



Siesam Core RESTful APIs

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Table of Contents

1. Overview	1
1.1. Version information.....	1
1.2. URI scheme.....	1
1.3. Tags	1
2. Resources	3
2.1. Alarm-controller	3
2.2. Authority-controller	57
2.3. Calculation-controller	67
2.4. Corporate-controller	89
2.5. Equitment-info-controller	102
2.6. Health-index-controller	114
2.7. Import-controller	119
2.8. Integrated-alarm-controller.....	124
2.9. Mock-controller	147
2.10. Navigation-controller	151
2.11. Page-controller	157
2.12. Permission-controller	165
2.13. Roles-controller	179
2.14. Rule-controller	207
2.15. Sensor-validation-controller	230
2.16. Source-controller	259
2.17. Sso-controller	272
2.18. Three-d-alarm-controller	276
2.19. Training-controller	289
2.20. Trend-waring-controller	305
2.21. Trend-waring-detail-controller.....	339
2.22. Tw-mode-controller	418
2.23. Tw-sampletime-controller	441
2.24. Tw-semi-mode-controller	450
2.25. Users-controller	456
2.26. Version-controller	492
3. Definitions	495
3.1. AlarmAnalysisResponse	495
3.2. AlarmLevel	495
3.3. AlarmStatus	495
3.4. AntTableResponse«ModelPointVO».....	495
3.5. AntTableResponse«ScreenAlarmAll»	496
3.6. AntTableResponse«ScreenCalculationSensor»	496

3.7. AntTableResponse«TrendwarningSampletime»	496
3.8. AsyncTaskExecutor	496
3.9. Callable«object»	497
3.10. ComponentDesignParameters	497
3.11. DatatablesResponse	497
3.12. DatatablesResponse«ScreenAuthority»	498
3.13. DatatablesResponse«ScreenRole»	498
3.14. DatatablesResponse«ScreenUserAll»	498
3.15. DatatablesResponse«ScreenUser»	499
3.16. DatatablesResponse«TrendwarningMeasuringpoint»	499
3.17. Equipment	499
3.18. EquipmentDesignParameters	501
3.19. EquipmentSystems	501
3.20. HisDataResult	502
3.21. MeasuringPoint	503
3.22. ModeInfo	504
3.23. ModelMap	504
3.24. ModelPointVO	504
3.25. PowerPlant	505
3.26. Powers	506
3.27. RealTimeModelData	506
3.28. RealTimeModelDataResponse	506
3.29. Roles	507
3.30. ScreenAlarmAll	507
3.31. ScreenAlarmPointLineHis	509
3.32. ScreenAuthority	510
3.33. ScreenCalculationSensor	510
3.34. ScreenComponent	511
3.35. ScreenCrewAlarm	512
3.36. ScreenModelAlarm	512
3.37. ScreenPowerPlantAlarm	513
3.38. ScreenProjectAlarm	513
3.39. ScreenRole	514
3.40. ScreenSensorSimple	515
3.41. ScreenSystemAlarm	516
3.42. ScreenTrendwarningModel	516
3.43. ScreenUser	517
3.44. ScreenUserAll	518
3.45. SelectedTimeRangeLine	518
3.46. Sensor	519
3.47. SensorTrainLine	519

3.48. SensorValue	520
3.49. SieDatatableResponse	520
3.50. SieDatatableResponse«ScreenAuthority»	520
3.51. SimplePoint	521
3.52. SimplePowerPlantAlarm	521
3.53. SlickResponse«ScreenSensorSimple»	521
3.54. Speciality	521
3.55. SysOrganization	521
3.56. ThreeDEquipmentPosition	522
3.57. ThreeDPositionInfo	522
3.58. ThreeDSingleAlarm	522
3.59. TimeMapper	523
3.60. TrendwarningAlgorithm	523
3.61. TrendwarningMeasuringpoint	524
3.62. TrendwarningMode	525
3.63. TrendwarningModelparamsVO	525
3.64. TrendwarningProject	526
3.65. TrendwarningSampletime	527
3.66. TrendwarningSemimode	527
3.67. TrendwarningSystem	528
3.68. TwCrew	528
3.69. TwModel	529
3.70. TwPowerPlant	529
3.71. TwProject	529
3.72. TwRegulations	530
3.73. TwSystem	530
3.74. Users	531
3.75. VsRuleVO	532
3.76. WebAsyncTask«ModelMap»	532
3.77. XYPoint	532
3.78. XYPointAlarm	532

Chapter 1. Overview

Siesam-core 工程后台API接口文

1.1. Version information

Version : 1.0

1.2. URI scheme

1.3. Tags

- alarm-controller : 告警接口
- authority-controller : 原 限接口 (全部 用)
- calculation-controller : 算 点
- corporate-controller : 集 接口
- equitment-info-controller : 接口 (用)
- health-index-controller : 健康度接口 (用)
- import-controller : 入 出接口
- integrated-alarm-controller : 集中告警接口
- mock-controller : Mock Controller
- navigation-controller : (接口 用)
- page-controller : 用 登 登出接口
- permission-controller : 限接口
- roles-controller : 角色接口
- rule-controller : 接口
- sensor-validation-controller : 点 接口
- source-controller : 源接口
- sso-controller : 点登 接口
- three-d-alarm-controller : 3D接口
- training-controller : 接口
- trend-waring-controller : 警厂 接口
- trend-waring-detail-controller : 警模型配置及
- tw-mode-controller : 模式接口
- tw-sampletime-controller : 模型采 接口
- tw-semi-mode-controller : 半 督模式接口
- users-controller : 用 接口

- version-controller : 版本接口

Chapter 2. Resources

2.1. Alarm-controller

告警接口

2.1.1. 告警分析接口

```
POST /alarm/alarmview/detailinfo/alarmAnalysis
```

Description

通 求 接口，可 告警 的 警信息、 点数据等核心数据。

Parameters

Type	Name	Description	Schema
Query	bgttime <i>required</i>	始	string (date-time)
Query	currentpointid <i>optional</i>	当前的 点id	integer (int32)
Query	endtime <i>required</i>	束	string (date-time)
Query	modelid <i>required</i>	模型	string
Query	modelversion <i>optional</i>	模型版本	string
Query	pointids <i>optional</i>	以#分割的 点id字符串	string
Query	requesttype <i>required</i>	1： 告警 点信息； 2： 所有相 点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	AlarmAnalysisResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/alarmview/detailinfo/alarmAnalysis
```

Request query

```
{
    "bgtime" : "string",
    "currentpointid" : 0,
    "endtime" : "string",
    "modelid" : "string",
    "modelversion" : "string",
    "pointids" : "string",
    "requesttype" : 0
}
```

Example HTTP response

Response 200

```
{
  "allAlarmTimeMapperList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "sensorDataLines" : [ {
    "alarmTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "estimatedCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "residualCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ]
  } ],
  "twRegulationsList" : [ {
    "alarm" : true,
    "alarmnum" : 0,
    "alarmpoints" : [ {
      "pointid" : 0,
      "pointname" : "string"
    } ],
    "time" : 0
  } ]
}
```

2.1.2. 告警分析接口

GET /alarm/alarmview/detailinfo/alarmAnalysis

Description

通常求接口，可告警的警信息、点数据等核心数据。

Parameters

Type	Name	Description	Schema
Query	bgttime <i>required</i>	始	string (date-time)
Query	currentpointid <i>optional</i>	当前的点id	integer (int32)
Query	endtime <i>required</i>	束	string (date-time)
Query	modelid <i>required</i>	模型	string
Query	modelversion <i>optional</i>	模型版本	string
Query	pointids <i>optional</i>	以#分割的点id字符串	string
Query	requesttype <i>required</i>	1：告警点信息； 2：所有相关点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	AlarmAnalysisResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/alarm/alarmview/detailinfo/alarmAnalysis

Request query

```
{  
    "bgtime" : "string",  
    "currentpointid" : 0,  
    "endtime" : "string",  
    "modelid" : "string",  
    "modelversion" : "string",  
    "pointids" : "string",  
    "requesttype" : 0  
}
```

Example HTTP response

Response 200

```
{
  "allAlarmTimeMapperList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "sensorDataLines" : [ {
    "alarmTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "estimatedCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "residualCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ]
  } ],
  "twRegulationsList" : [ {
    "alarm" : true,
    "alarmnum" : 0,
    "alarmpoints" : [ {
      "pointid" : 0,
      "pointname" : "string"
    } ],
    "time" : 0
  } ]
}
```

2.1.3. 取告警 始 束接口(模型)

```
POST /alarm/alarmview/intervaltime/{modelid}
```

Description

通 求 接口, 可 模型下最新一条告警的 段 始与 束 。

Parameters

Type	Name	Description	Schema
Body	modelid <i>required</i>	模型	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/alarmview/intervaltime/{modelid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.4. 取告警 始 束接口(模型)

```
GET /alarm/alarmview/intervaltime/{modelid}
```

Description

通 求 接口，可 模型下最新一条告警的 段 始与 束 。

Parameters

Type	Name	Description	Schema
Body	modelid <i>required</i>	模型	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/alarmview/intervaltime/{modelid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.5. 模型 数据

```
POST /alarm/modelAlarm/alarmAnalysis/realtimedata
```

Description

模型 数据接口

Parameters

Type	Name	Description	Schema
Query	bgtim <i>optional</i>	始	string (date-time)
Query	currentpointid <i>optional</i>	当前的 点id	integer (int32)
Query	endtime <i>optional</i>	束	string (date-time)
Query	modelid <i>required</i>	模型	string
Query	modelversion <i>optional</i>	模型版本	string
Query	pointids <i>optional</i>	以#分割的 点id字符串	string
Query	requesttype <i>optional</i>	1 : 告警 点信息 ; 2 : 所有相 点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	RealTimeModelDataResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/modelAlarm/alarmAnalysis/realtimedata
```

Request query

```
{  
    "bgtime" : "string",  
    "currentpointid" : 0,  
    "endtime" : "string",  
    "modelid" : "string",  
    "modelversion" : "string",  
    "pointids" : "string",  
    "requesttype" : 0  
}
```

Example HTTP response

Response 200

```
{  
    "modelid" : "string",  
    "newmsg" : true,  
    "realTimeModelDataList" : [ {  
        "alarm" : true,  
        "estimatedValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "realValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "residualValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "sensorid" : "string",  
        "sensorname" : "string"  
    } ],  
    "twRegulation" : {  
        "alarm" : true,  
        "alarmnum" : 0,  
        "alarmpoints" : [ {  
            "pointid" : 0,  
            "pointname" : "string"  
        } ],  
        "time" : 0  
    }  
}
```

2.1.6. 模型 数据

```
GET /alarm/modelAlarm/alarmAnalysis/realtimedata
```

Description

模型 数据接口

Parameters

Type	Name	Description	Schema
Query	bgttime <i>optional</i>	始	string (date-time)
Query	currentpointid <i>optional</i>	当前的 点id	integer (int32)
Query	endtime <i>optional</i>	束	string (date-time)
Query	modelid <i>required</i>	模型	string
Query	modelversion <i>optional</i>	模型版本	string
Query	pointids <i>optional</i>	以#分割的 点id字符串	string
Query	requesttype <i>optional</i>	1 : 告警 点信息 ; 2 : 所有相 点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	RealTimeModelDataResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/modelAlarm/alarmAnalysis/realtimedata
```

Request query

```
{  
    "bgtime" : "string",  
    "currentpointid" : 0,  
    "endtime" : "string",  
    "modelid" : "string",  
    "modelversion" : "string",  
    "pointids" : "string",  
    "requesttype" : 0  
}
```

Example HTTP response

Response 200

```
{  
    "modelid" : "string",  
    "newmsg" : true,  
    "realTimeModelDataList" : [ {  
        "alarm" : true,  
        "estimatedValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "realValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "residualValue" : {  
            "quality" : 0,  
            "time" : 0,  
            "value" : "string"  
        },  
        "sensorid" : "string",  
        "sensorname" : "string"  
    } ],  
    "twRegulation" : {  
        "alarm" : true,  
        "alarmnum" : 0,  
        "alarmpoints" : [ {  
            "pointid" : 0,  
            "pointname" : "string"  
        } ],  
        "time" : 0  
    }  
}
```

2.1.7. 厂下所有分的告警数

```
POST /alarm/plantlevel/{siecode}
```

Description

通常求接口，可取厂下所有分的告警信息。

Parameters

Type	Name	Description	Schema
Body	siecode required	厂	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenPowerPlant Alarm
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/plantlevel/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "alarmNum" : 0,
  "crewAlarms" : [ {
    "alarmNum" : 0,
    "alarmNumFirstLevel" : 0,
```

```

"alarmNumSecondLevel" : 0,
"alarmNumThirdLevel" : 0,
"crewName" : "string",
"crewSieceode" : "string",
"ruleAlarmNumFirstLevel" : 0,
"ruleAlarmNumSecondLevel" : 0,
"ruleAlarmNumThirdLevel" : 0,
"systemAlarms" : [ {
    "alarmNum" : 0,
    "alarmNumFirstLevel" : 0,
    "alarmNumSecondLevel" : 0,
    "alarmNumThirdLevel" : 0,
    "projectAlarms" : [ {
        "alarmNum" : 0,
        "alarmNumFirstLevel" : 0,
        "alarmNumSecondLevel" : 0,
        "alarmNumThirdLevel" : 0,
        "modelName" : "string",
        "modelSieceode" : "string",
        "time" : 0
    } ],
    " projectName" : "string",
    " projectSieceode" : "string",
    " ruleAlarmNumFirstLevel" : 0,
    " ruleAlarmNumSecondLevel" : 0,
    " ruleAlarmNumThirdLevel" : 0,
    " time" : 0
} ],
"ruleAlarmNumFirstLevel" : 0,
"ruleAlarmNumSecondLevel" : 0,
"ruleAlarmNumThirdLevel" : 0,
"sysName" : "string",
"sysSieceode" : "string",
"time" : 0
} ],
"time" : 0
} ],
"percentage" : 0,
"plantName" : "string",
"plantSieceode" : "string",
"time" : 0
}

```

2.1.8. 厂下所有分的告警数

```
GET /alarm/plantlevel/{siecode}
```

Description

通 求 接口，可 取 厂下所有 的告警信息。

Parameters

Type	Name	Description	Schema
Body	siecode required	厂	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenPowerPlant Alarm
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/plantlevel/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "alarmNum" : 0,
  "crewAlarms" : [ {
    "alarmNum" : 0,
    "alarmNumFirstLevel" : 0,
    "alarmNumSecondLevel" : 0,
    "alarmNumThirdLevel" : 0,
```

```
"crewName" : "string",
"crewSieceode" : "string",
"ruleAlarmNumFirstLevel" : 0,
"ruleAlarmNumSecondLevel" : 0,
"ruleAlarmNumThirdLevel" : 0,
"systemAlarms" : [ {
    "alarmNum" : 0,
    "alarmNumFirstLevel" : 0,
    "alarmNumSecondLevel" : 0,
    "alarmNumThirdLevel" : 0,
    "projectAlarms" : [ {
        "alarmNum" : 0,
        "alarmNumFirstLevel" : 0,
        "alarmNumSecondLevel" : 0,
        "alarmNumThirdLevel" : 0,
        "modelName" : "string",
        "modelSieceode" : "string",
        "time" : 0
    } ],
    " projectName" : "string",
    " projectSieceode" : "string",
    " ruleAlarmNumFirstLevel" : 0,
    " ruleAlarmNumSecondLevel" : 0,
    " ruleAlarmNumThirdLevel" : 0,
    " time" : 0
} ],
"ruleAlarmNumFirstLevel" : 0,
"ruleAlarmNumSecondLevel" : 0,
"ruleAlarmNumThirdLevel" : 0,
"sysName" : "string",
"sysSieceode" : "string",
"time" : 0
} ],
"time" : 0
} ],
"percentage" : 0,
"plantName" : "string",
"plantSieceode" : "string",
"time" : 0
}
```

2.1.9. 分 告警信息列表接口

POST /alarm/view/alarmlist_antable

Description

通 求 接口，可根据 条件 取分 后的告警信息列表。

Parameters

Type	Name	Description	Schema
Body	alarmStatus required	告警 状，1#2 合代表当前告警；3#4 合代表理事告警，分 求：1：待 ；2：待 理；3：已 理；4：已忽略	string
Body	crewid required	机 ， ALL代表所有机	string
Body	modelid required	模型 ， ALL代表所有模型	string
Body	page required	求的 数	string
Body	plantid required	厂	string
Body	projectid required	工程 ， ALL代表所有工程	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	systemid required	系 ， ALL代表所有系	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/alarmlist_anttable
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.10. 分 告警信息列表接口

```
GET /alarm/view/alarmlist_antable
```

Description

通 求 接口，可根据 条件 取分 后的告警信息列表。

Parameters

Type	Name	Description	Schema
Body	alarmStatus required	告警 状，1#2 合代表当前告警；3#4 合代表理事告警，分 求：1：待 ；2：待 理；3：已 理；4：已忽略	string
Body	crewid required	机 ， ALL代表所有机	string
Body	modelid required	模型 ， ALL代表所有模型	string
Body	page required	求的 数	string
Body	plantid required	厂	string
Body	projectid required	工程 ， ALL代表所有工程	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	systemid required	系 ， ALL代表所有系	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/alarmlist_anttable
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.11. 最新告警信息条数接口

```
POST /alarm/view/alarmlist_newalarms
```

Description

通 求 接口, 可 取从上次 求分 告警接口至当前 新 生的告警数信息。

Parameters

Type	Name	Description	Schema
Body	alarmStatus required	告警 状 , 1#2 合代表当前告警 ; 3#4 合代表理事告警, 分 求 : 1 : 待 ; 2 : 待 理 ; 3 : 已 理 ; 4 : 已忽略	string
Body	crewid required	机 , ALL代表所有机	string
Body	modelid required	模型 , ALL代表所有模型	string
Body	plantid required	厂	string
Body	projectid required	工程 , ALL代表所有工程	string
Body	systemid required	系 , ALL代表所有系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/alarmlist_newalarms
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.1.12. 最新告警信息条数接口

```
GET /alarm/view/alarmlist_newalarms
```

Description

通 求 接口，可 取从上次 求分 告警接口至当前 新 生的告警数信息。

Parameters

Type	Name	Description	Schema
Body	alarmStatus required	告警 状 , 1#2 合代表当前告警；3#4 合代表理事告警, 分 求：1：待 ；2：待 理；3：已 理；4：已忽略	string
Body	crewid required	机 , ALL代表所有机	string
Body	modelid required	模型 , ALL代表所有模型	string
Body	plantid required	厂	string
Body	projectid required	工程 , ALL代表所有工程	string
Body	systemid required	系 , ALL代表所有系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/alarmlist_newalarms
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.1.13. 告警分析接口

```
POST /alarm/view/detailinfo/alarmAnalysis
```

Description

通 求 接口，可 告警 的 警信息、 点数据等核心数据。

Parameters

Type	Name	Description	Schema
Query	bgttime required	始	string (date-time)
Query	currentpointid required	当前的 点id	integer (int32)
Query	endtime required	束	string (date-time)
Query	modelid required	模型	string
Query	modelversion required	模型版本	string
Query	pointids required	以#分割的 点id字符串	string
Query	requesttype required	1： 告警 点信息； 2： 所有相 点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	AlarmAnalysisResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/alarmAnalysis
```

Request query

```
{
  "bgtime" : "string",
  "currentpointid" : 0,
  "endtime" : "string",
  "modelid" : "string",
  "modelversion" : "string",
  "pointids" : "string",
  "requesttype" : 0
}
```

Example HTTP response

Response 200

```
{
  "allAlarmTimeMapperList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "sensorDataLines" : [ {
    "alarmTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "estimatedCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "residualCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ]
  } ],
  "twRegulationsList" : [ {
    "alarm" : true,
    "alarmnum" : 0,
    "alarmpoints" : [ {
      "pointid" : 0,
      "pointname" : "string"
    } ],
    "time" : 0
  } ]
}
```

2.1.14. 告警分析接口

```
GET /alarm/view/detailinfo/alarmAnalysis
```

Description

通常求接口，可告警的警信息、点数据等核心数据。

Parameters

Type	Name	Description	Schema
Query	bgttime required	始	string (date-time)
Query	currentpointid required	当前的点id	integer (int32)
Query	endtime required	束	string (date-time)
Query	modelid required	模型	string
Query	modelversion required	模型版本	string
Query	pointids required	以#分割的点id字符串	string
Query	requesttype required	1：告警点信息； 2：所有相关点信息	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	AlarmAnalysisResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/alarmAnalysis
```

Request query

```
{  
    "bgtime" : "string",  
    "currentpointid" : 0,  
    "endtime" : "string",  
    "modelid" : "string",  
    "modelversion" : "string",  
    "pointids" : "string",  
    "requesttype" : 0  
}
```

Example HTTP response

Response 200

```
{
  "allAlarmTimeMapperList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "sensorDataLines" : [ {
    "alarmTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "estimatedCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "residualCurve" : [ {
      "quality" : 0,
      "time" : 0,
      "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ]
  } ],
  "twRegulationsList" : [ {
    "alarm" : true,
    "alarmnum" : 0,
    "alarmpoints" : [ {
      "pointid" : 0,
      "pointname" : "string"
    } ],
    "time" : 0
  } ]
}
```

2.1.15. 取告警 始 束接口

```
POST /alarm/view/detailinfo/intervaltime/{id}
```

Description

通 求 接口, 可 需求定 中 的告警 段 始与 束 。

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警 , 数字表示	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/intervaltime/{id}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.16. 取告警 始 束接口

```
GET /alarm/view/detailinfo/intervaltime/{id}
```

Description

通 求 接口, 可 需求定 中 的告警 段 始与 束 。

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警 , 数字表示	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/intervaltime/{id}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recoverytime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.1.17. 面包屑接口

```
POST /alarm/view/detailinfo/navigation/{id}
```



operation.deprecated

Description

在主 版本中不可用

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/navigation/string
```

Example HTTP response

Response 200

```
"object"
```

2.1.18. 面包屑接口

```
GET /alarm/view/detailinfo/navigation/{id}
```



operation.deprecated

Description

在主 版本中不可用

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/navigation/string
```

Example HTTP response

Response 200

```
"object"
```

2.1.19. 取 警模型告警 点和所有 点信息接口

```
POST /alarm/view/detailinfo/pointids/{modelid}/{modelversion}
```

Description

通 求 接口, 可 告警 所属模型的告警 点列表和所有 点列表信息。

Parameters

Type	Name	Description	Schema
Query	modelid <small>required</small>	模型	string
Query	modelversion <small>required</small>	模型版本	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/pointids/{modelid}/{modelversion}
```

Request query

```
{
  "modelid" : "string",
  "modelversion" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.1.20. 取 警模型告警 点和所有 点信息接口

```
GET /alarm/view/detailinfo/pointids/{modelid}/{modelversion}
```

Description

通 求 接口, 可 告警 所属模型的告警 点列表和所有 点列表信息。

Parameters

Type	Name	Description	Schema
Query	modelid <small>required</small>	模型	string
Query	modelversion <small>required</small>	模型版本	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/detailinfo/pointids/{modelid}/{modelversion}
```

Request query

```
{
  "modelid" : "string",
  "modelversion" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.1.21. 通 告警

```
POST /alarm/view/equipmentid/{alarmid}
```

Description

通 告警 :接口 用

Parameters

Type	Name	Description	Schema
Body	alarmid <small>required</small>	告警id	Integer

Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/equipmentid/{alarmid}
```

Example HTTP response

Response 200

```
"string"
```

2.1.22. 通 告警

```
GET /alarm/view/equipmentid/{alarmid}
```

Description

通 告警 :接口 用

Parameters

Type	Name	Description	Schema
Body	alarmid <small>required</small>	告警id	Integer

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/equipmentid/{alarmid}
```

Example HTTP response

Response 200

```
"string"
```

2.1.23. 最近一刻 厂 告警 数

```
POST /alarm/view/plantlevel/historyAlarm/{siecode}
```

Description

通过 求 接口，可 取最近15分 的厂 告警 数列表。

Parameters

Type	Name	Description	Schema
Body	siecode <small>required</small>	厂	string

Responses

HTTP Code	Description	Schema
200	OK	SimplePowerPlant Alarm
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/historyAlarm/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "alarmNum" : 0,
  "time" : 0
}
```

2.1.24. 最近一刻 厂 告警 数

```
GET /alarm/view/plantlevel/historyAlarm/{siecode}
```

Description

通 求 接口, 可 取最近15分 的厂 告警 数列表。

Parameters

Type	Name	Description	Schema
Body	siecode <i>required</i>	厂	string

Responses

HTTP Code	Description	Schema
200	OK	SimplePowerPlant Alarm
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/historyAlarm/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "alarmNum" : 0,
  "time" : 0
}
```

2.1.25. 厂 告警 面包屑

```
POST /alarm/view/plantlevel/navigation/{siecode}
```

Description

通过求接口，可取厂告警的面包屑信息。

Parameters

Type	Name	Description	Schema
Body	siecode required	厂	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/navigation/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.1.26. 厂告警 面包屑

```
GET /alarm/view/plantlevel/navigation/{siecode}
```

Description

通过求接口，可取厂告警的面包屑信息。

Parameters

Type	Name	Description	Schema
Body	siecode <small>required</small>	厂	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/navigation/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.1.27. 厂

```
POST /alarm/view/plantlevel/twPowerPlant/{siecode}
```

Description

取 厂的 信息

Parameters

Type	Name	Description	Schema
Body	siecode required	厂	string

Responses

HTTP Code	Description	Schema
200	OK	TwPowerPlant
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/twPowerPlant/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "id" : "string",
  "levelList" : [ {
    "id" : 0,
    "level" : 0
  }],
  "name" : "string",
  "specialityList" : [ {
    "id" : 0,
    "name" : "string"
  }],
  "statusList" : [ {
    "id" : 0,
    "status" : 0
  }],
  "twCrews" : [ {
    "id" : "string",
    "levelList" : [ {
      "id" : 0,
      "level" : 0
    }],
    "name" : "string",
    "powerplantid" : "string",
    "specialityList" : [ {

```

```
"id" : 0,
  "name" : "string"
} ],
"statusList" : [ {
  "id" : 0,
  "status" : 0
} ],
"twProjects" : [ {
  "description" : "string",
  "id" : "string",
  "levelList" : [ {
    "id" : 0,
    "level" : 0
  } ],
  "name" : "string",
  "specialityList" : [ {
    "id" : 0,
    "name" : "string"
  } ],
  "statusList" : [ {
    "id" : 0,
    "status" : 0
  } ],
  "systemid" : "string",
  "twModels" : [ {
    "id" : "string",
    "name" : "string"
  } ]
},
"twSystems" : [ {
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "twProjectList" : [ {
    "description" : "string",
    "id" : "string",
    "levelList" : [ {
      "id" : 0,
      "level" : 0
    } ],
    "name" : "string",
    "specialityList" : [ {
      "id" : 0,
      "name" : "string"
    } ],
    "statusList" : [ {
      "id" : 0,
      "status" : 0
    } ],
    "systemid" : "string",
```

```

    "twModels" : [ {
        "id" : "string",
        "name" : "string"
    } ]
}
"twProjects" : [ {
    "creater" : "string",
    "createtime" : "string",
    "description" : "string",
    "id" : "string",
    "modifier" : "string",
    "modifietime" : "string",
    "name" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "systemid" : "string"
} ]
}
}
]
}

```

2.1.28.

GET /alarm/view/plantlevel/twPowerPlant/{siecode}

Description

取 厂的  信息

Parameters

Type	Name	Description	Schema
Body	siecode <small>required</small>		string

Responses

HTTP Code	Description	Schema
200	OK	TwPowerPlant
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/plantlevel/twPowerPlant/{siecode}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "id" : "string",
  "levelList" : [ {
    "id" : 0,
    "level" : 0
  }],
  "name" : "string",
  "specialityList" : [ {
    "id" : 0,
    "name" : "string"
  }],
  "statusList" : [ {
    "id" : 0,
    "status" : 0
  }],
  "twCrews" : [ {
    "id" : "string",
    "levelList" : [ {
      "id" : 0,
      "level" : 0
    }],
    "name" : "string",
    "powerplantid" : "string",
    "specialityList" : [ {
      "id" : 0,
      "name" : "string"
    }],
    "statusList" : [ {
      "id" : 0,
      "status" : 0
    }],
    "twProjects" : [ {
      "description" : "string",
      "id" : "string",
      "name" : "string"
    }]
  }]
}
```

```
"levelList" : [ {
    "id" : 0,
    "level" : 0
} ],
"name" : "string",
"specialityList" : [ {
    "id" : 0,
    "name" : "string"
} ],
"statusList" : [ {
    "id" : 0,
    "status" : 0
} ],
"systemid" : "string",
"twModels" : [ {
    "id" : "string",
    "name" : "string"
} ]
},
"twSystems" : [ {
    "crewid" : "string",
    "id" : "string",
    "name" : "string",
    "reserve01" : "string",
    "twProjectList" : [ {
        "description" : "string",
        "id" : "string",
        "levelList" : [ {
            "id" : 0,
            "level" : 0
        } ],
        "name" : "string",
        "specialityList" : [ {
            "id" : 0,
            "name" : "string"
        } ],
        "statusList" : [ {
            "id" : 0,
            "status" : 0
        } ],
        "systemid" : "string",
        "twModels" : [ {
            "id" : "string",
            "name" : "string"
        } ]
    } ],
    "twProjects" : [ {
        "creater" : "string",
        "createtime" : "string",
        "description" : "string",
        "id" : "string",
        "name" : "string"
    } ]
} ]
```

```

    "modifier" : "string",
    "modifietime" : "string",
    "name" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "systemid" : "string"
  } ]
}
}
}
}

```

2.1.29. 条告警 情接口

POST /alarm/view/singleAlarm/{id}

Description

通 求 接口，可 到 条告警信息 情数据。

Parameters

Type	Name	Description	Schema
Body	id required	告警 , 数字表示	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/alarm/view/singleAlarm/{id}

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "actualValue" : 0.0,
  "alarmMsg" : "string",
  "alarmPointMsg" : "string",
  "alarmid" : "string",
  "alarmlevel" : 0,
  "alarmnum" : 0,
  "alarmstatus" : 0,
  "confirmpeople" : "string",
  "confirmtime" : 0,
  "crewId" : "string",
  "crewName" : "string",
  "durationtime" : 0,
  "durationtimeStr" : "string",
  "endtime" : 0,
  "estimatedValue" : 0.0,
  "firstAlarmTime" : 0,
  "historyalarmnum" : 0,
  "latestAlarmTime" : 0,
  "modelAlarmNumAll" : 0,
  "modelId" : "string",
  "modelName" : "string",
  "modelversion" : "string",
  "plantId" : "string",
  "plantName" : "string",
  "pointid" : 0,
  "pointname" : "string",
  "projectId" : "string",
  " projectName" : "string",
  "proposal" : "string",
  "recoverytime" : 0,
  "residualValue" : 0.0,
  "selfhealing" : true,
  "solvepeople" : "string",
  "solvetime" : 0,
  "specialty" : "string",
  "systemId" : "string",
  "systemName" : "string",
  "trainer" : "string",
  "traintime" : 0,
  "unit" : "string"
}
```

2.1.30. 条告警 情接口

```
GET /alarm/view/singleAlarm/{id}
```

Description

通 求 接口，可 到 条告警信息 情数据。

Parameters

Type	Name	Description	Schema
Body	id <i>required</i>	告警 , 数字表示	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmAll
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/alarm/view/singleAlarm/{id}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{  
    "actualValue" : 0.0,  
    "alarmMsg" : "string",  
    "alarmPointMsg" : "string",  
    "alarmid" : "string",  
    "alarmlevel" : 0,  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "confirmpeople" : "string",  
    "confirmtime" : 0,  
    "crewId" : "string",  
    "crewName" : "string",  
    "durationtime" : 0,  
    "durationtimeStr" : "string",  
    "endtime" : 0,  
    "estimatedValue" : 0.0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelAlarmNumAll" : 0,  
    "modelId" : "string",  
    "modelName" : "string",  
    "modelversion" : "string",  
    "plantId" : "string",  
    "plantName" : "string",  
    "pointid" : 0,  
    "pointname" : "string",  
    "projectId" : "string",  
    " projectName" : "string",  
    "proposal" : "string",  
    "recovertime" : 0,  
    "residualValue" : 0.0,  
    "selfhealing" : true,  
    "solvepeople" : "string",  
    "solvetime" : 0,  
    "specialty" : "string",  
    "systemId" : "string",  
    "systemName" : "string",  
    "trainer" : "string",  
    "taintime" : 0,  
    "unit" : "string"  
}
```

2.2. Authority-controller

原 限接口（全部 用）

2.2.1. 除 条

```
POST /authority/delete/{id}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.2.2. 除 条

```
GET /authority/delete/{id}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.2.3. 新 或者更新

```
POST /authority/save
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	id <i>optional</i>	integer (int32)
Query	powerdescription <i>optional</i>	string
Query	powername <i>optional</i>	string
Query	poweruri <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/save
```

Request query

```
{  
    "id" : 0,  
    "powerdescription" : "string",  
    "powernname" : "string",  
    "poweruri" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.2.4. 新 或者更新

```
GET /authority/save
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	id <i>optional</i>	integer (int32)
Query	powerdescription <i>optional</i>	string
Query	powernname <i>optional</i>	string
Query	poweruri <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/save
```

Request query

```
{
  "id" : 0,
  "powerdescription" : "string",
  "powername" : "string",
  "poweruri" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.2.5. 列表（分页及排序）

```
POST /authority/view/list
```



operation.deprecated

Description

接口 用途

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/view/list
```

Example HTTP response

Response 200

```
{
  "data" : [ "object" ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.2.6. 列表（分页及排序）

```
GET /authority/view/list
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/view/list
```

Example HTTP response

Response 200

```
{
  "data" : [ "object" ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.2.7. 新 或者更新

```
POST /authority/view/sielist
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	direction <i>optional</i>	string
Query	length <i>optional</i>	integer (int32)

Type	Name	Schema
Query	searchlist <i>optional</i>	< string > array(multi)
Query	searchvalue <i>optional</i>	string
Query	sort <i>optional</i>	string
Query	start <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	SieDatatableResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/view/sielist
```

Request query

```
{
  "direction" : "string",
  "length" : 0,
  "searchlist" : "string",
  "searchvalue" : "string",
  "sort" : "string",
  "start" : 0
}
```

Example HTTP response

Response 200

```
{
  "data" : [ "object" ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.2.8. 新 或者更新

GET /authority/view/sielist



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	direction <i>optional</i>	string
Query	length <i>optional</i>	integer (int32)
Query	searchlist <i>optional</i>	< string > array(multi)
Query	searchvalue <i>optional</i>	string
Query	sort <i>optional</i>	string
Query	start <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	SieDatatableResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/authority/view/sielist
```

Request query

```
{
  "direction" : "string",
  "length" : 0,
  "searchlist" : "string",
  "searchvalue" : "string",
  "sort" : "string",
  "start" : 0
}
```

Example HTTP response

Response 200

```
{
  "data" : [ "object" ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.3. Calculation-controller

算 点

2.3.1. 新 算 点 接口

```
POST /calculationsensor/addCalculationSensor/{powerPlantID}
```

Description

新 算 点

Parameters

Type	Name	Description	Schema
Query	caculationSensor <i>optional</i>		string
Body	cscode <i>required</i>	算 点	string
Body	description <i>required</i>	算 点描述	string
Body	exp <i>required</i>	算 点表 式	string
Body	name <i>required</i>	算 点名称	string
Body	powerPlantID <i>required</i>	厂	string
Body	projectid <i>required</i>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/addCalculationSensor/{powerPlantID}
```

Request query

```
{
  "caculationSensor" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.2. 新 算 点 接口

```
GET /calculationsensor/addCalculationSensor/{powerPlantID}
```

Description

新 算 点

Parameters

Type	Name	Description	Schema
Query	caculationSensor <i>optional</i>		string
Body	cscode <i>required</i>	算 点	string
Body	description <i>required</i>	算 点描述	string
Body	exp <i>required</i>	算 点表 式	string
Body	name <i>required</i>	算 点名称	string
Body	powerPlantID <i>required</i>	厂	string
Body	projectid <i>required</i>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/addCalculationSensor/{powerPlantID}
```

Request query

```
{
  "caculationSensor" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.3. 除 算 点接口

```
POST /calculationsensor/delete/{csid}
```

Description

通 算 点 除 算 点

Parameters

Type	Name	Description	Schema
Body	csid required	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/delete/{csid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.4. 除 算 点接口

```
GET /calculationsensor/delete/{csid}
```

Description

通 算 点 除 算 点

Parameters

Type	Name	Description	Schema
Body	csid required	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/delete/{csid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.5. 算 点引用的 算 点列表

```
POST /calculationsensor/getCiteSensors
```

Description

通 算 点 取 算 点引用的 算 点列表

Parameters

Type	Name	Description	Schema
Body	csid required	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/getCiteSensors
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.6. 算 点引用的 算 点列表

```
GET /calculationsensor/getCiteSensors
```

Description

通 算 点 取 算 点引用的 算 点列表

Parameters

Type	Name	Description	Schema
Body	csid <i>required</i>	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/getCiteSensors
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.7. 算 点被引用情况

```
POST /calculationsensor/getCitedResult
```

Description

通 算 点 取 算 点被引用情况

Parameters

Type	Name	Description	Schema
Body	csid required	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/getCitedResult
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.8. 算 点被引用情况

```
GET /calculationsensor/getCitedResult
```

Description

通 算 点 取 算 点被引用情况

Parameters

Type	Name	Description	Schema
Body	csid required	算 点id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/getCitedResult
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.9. 工程下的所有模型接口

```
POST /calculationsensor/listModelByProjectId/{projectid}
```

Description

工程下的所有模型

Parameters

Type	Name	Description	Schema
Body	projectid <i>required</i>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/listModelByProjectId/{projectid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.10. 工程下的所有模型接口

```
GET /calculationsensor/listModelByProjectId/{projectid}
```

Description

工程下的所有模型

Parameters

Type	Name	Description	Schema
Body	projectid <i>required</i>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/listModelByProjectId/{projectid}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.11. 算 点可引用的 点列表接口

```
POST /calculationsensor/listSensors
```

Description

算 点可引用的 点列表

Parameters

Type	Name	Description	Schema
Query	orderBy <i>optional</i>		string
Body	modelid <i>optional</i>	模型id, 点 需要 入	string
Body	pointsType <i>required</i>	1: 点 ; 2 : 算 点 ; 3: 点	integer (int32)

Type	Name	Description	Schema
Body	projectid required	工程	string
Body	regex required	模糊 条件	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/listSensors
```

Request query

```
{
  "orderBy" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.12. 算 点可引用的 点列表接口

```
GET /calculationsensor/listSensors
```

Description

算 点可引用的 点列表

Parameters

Type	Name	Description	Schema
Query	orderBy <i>optional</i>		string
Body	modelid <i>optional</i>	模型id, 点 需要 入	string
Body	pointsType <i>required</i>	1: 点 ; 2 : 算 点 ; 3: 点	integer (int32)
Body	projectid <i>required</i>	工程	string
Body	regex <i>required</i>	模糊 条件	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/listSensors
```

Request query

```
{
  "orderBy" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.3.13. 分 算 点列表接口

```
POST /calculationsensor/selectCaculationSensors
```

Description

分 算 点列表

Parameters

Type	Name	Description	Schema
Body	modelid <small>required</small>	模型id	string
Body	orderBy <small>required</small>	按字段排序	string
Body	page <small>required</small>	求的 数	string
Body	pointsType <small>required</small>	1: 点 ; 2 : 算 点 ; 3: 点	integer (int32)
Body	projectid <small>required</small>	工程	string
Body	regex <small>required</small>	模糊 条件	string
Body	results <small>required</small>	求 果数	string
Body	sortField <small>required</small>	排序的字段	string
Body	sortOrder <small>required</small>	排序方式 : 升序 : ascend ; 降序 : descend	string

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «ScreenCalculatio nSensor»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/selectCaculationSensors
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "active" : 0,
    "creater" : "string",
    "createtime" : "string",
    "cscode" : "string",
    "description" : "string",
    "exp" : "string",
    "id" : "string",
    "isOpenCited" : 0,
    "iscited" : 0,
    "modifier" : "string",
    "modifytime" : "string",
    "name" : "string",
    "projectid" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "transformedExp" : "string"
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.3.14. 分 算 点列表接口

GET /calculationsensor/selectCaculationSensors

Description

分 算 点列表

Parameters

Type	Name	Description	Schema
Body	modelid required	模型id	string
Body	orderBy required	按字段排序	string
Body	page required	求的 数	string
Body	pointsType required	1: 点 ; 2: 算 点 ; 3: 点	integer (int32)
Body	projectid required	工程	string

Type	Name	Description	Schema
Body	regex required	模糊 条件	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «ScreenCalculationSensor»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/selectCaculationSensors
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "active" : 0,
    "creater" : "string",
    "createtime" : "string",
    "cscode" : "string",
    "description" : "string",
    "exp" : "string",
    "id" : "string",
    "isOpenCited" : 0,
    "iscited" : 0,
    "modifier" : "string",
    "modifytime" : "string",
    "name" : "string",
    "projectid" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "transformedExp" : "string"
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.3.15. 更新 算 点 接口

POST /calculationsensor/update/{powerPlantID}

Description

更新 算 点

Parameters

Type	Name	Description	Schema
Path	powerPlantID <i>required</i>	powerPlantID	string
Query	active <i>optional</i>		integer (int32)
Query	creater <i>optional</i>		string
Query	createtime <i>optional</i>		string (date-time)
Query	cscode <i>optional</i>		string

Type	Name	Description	Schema
Query	description <i>optional</i>		string
Query	exp <i>optional</i>		string
Query	id <i>optional</i>		string
Query	iscited <i>optional</i>		integer (int32)
Query	modifier <i>optional</i>		string
Query	modifytime <i>optional</i>		string (date-time)
Query	name <i>optional</i>		string
Query	projectid <i>optional</i>		string
Query	reserve02 <i>optional</i>		string
Query	reserve03 <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/update/string
```

Request query

```
{
  "active" : 0,
  "creater" : "string",
  "createtime" : "string",
  "cscode" : "string",
  "description" : "string",
  "exp" : "string",
  "id" : "string",
  "iscited" : 0,
  "modifier" : "string",
  "modifytime" : "string",
  "name" : "string",
  "projectid" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.3.16. 更新 算 点 接口

```
GET /calculationsensor/update/{powerPlantID}
```

Description

更新 算 点

Parameters

Type	Name	Description	Schema
Path	powerPlantID <i>required</i>	powerPlantID	string
Query	active <i>optional</i>		integer (int32)
Query	creater <i>optional</i>		string
Query	createtime <i>optional</i>		string (date-time)
Query	cscode <i>optional</i>		string

Type	Name	Description	Schema
Query	description <i>optional</i>		string
Query	exp <i>optional</i>		string
Query	id <i>optional</i>		string
Query	iscited <i>optional</i>		integer (int32)
Query	modifier <i>optional</i>		string
Query	modifytime <i>optional</i>		string (date-time)
Query	name <i>optional</i>		string
Query	projectid <i>optional</i>		string
Query	reserve02 <i>optional</i>		string
Query	reserve03 <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/calculationsensor/update/string
```

Request query

```
{  
    "active" : 0,  
    "creater" : "string",  
    "createtime" : "string",  
    "cscode" : "string",  
    "description" : "string",  
    "exp" : "string",  
    "id" : "string",  
    "iscited" : 0,  
    "modifier" : "string",  
    "modifytime" : "string",  
    "name" : "string",  
    "projectid" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.4. Corporate-controller

集 接口

2.4.1. 建新集

```
POST /corporate/createCorporate/{name}
```

Description

建新集

Parameters

Type	Name	Description	Schema
Path	name <small>required</small>	name	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/createCorporate/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.2. 建新集

```
GET /corporate/createCorporate/{name}
```

Description

建新集

Parameters

Type	Name	Description	Schema
Path	name required	name	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/createCorporate/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.3. 除集

```
POST /corporate/deleteCorporate/{corporateId}
```

Description

除集

Parameters

Type	Name	Description	Schema
Path	corporateId <small>required</small>	corporateId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/deleteCorporate/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.4. 除集

```
GET /corporate/deleteCorporate/{corporateId}
```

Description

除集

Parameters

Type	Name	Description	Schema
Path	corporateId <small>required</small>	corporateId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/deleteCorporate/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.5. 得集 到机 的数据

```
POST /corporate/getCorporateToModel
```

Description

得集 到机 的数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCorporateToModel
```

Example HTTP response

Response 200

```
"object"
```

2.4.6. 得集 到机 的数据

```
GET /corporate/getCorporateToModel
```

Description

得集 到机 的数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCorporateToModel
```

Example HTTP response

Response 200

```
"object"
```

2.4.7. 得集 到 厂的数据

```
POST /corporate/getCorporateToPowerPlant
```

Description

得集 到 厂的数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCorporateToPowerPlant
```

Example HTTP response

Response 200

```
"object"
```

2.4.8. 得集 到 厂的数据

```
GET /corporate/getCorporateToPowerPlant
```

Description

得集 到 厂的数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCorporateToPowerPlant
```

Example HTTP response

Response 200

```
"object"
```

2.4.9. 通 厂ID得到下属机 信息

```
POST /corporate/getCrewByPowerPlantID/{powerPlantID}
```

Description

通 厂ID得到下属机 信息

Parameters

Type	Name	Description	Schema
Path	powerPlantID <i>required</i>	powerPlantID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCrewByPowerPlantID/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.10. 通 厂ID得到下属机 信息

```
GET /corporate/getCrewByPowerPlantID/{powerPlantID}
```

Description

通 厂ID得到下属机 信息

Parameters

Type	Name	Description	Schema
Path	powerPlantID required	powerPlantID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getCrewByPowerPlantID/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.11. 通 工程 到模型、 、 算 点

```
POST /corporate/getModelRulePointByProjectID/{projectId}
```

Description

通 工程 到模型、 、 算 点

Parameters

Type	Name	Description	Schema
Path	projectID <small>required</small>	projectID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getModelRulePointByProjectID/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.12. 通 工程 到模型、 、 算 点

```
GET /corporate/getModelRulePointByProjectID/{projectId}
```

Description

通 工程 到模型、 、 算 点

Parameters

Type	Name	Description	Schema
Path	projectId <small>required</small>	projectId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getModelRulePointByProjectID/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.13. 通 省 code 到 省 下属的 厂

```
POST /corporate/getPowerPlantsByProvince
```

Description

通 省 code 到 省 下属的 厂

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getPowerPlantsByProvince
```

Example HTTP response

Response 200

```
"object"
```

2.4.14. 通 省 code 到 省 下属的 厂

```
GET /corporate/getPowerPlantsByProvince
```

Description

通 省 code 到 省 下属的 厂

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getPowerPlantsByProvince
```

Example HTTP response

Response 200

```
"object"
```

2.4.15. 通 机 ID 到下属工程

```
POST /corporate/getProjectByCrewID/{crewID}
```

Description

通机 ID 到下属工程

Parameters

Type	Name	Description	Schema
Path	crewID required	crewID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getProjectByCrewID/string
```

Example HTTP response

Response 200

```
"object"
```

2.4.16. 通机 ID 到下属工程

```
GET /corporate/getProjectByCrewID/{crewID}
```

Description

通机 ID 到下属工程

Parameters

Type	Name	Description	Schema
Path	crewID <small>required</small>	crewID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/corporate/getProjectByCrewID/string
```

Example HTTP response

Response 200

```
"object"
```

2.5. Equitment-info-controller

接口（ 用）

2.5.1. baseinfo

```
POST /equitment/baseinfo/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	Equipment
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/baseinfo/byid/string
```

Example HTTP response

Response 200

```
{
  "assetnature" : "string",
  "assetnumbers" : "string",
  "assetownership" : "string",
  "assetstates" : "string",
  "id" : "string",
  "kks" : "string",
  "location" : "string",
  "maintenanceteam" : "string",
  "manufacturer" : "string",
  "mediumtype" : "string",
  "model" : "string",
  "name" : "string",
  "operationalunits" : "string",
  "operationsprofessional" : "string",
  "outingdate" : "string",
  "owners" : "string",
  "powerplant" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "state" : "string",
  "system" : "string",
  "type" : "string",
  "workingdate" : "string"
}
```

2.5.2. baseinfo

```
GET /equitment/baseinfo/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	Equipment
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/baseinfo/byid/string
```

Example HTTP response

Response 200

```
{
  "assetnature" : "string",
  "assetnumbers" : "string",
  "assetownership" : "string",
  "assetstates" : "string",
  "id" : "string",
  "kks" : "string",
  "location" : "string",
  "maintenanceteam" : "string",
  "manufacturer" : "string",
  "mediumtype" : "string",
  "model" : "string",
  "name" : "string",
  "operationalunits" : "string",
  "operationsprofessional" : "string",
  "outingdate" : "string",
  "owners" : "string",
  "powerplant" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "state" : "string",
  "system" : "string",
  "type" : "string",
  "workingdate" : "string"
}
```

2.5.3. componentList

POST /equitment/components/byid/{siecode}



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenComponent > array

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/components/byid/string
```

Example HTTP response

Response 200

```
[ {
  "designParametersList" : [ {
    "componentid" : "string",
    "description" : "string",
    "id" : 0,
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "title" : "string",
    "type" : "string",
    "unit" : "string",
    "value" : "string"
  } ],
  "id" : "string",
  "manufacturer" : "string",
  "model" : "string",
  "name" : "string",
  "type" : "string",
  "workingdate_str" : "string"
} ]
```

2.5.4. componentList

```
GET /equitment/components/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenComponent > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/components/byid/string
```

Example HTTP response

Response 200

```
[ {
  "designParametersList" : [ {
    "componentid" : "string",
    "description" : "string",
    "id" : 0,
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "title" : "string",
    "type" : "string",
    "unit" : "string",
    "value" : "string"
  } ],
  "id" : "string",
  "manufacturer" : "string",
  "model" : "string",
  "name" : "string",
  "type" : "string",
  "workingdate_str" : "string"
} ]
```

2.5.5. equipmentDesignParameters

POST /equitment/design_parameters/byid/{siecode}



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< EquipmentDesignParameters> array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/design_parameters/byid/string
```

Example HTTP response

Response 200

```
[ {  
    "description" : "string",  
    "equitmentid" : "string",  
    "id" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "title" : "string",  
    "type" : "string",  
    "unit" : "string",  
    "value" : "string"  
} ]
```

2.5.6. equipmentDesignParameters

```
GET /equitment/design_parameters/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <i>required</i>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< EquipmentDesign Parameters > array
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/design_parameters/byid/string
```

Example HTTP response

Response 200

```
[ {
  "description" : "string",
  "equitmentid" : "string",
  "id" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "title" : "string",
  "type" : "string",
  "unit" : "string",
  "value" : "string"
} ]
```

2.5.7. navigation

```
POST /equitment/navigation/byid/{siecode}/{language}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	language <small>required</small>	language	string
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/navigation/byid/string/string
```

Example HTTP response

Response 200

```
"object"
```

2.5.8. navigation

```
GET /equitment/navigation/byid/{siecode}/{language}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	language required	language	string
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/navigation/byid/string/string
```

Example HTTP response

Response 200

```
"object"
```

2.5.9. sensorList

```
POST /equitment/sensors/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< Sensor > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/sensors/byid/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmType" : 0,  
    "rangedown" : "string",  
    "rangeunit" : "string",  
    "rangeup" : "string",  
    "siecode" : "string",  
    "title" : "string"  
} ]
```

2.5.10. sensorList

```
GET /equitment/sensors/byid/{siecode}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< Sensor > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/equitment/sensors/byid/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmType" : 0,  
    "rangedown" : "string",  
    "rangeunit" : "string",  
    "rangeup" : "string",  
    "siecode" : "string",  
    "title" : "string"  
} ]
```

2.6. Health-index-controller

健康度接口（ 用）

2.6.1. selectNavigationTree

```
POST /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.2. selectNavigationTree

```
GET /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.3. selectNavigationTree

```
PUT /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.4. selectNavigationTree

```
DELETE /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.5. selectNavigationTree

```
PATCH /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.6. selectNavigationTree

```
HEAD /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.6.7. selectNavigationTree

```
OPTIONS /HealthIndex/navigationtree
```



operation.deprecated

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/HealthIndex/navigationtree
```

Example HTTP response

Response 200

```
"object"
```

2.7. Import-controller

入 出接口

2.7.1. 将工程信息 出到文件

```
POST /import/startExport/{projectid}
```

Description

将工程信息 出到文件

Parameters

Type	Name	Description	Schema
Body	projectid <small>required</small>	工程id	String

Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/startExport/{projectid}
```

Example HTTP response

Response 200

```
"string"
```

2.7.2. 将工程信息 出到文件

```
GET /import/startExport/{projectid}
```

Description

将工程信息 出到文件

Parameters

Type	Name	Description	Schema
Body	projectid <small>required</small>	工程id	String

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/startExport/{projectid}
```

Example HTTP response

Response 200

```
"string"
```

2.7.3. 将工程文件信息 入系

```
POST /import/startImport
```

Description

将工程文件信息 入系

Parameters

Type	Name	Schema
Query	projectId <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/startImport
```

Request query

```
{
  "projectId" : "string"
}
```

Example HTTP response

Response 200

```
"string"
```

2.7.4. 将工程文件信息 入系

```
GET /import/startImport
```

Description

将工程文件信息 入系

Parameters

Type	Name	Schema
Query	projectId <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/startImport
```

Request query

```
{
  "projectId" : "string"
}
```

Example HTTP response

Response 200

```
"string"
```

2.7.5. 通 工程文件和工程id上 并解析工程文件

```
POST /import/upload/{projectid}
```

Description

通 工程文件和工程id上 并解析工程文件

Parameters

Type	Name	Description	Schema
Body	projectid <small>required</small>	工程id	String

Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/upload/{projectid}
```

Example HTTP response

Response 200

```
"string"
```

2.7.6. 通 工程文件和工程id上 并解析工程文件

```
GET /import/upload/{projectid}
```

Description

通 工程文件和工程id上 并解析工程文件

Parameters

Type	Name	Description	Schema
Body	projectid <small>required</small>	工程id	String

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/import/upload/{projectid}
```

Example HTTP response

Response 200

```
"string"
```

2.8. Integrated-alarm-controller

集中告警接口

2.8.1. 取告警信息列表

```
POST /integratedAlarm/alarmInfoList
```

Description

支持分页，多条件查询，排序等混合功能

Parameters

Type	Name	Description	Schema
Body	branch <small>required</small>	分公司	string

Type	Name	Description	Schema
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	page required	求的 数	string
Body	plant required	厂	string
Body	project required	工程	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/alarmInfoList
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.2. 取告警信息列表

```
GET /integratedAlarm/alarmInfoList
```

Description

支持分页，多条件筛选，排序等混合功能

Parameters

Type	Name	Description	Schema
Body	branch required	分公司	string
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊查询内容	string

Type	Name	Description	Schema
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	page required	求的 数	string
Body	plant required	厂	string
Body	project required	工程	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/alarmInfoList
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.3. 告警信息接口

```
POST /integratedAlarm/confirm
```

Description

告警信息接口

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警id	integer (int32)
Body	level <small>required</small>	修改告警	integer (int32)
Body	operationcode <small>required</small>	修改告警状	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/confirm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.4. 告警信息接口

```
GET /integratedAlarm/confirm
```

Description

告警信息接口

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警id	integer (int32)
Body	level <small>required</small>	修改告警	integer (int32)
Body	operationcode <small>required</small>	修改告警状	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/confirm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.5. 条件的定 信息

```
POST /integratedAlarm/filtercondition/{siecode}
```

Description

条件的定 信息

Parameters

Type	Name	Description	Schema
Path	siecode <i>required</i>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/filtercondition/string
```

Example HTTP response

Response 200

```
"object"
```

2.8.6. 条件的定 信息

```
GET /integratedAlarm/filtercondition/{siecode}
```

Description

条件的定 信息

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/filtercondition/string
```

Example HTTP response

Response 200

```
"object"
```

2.8.7. 当前用 次 之 的新告警数

```
POST /integratedAlarm/newalarm
```

Description

当前用 次 之 的新告警数

Parameters

Type	Name	Description	Schema
Body	branch required	分公司	string
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	plant required	厂	string
Body	project required	工程	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string

Type	Name	Description	Schema
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/newalarm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.8. 当前用 次 之 的新告警数

```
GET /integratedAlarm/newalarm
```

Description

当前用 次 之 的新告警数

Parameters

Type	Name	Description	Schema
Body	branch required	分公司	string
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	plant required	厂	string
Body	project required	工程	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/newalarm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.9. 条件的定 信息

```
POST /integratedAlarm/plantfiltercondition/{siecode}
```

Description

条件的定 信息

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/plantfiltercondition/string
```

Example HTTP response

Response 200

```
"object"
```

2.8.10. 条件的定 信息

```
GET /integratedAlarm/plantfiltercondition/{siecode}
```

Description

条件的定 信息

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/plantfiltercondition/string
```

Example HTTP response

Response 200

"object"

2.8.11. 厂的新告警信息

POST /integratedAlarm/plantnewalarm

Description

厂的新告警信息

Parameters

Type	Name	Description	Schema
Body	branch <small>required</small>	分公司	string
Body	corporate <small>required</small>	集	string
Body	crew <small>required</small>	机	string
Body	filterString <small>required</small>	模糊 内容	string
Body	ifRefresh <small>required</small>	是否刷新	Boolean
Body	level <small>required</small>	告警	integer (int32)
Body	orderBy <small>required</small>	排序字段	string
Body	orderway <small>required</small>	排序方式	string
Body	plant <small>required</small>	厂	string
Body	project <small>required</small>	工程	string
Body	source <small>required</small>	1、模型告警；2、 告警	string
Body	speciality <small>required</small>		string
Body	status <small>required</small>	告警状	string
Body	system <small>required</small>	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/plantnewalarm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.12. 厂的新告警信息

```
GET /integratedAlarm/plantnewalarm
```

Description

厂的新告警信息

Parameters

Type	Name	Description	Schema
Body	branch <small>required</small>	分公司	string
Body	corporate <small>required</small>	集	string

Type	Name	Description	Schema
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	plant required	厂	string
Body	project required	工程	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/plantnewalarm
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.13. 厂 告警信息列表

```
POST /integratedAlarm/planrulealarminfo
```

Description

厂 告警信息列表

Parameters

Type	Name	Description	Schema
Body	branch required	分公司	string
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	page required	求的 数	string
Body	plant required	厂	string
Body	project required	工程	string

Type	Name	Description	Schema
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/planrulealarminfo
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.14. 厂 告警信息列表

GET /integratedAlarm/planrulealarminfo

Description

厂 告警信息列表

Parameters

Type	Name	Description	Schema
Body	branch required	分公司	string
Body	corporate required	集	string
Body	crew required	机	string
Body	filterString required	模糊 内容	string
Body	ifRefresh required	是否刷新	Boolean
Body	level required	告警	integer (int32)
Body	orderBy required	排序字段	string
Body	orderway required	排序方式	string
Body	page required	求的 数	string
Body	plant required	厂	string
Body	project required	工程	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string
Body	source required	1、模型告警；2、 告警	string
Body	speciality required		string

Type	Name	Description	Schema
Body	status required	告警状	string
Body	system required	系	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/planrulealarminfo
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.15. 理告警信息接口

```
POST /integratedAlarm/solve
```

Description

理告警信息接口

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警id	integer (int32)
Body	proposal <small>required</small>	理意	string
Body	solvepeople <small>required</small>	理人	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/solve
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.16. 理告警信息接口

```
GET /integratedAlarm/solve
```

Description

理告警信息接口

Parameters

Type	Name	Description	Schema
Body	id <small>required</small>	告警id	integer (int32)
Body	proposal <small>required</small>	理意	string
Body	solvepeople <small>required</small>	理人	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/solve
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.8.17. 取集中告警 接口

```
POST /integratedAlarm/tree
```

Description

取集中告警 接口

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/tree
```

Example HTTP response

Response 200

```
"object"
```

2.8.18. 取集中告警 接口

```
GET /integratedAlarm/tree
```

Description

取集中告警 接口

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/integratedAlarm/tree
```

Example HTTP response

Response 200

```
"object"
```

2.9. Mock-controller

Mock Controller

2.9.1. testPost

```
POST /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.2. testPost

```
GET /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.3. testPost

```
PUT /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.4. testPost

```
DELETE /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.5. testPost

```
PATCH /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.6. testPost

```
HEAD /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.9.7. testPost

```
OPTIONS /mock/testpost
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/mock/testpost
```

Example HTTP response

Response 200

```
"object"
```

2.10. Navigation-controller

(接口 用)

2.10.1. viewTree

```
POST /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.2. viewTree

```
GET /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.3. viewTree

```
PUT /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.4. viewTree

```
DELETE /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.5. viewTree

```
PATCH /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.6. viewTree

```
HEAD /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.10.7. viewTree

```
OPTIONS /navigation/view/tree/{id}
```



operation.deprecated

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< object > array
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Example HTTP request

Request path

```
/navigation/view/tree/0
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.11. Page-controller

用 登 登出接口

2.11.1. 用 登

```
POST /login
```

Description

用 登 接口

Parameters

Type	Name	Description	Schema
Query	department <i>optional</i>		string
Query	email <i>optional</i>		string
Query	employeenum <i>optional</i>		string

Type	Name	Description	Schema
Query	groupid <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	isdistributed <i>optional</i>		integer (int32)
Query	lv <i>optional</i>		string
Query	parentid <i>optional</i>		integer (int32)
Query	passwd <i>required</i>	密	string
Query	phone <i>optional</i>		string
Query	post <i>optional</i>		string
Query	reserve01 <i>optional</i>		string
Query	reserve02 <i>optional</i>		string
Query	reserve03 <i>optional</i>		string
Query	sex <i>optional</i>		integer (int32)
Query	ssoid <i>optional</i>		integer (int32)
Query	truename <i>optional</i>		string
Query	userlevelid <i>optional</i>		integer (int32)
Query	username <i>required</i>	用 名	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/login
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeenum" : "string",
  "groupid" : "string",
  "id" : 0,
  "isdistributed" : 0,
  "lv" : "string",
  "parentid" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "sex" : 0,
  "ssoid" : 0,
  "truename" : "string",
  "userlevelid" : 0,
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.11.2. 用 登

```
GET /login
```

Description

用 登 接口

Parameters

Type	Name	Description	Schema
Query	department <i>optional</i>		string
Query	email <i>optional</i>		string
Query	employeenum <i>optional</i>		string
Query	groupid <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	isdistributed <i>optional</i>		integer (int32)
Query	lv <i>optional</i>		string
Query	parentid <i>optional</i>		integer (int32)
Query	passwd <i>required</i>	密	string
Query	phone <i>optional</i>		string
Query	post <i>optional</i>		string
Query	reserve01 <i>optional</i>		string
Query	reserve02 <i>optional</i>		string
Query	reserve03 <i>optional</i>		string
Query	sex <i>optional</i>		integer (int32)
Query	ssoid <i>optional</i>		integer (int32)
Query	truename <i>optional</i>		string
Query	userlevelid <i>optional</i>		integer (int32)

Type	Name	Description	Schema
Query	username required	用 名	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/login
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeenum" : "string",
  "groupid" : "string",
  "id" : 0,
  "isdistributed" : 0,
  "lv" : "string",
  "parentid" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "sex" : 0,
  "ssoid" : 0,
  "truename" : "string",
  "userlevelid" : 0,
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.11.3. 用 登出

```
POST /logout
```

Description

用 登出接口

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/logout
```

Example HTTP response

Response 200

```
"object"
```

2.11.4. 用 登出

```
GET /logout
```

Description

用 登出接口

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/logout
```

Example HTTP response

Response 200

```
"object"
```

2.11.5. 取用 限列表old

```
POST /routeArray
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/routeArray
```

Example HTTP response

Response 200

```
"object"
```

2.11.6. 取用 限列表old

```
GET /routeArray
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/routeArray
```

Example HTTP response

Response 200

```
"object"
```

2.12. Permission-controller

限接口

2.12.1. 是否存在同名的 限名

```
POST /permission/checkDoublePermissionName
```

Description

是否存在同名的 限名

Parameters

Type	Name	Description	Schema
Query	authoritylist <i>optional</i>		string
Query	groupID <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	roleItemID <i>optional</i>		string
Query	roledescription <i>optional</i>		string
Body	rolename <i>required</i>	角色名称	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/checkDoublePermissionName
```

Request query

```
{
  "authoritylist" : "string",
  "groupID" : "string",
  "id" : 0,
  "roleItemID" : "string",
  "roledescription" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.12.2. 是否存在同名的 限名

```
GET /permission/checkDoublePermissionName
```

Description

是否存在同名的 限名

Parameters

Type	Name	Description	Schema
Query	authoritylist <i>optional</i>		string

Type	Name	Description	Schema
Query	groupID <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	roleItemID <i>optional</i>		string
Query	roledescription <i>optional</i>		string
Body	rolename <i>required</i>	角色名称	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/checkDoublePermissionName
```

Request query

```
{
  "authoritylist" : "string",
  "groupID" : "string",
  "id" : 0,
  "roleItemID" : "string",
  "roledescription" : "string"
}
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.12.3. 得 限 置数据

```
POST /permission/getAllMenuOperations
```

Description

得 限 置数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getAllMenuOperations
```

Example HTTP response

Response 200

```
"object"
```

2.12.4. 得 限 置数据

```
GET /permission/getAllMenuOperations
```

Description

得 限 置数据

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getAllMenuOperations
```

Example HTTP response

Response 200

```
"object"
```

2.12.5. 通 得到下属的 限 (未分)

```
POST /permission/getAllPermissionByGroupID/{groupID}
```

Description

通 得到下属的 限 (未分)

Parameters

Type	Name	Description	Schema
Path	groupID <small>required</small>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getAllPermissionByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.12.6. 通 得到下属的 限 (未分)

```
GET /permission/getAllPermissionByGroupID/{groupID}
```

Description

通 得到下属的 限 (未分)

Parameters

Type	Name	Description	Schema
Path	groupID required	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getAllPermissionByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.12.7. 通 得到下属的 限

```
POST /permission/getPermissionByGroupID/{groupID}
```

Description

通 得到下属的 限

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊 参数	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getPermissionByGroupID/string
```

Request query

```
{
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.12.8. 通 得到下属的 限

```
GET /permission/getPermissionByGroupID/{groupID}
```

Description

通 得到下属的 限

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊 参数	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getPermissionByGroupID/string
```

Request query

```
{
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.12.9. getRoleDetail

```
POST /permission/getPermissionDetail/{permissionID}
```

Parameters

Type	Name	Description	Schema
Path	permissionID <small>required</small>	permissionID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getPermissionDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.12.10. getRoleDetail

```
GET /permission/getPermissionDetail/{permissionID}
```

Parameters

Type	Name	Description	Schema
Path	permissionID required	permissionID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/getPermissionDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.12.11. 除 限

```
POST /permission/removePermission/{permissionID}
```

Description

除 限

Parameters

Type	Name	Description	Schema
Path	permissionID required	permissionID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/removePermission/0
```

Example HTTP response

Response 200

```
"object"
```

2.12.12. 除 限

```
GET /permission/removePermission/{permissionID}
```

Description

除 限

Parameters

Type	Name	Description	Schema
Path	permissionID <i>required</i>	permissionID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/removePermission/{id}
```

Example HTTP response

Response 200

```
"object"
```

2.12.13. 新 /修改 限

```
POST /permission/saveOrUpdate
```

Description

新 /修改 限

Parameters

Type	Name	Description	Schema
Body	authoritylist required	限列表	string
Body	groupID required		string
Body	id required	id	integer (int32)
Body	roleItemID required		string
Body	roledescription required	角色描述	string
Body	rolename required	角色名称	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/saveOrUpdate
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.12.14. 新 /修改 限

```
GET /permission/saveOrUpdate
```

Description

新 /修改 限

Parameters

Type	Name	Description	Schema
Body	authoritylist <small>required</small>	限列表	string
Body	groupID <small>required</small>		string

Type	Name	Description	Schema
Body	id <small>required</small>	id	integer (int32)
Body	roleItemID <small>required</small>		string
Body	roledescription <small>required</small>	角色描述	string
Body	rolename <small>required</small>	角色名称	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/permission/saveOrUpdate
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.13. Roles-controller

角色接口

2.13.1. 是否存在同名的角色名

POST /roles/checkDoubleRoleName

Description

是否存在同名的角色名

Parameters

Type	Name	Description	Schema
Query	description <i>optional</i>		string
Query	groupID <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	name <i>required</i>	名称	string
Query	permissionID <i>optional</i>		integer (int32)
Query	sourceID <i>optional</i>		integer (int32)
Query	userID <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/roles/checkDoubleRoleName

Request query

```
{  
    "description" : "string",  
    "groupID" : "string",  
    "id" : 0,  
    "name" : "string",  
    "permissionID" : 0,  
    "sourceID" : 0,  
    "userID" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.2. 是否存在同名的角色名

```
GET /roles/checkDoubleRoleName
```

Description

是否存在同名的角色名

Parameters

Type	Name	Description	Schema
Query	description <i>optional</i>		string
Query	groupID <i>optional</i>		string
Query	id <i>optional</i>		integer (int32)
Query	name <i>required</i>	名称	string
Query	permissionID <i>optional</i>		integer (int32)
Query	sourceID <i>optional</i>		integer (int32)
Query	userID <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/checkDoubleRoleName
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "name" : "string",
  "permissionID" : 0,
  "sourceID" : 0,
  "userID" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.3. 新 /更新角色

```
POST /roles/createOrUpdate
```

Description

新 /更新角色

Parameters

Type	Name	Description	Schema
Query	description required	描述	string
Query	groupID required		string
Query	id optional	id	integer (int32)
Query	name required	名称	string
Query	permissionID required	限id	integer (int32)
Query	sourceID required	源id	integer (int32)
Query	userID required	用 id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/createOrUpdate
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "name" : "string",
  "permissionID" : 0,
  "sourceID" : 0,
  "userID" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.4. 新 /更新角色

```
GET /roles/createOrUpdate
```

Description

新 /更新角色

Parameters

Type	Name	Description	Schema
Query	description <i>required</i>	描述	string
Query	groupID <i>required</i>		string
Query	id <i>optional</i>	id	integer (int32)
Query	name <i>required</i>	名称	string
Query	permissionID <i>required</i>	限id	integer (int32)
Query	sourceID <i>required</i>	源id	integer (int32)
Query	userID <i>required</i>	用 id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/createOrUpdate
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "name" : "string",
  "permissionID" : 0,
  "sourceID" : 0,
  "userID" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.5. 除 个信息

```
POST /roles/delete/{id}
```

Description

除 个信息

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.13.6. 除一个信息

```
GET /roles/delete/{id}
```

Description

除一个信息

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.13.7. 通 取所有角色信息

```
POST /roles/getAllRolesByGroupID/{groupID}
```

Description

通 取所有角色信息

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getAllRolesByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.13.8. 通 取所有角色信息

```
GET /roles/getAllRolesByGroupID/{groupID}
```

Description

通 取所有角色信息

Parameters

Type	Name	Description	Schema
Path	groupID required	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getAllRolesByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.13.9. 通 角色ID得到角色 情

```
POST /roles/getRoleDetail/{roleID}
```

Description

通 角色ID得到角色 情

Parameters

Type	Name	Description	Schema
Path	roleID required	roleID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getRoleDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.13.10. 通 角色ID得到角色 情

```
GET /roles/getRoleDetail/{roleID}
```

Description

通 角色ID得到角色 情

Parameters

Type	Name	Description	Schema
Path	roleID <i>required</i>	roleID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getRoleDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.13.11. 通

取所有角色信息

```
POST /roles/getRolesByGroupID/{groupID}
```

Description

通 取所有角色信息

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊 参数	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getRolesByGroupID/string
```

Request query

```
{
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.12. 通 取所有角色信息

```
GET /roles/getRolesByGroupID/{groupID}
```

Description

通 取所有角色信息

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊 参数	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/getRolesByGroupID/string
```

Request query

```
{
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.13. 除角色

```
POST /roles/removeRole/{roleID}
```

Description

除角色

Parameters

Type	Name	Description	Schema
Path	roleID <small>required</small>	roleID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/removeRole/0
```

Example HTTP response

Response 200

```
"object"
```

2.13.14. 除角色

```
GET /roles/removeRole/{roleID}
```

Description

除角色

Parameters

Type	Name	Description	Schema
Path	roleID <i>required</i>	roleID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/removeRole/{id}
```

Example HTTP response

Response 200

```
"object"
```

2.13.15. 新 或者更新

```
POST /roles/saveorupdate
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	authoritylist <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	roleItemID <i>optional</i>	string
Query	roledescription <i>optional</i>	string
Query	rolename <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/saveorupdate
```

Request query

```
{
  "authoritylist" : "string",
  "groupID" : "string",
  "id" : 0,
  "roleItemID" : "string",
  "roledescription" : "string",
  "rolename" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.16. 新 或者更新

```
GET /roles/saveorupdate
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	authoritylist <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	roleItemID <i>optional</i>	string
Query	roledescription <i>optional</i>	string
Query	rolename <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/saveorupdate
```

Request query

```
{
  "authoritylist" : "string",
  "groupID" : "string",
  "id" : 0,
  "roleItemID" : "string",
  "roledescription" : "string",
  "rolename" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.13.17. 通 roleId 限列表

```
POST /roles/view/authorities/{id}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< Powers > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/authorities/0
```

Example HTTP response

Response 200

```
[ {  
    "id" : 0,  
    "powerdescription" : "string",  
    "powername" : "string",  
    "poweruri" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.13.18. 通 roleId 限列表

```
GET /roles/view/authorities/{id}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< Powers > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/authorities/0
```

Example HTTP response

Response 200

```
[ {  
    "id" : 0,  
    "powerdescription" : "string",  
    "powername" : "string",  
    "poweruri" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.13.19. 限列表（不分 ， 所有数据）

```
POST /roles/view/authorities_all
```

Description

限列表（不分 ， 所有数据）

Responses

HTTP Code	Description	Schema
200	OK	< Powers > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/authorities_all
```

Example HTTP response

Response 200

```
[ {  
    "id" : 0,  
    "powerdescription" : "string",  
    "powername" : "string",  
    "poweruri" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.13.20. 限列表（不分 ， 所有数据）

```
GET /roles/view/authorities_all
```

Description

限列表（不分 ， 所有数据）

Responses

HTTP Code	Description	Schema
200	OK	< Powers > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/authorities_all
```

Example HTTP response

Response 200

```
[ {  
    "id" : 0,  
    "powerdescription" : "string",  
    "powername" : "string",  
    "poweruri" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.13.21. 列表接口(分)

POST /roles/view/list



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«ScreenRole»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/roles/view/list

Example HTTP response

Response 200

```
{  
    "data" : [ {  
        "id" : 0,  
        "roledescription" : "string",  
        "rolename" : "string",  
        "used" : true,  
        "userIdStrArray" : "string",  
        "userNameStrArray" : "string",  
        "users" : [ {  
            "department" : "string",  
            "email" : "string",  
            "employeenum" : "string",  
            "groupid" : "string",  
            "id" : 0,  
            "isdistributed" : 0,  
            "lv" : "string",  
            "parentid" : 0,  
            "passwd" : "string",  
            "phone" : "string",  
            "post" : "string",  
            "reserve01" : "string",  
            "reserve02" : "string",  
            "reserve03" : "string",  
            "sex" : 0,  
            "ssoid" : 0,  
            "truename" : "string",  
            "userlevelid" : 0,  
            "username" : "string"  
        } ]  
    } ],  
    "draw" : 0,  
    "error" : "string",  
    "recordsFiltered" : 0,  
    "recordsTotal" : 0  
}
```

2.13.22. 列表接口(分)

GET /roles/view/list



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«ScreenRole»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/list
```

Example HTTP response

Response 200

```
{  
    "data" : [ {  
        "id" : 0,  
        "roledescription" : "string",  
        "rolename" : "string",  
        "used" : true,  
        "userIdStrArray" : "string",  
        "userNameStrArray" : "string",  
        "users" : [ {  
            "department" : "string",  
            "email" : "string",  
            "employeenum" : "string",  
            "groupid" : "string",  
            "id" : 0,  
            "isdistributed" : 0,  
            "lv" : "string",  
            "parentid" : 0,  
            "passwd" : "string",  
            "phone" : "string",  
            "post" : "string",  
            "reserve01" : "string",  
            "reserve02" : "string",  
            "reserve03" : "string",  
            "sex" : 0,  
            "ssoid" : 0,  
            "truename" : "string",  
            "userlevelid" : 0,  
            "username" : "string"  
        } ]  
    } ],  
    "draw" : 0,  
    "error" : "string",  
    "recordsFiltered" : 0,  
    "recordsTotal" : 0  
}
```

2.13.23. 通限id集合的用集合（并集）

POST /roles/view/userlist



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«ScreenUser»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/userlist
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "email" : "string",
    "employeenum" : "string",
    "id" : 0,
    "phone" : "string",
    "post" : "string",
    "sex" : "string",
    "truename" : "string",
    "username" : "string"
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.13.24. 通过 id 集合的用集合（并集）

```
GET /roles/view/userlist
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«ScreenUser»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/roles/view/userlist
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "email" : "string",
    "employeenum" : "string",
    "id" : 0,
    "phone" : "string",
    "post" : "string",
    "sex" : "string",
    "truename" : "string",
    "username" : "string"
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.14. Rule-controller

接口

2.14.1. 的告警列表

```
POST /rule/alarmList/{ruleid}
```

Description

的告警列表

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/alarmList/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.2. 的告警列表

```
GET /rule/alarmList/{ruleid}
```

Description

的告警列表

Parameters

Type	Name	Description	Schema
Path	ruleid required	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/alarmList/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.3. 工程下的告警 列表

```
POST /rule/alarmListRules/{projectid}
```

Description

工程下的告警 列表

Parameters

Type	Name	Description	Schema
Path	projectid <small>required</small>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/alarmListRules/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.4. 工程下的告警 列表

```
GET /rule/alarmListRules/{projectid}
```

Description

工程下的告警 列表

Parameters

Type	Name	Description	Schema
Path	projectid <small>required</small>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/alarmListRules/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.5. 修改 告警状

```
POST /rule/changeStatus/{ruleid}/{status}
```

Description

修改 告警状

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string
Path	status <i>required</i>	status	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/changeStatus/string/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.6. 修改 告警状

```
GET /rule/changeStatus/{ruleid}/{status}
```

Description

修改 告警状

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string
Path	status <i>required</i>	status	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/changeStatus/string/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.7. 除

```
POST /rule/delete/{ruleid}
```

Description

除

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.8. 除

```
GET /rule/delete/{ruleid}
```

Description

除

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.9. 取可用 点列表

```
POST /rule/getPoints
```

Description

取可用 点列表

Parameters

Type	Name	Description	Schema
Query	pointsType <i>required</i>	1: 点 ; 2: 算点 ; 3: 点	string
Query	projectid <i>required</i>	工程	string
Query	regex <i>required</i>	模糊 条件	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/getPoints
```

Request query

```
{
  "pointsType" : "string",
  "projectid" : "string",
  "regex" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.14.10. 取可用 点列表

```
GET /rule/getPoints
```

Description

取可用 点列表

Parameters

Type	Name	Description	Schema
Query	pointsType <i>required</i>	1: 点 ; 2 : 算 点 ; 3: 点	string
Query	projectid <i>required</i>	工程	string
Query	regex <i>required</i>	模糊 条件	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/getPoints
```

Request query

```
{  
    "pointsType" : "string",  
    "projectid" : "string",  
    "regex" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.14.11. 工程下的 列表

```
POST /rule/listRules/{projectid}
```

Description

工程下的 列表

Parameters

Type	Name	Description	Schema
Path	projectid <small>required</small>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/listRules/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.12. 工程下的 列表

```
GET /rule/listRules/{projectId}
```

Description

工程下的 列表

Parameters

Type	Name	Description	Schema
Path	projectId <small>required</small>	projectId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/listRules/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.13. 取 分析的 果

POST /rule/overview/analysis

Description

取 分析的 果

Parameters

Type	Name	Description	Schema
Query	bgttime <i>required</i>	始	string (date-time)
Query	endtime <i>required</i>	束	string (date-time)
Query	ruleId <i>required</i>		string
Query	version <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/rule/overview/analysis

Request query

```
{
  "bgtime" : "string",
  "endtime" : "string",
  "ruleId" : "string",
  "version" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.14.14. 取 分析的 果

```
GET /rule/overview/analysis
```

Description

取 分析的 果

Parameters

Type	Name	Description	Schema
Query	bgtime <i>required</i>	始	string (date-time)
Query	endtime <i>required</i>	束	string (date-time)
Query	ruleId <i>required</i>		string
Query	version <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/overview/analysis
```

Request query

```
{
    "bgtime" : "string",
    "endtime" : "string",
    "ruleId" : "string",
    "version" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.14.15. 取 隔

```
POST /rule/overview/intervaltime/{ruleid}
```

Description

取 隔

Parameters

Type	Name	Description	Schema
Path	ruleid <small>required</small>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/overview/intervaltimes/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.16. 取 隔

```
GET /rule/overview/intervaltimes/{ruleid}
```

Description

取 隔

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/overview/intervaltimes/string
```

Example HTTP response

Response 200

```
"object"
```

2.14.17. 取告警隔

```
POST /rule/rulealarm/intervaltimes/{alarmid}
```

Description

取告警隔

Parameters

Type	Name	Description	Schema
Path	alarmid required	alarmid	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/rulealarm/intervaltimes/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.18. 取告警隔

```
GET /rule/rulealarm/intervaltime/{alarmid}
```

Description

取告警隔

Parameters

Type	Name	Description	Schema
Path	alarmid <i>required</i>	alarmid	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/rulealarm/intervaltime/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.19. 新

POST /rule/save

Description

新 列表

Parameters

Type	Name	Description	Schema
Query	ruleJsonStr <i>required</i>	的json串数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/rule/save

Request query

```
{  
  "ruleJsonStr" : "string"  
}
```

Example HTTP response

Response 200

"object"

2.14.20. 新

GET /rule/save

Description

新 列表

Parameters

Type	Name	Description	Schema
Query	ruleJsonStr <i>required</i>	的json串数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/rule/save

Request query

```
{  
  "ruleJsonStr" : "string"  
}
```

Example HTTP response

Response 200

"object"

2.14.21. 条告警

```
POST /rule/singleAlarm/{alarmId}
```

Description

条告警

Parameters

Type	Name	Description	Schema
Path	alarmId <i>required</i>	alarmId	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/singleAlarm/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.22. 条告警

```
GET /rule/singleAlarm/{alarmId}
```

Description

一条告警

Parameters

Type	Name	Description	Schema
Path	alarmId <i>required</i>	alarmId	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/singleAlarm/0
```

Example HTTP response

Response 200

```
"object"
```

2.14.23. 更新

```
POST /rule/update
```

Description

更新 列表

Parameters

Type	Name	Description	Schema
Query	ruleJsonStr required	的json串数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/update
```

Request query

```
{
  "ruleJsonStr" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.14.24. 更新

```
GET /rule/update
```

Description

更新 列表

Parameters

Type	Name	Description	Schema
Query	ruleJsonStr required	的json串数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/rule/update
```

Request query

```
{
  "ruleJsonStr" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.15. Sensor-validation-controller

点 接口

2.15.1. 除 个 点

```
POST /sensorValidation/deleteVsRule/{id}
```

Description

除 个 点

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/deleteVsRule/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.2. 除 个 点

```
GET /sensorValidation/deleteVsRule/{id}
```

Description

除 个 点

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/deleteVsRule/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.3. 修改 点

```
POST /sensorValidation/modifyVsRule
```

Description

修改 点

Parameters

Type	Name	Schema
Query	creater <small>optional</small>	string
Query	createtime <small>optional</small>	string (date-time)
Query	erraticactive <small>optional</small>	integer (int32)

Type	Name	Schema
Query	erraticdbwidth <i>optional</i>	number
Query	erraticrdbbreaks <i>optional</i>	integer (int64)
Query	erratictime <i>optional</i>	integer (int64)
Query	failureabsgradthresh <i>optional</i>	number
Query	failurelowerlimit <i>optional</i>	number
Query	failurelowerlimitactive <i>optional</i>	integer (int32)
Query	failurerelgradthresh <i>optional</i>	number
Query	failureupperlimit <i>optional</i>	number
Query	failureupperlimitactive <i>optional</i>	integer (int32)
Query	gradactive <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lockedactive <i>optional</i>	integer (int32)
Query	lockeddbwidth <i>optional</i>	number
Query	locktime <i>optional</i>	integer (int64)
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	redundantactive <i>optional</i>	integer (int32)
Query	redundantdbwidth <i>optional</i>	number
Query	redundantgroupno <i>optional</i>	integer (int64)
Query	refer <i>optional</i>	integer (int32)

Type	Name	Schema
Query	sensorid <i>optional</i>	string
Query	sensorname <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/modifyVsRule
```

Request query

```
{  
    "creater" : "string",  
    "createtime" : "string",  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erratictime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensornname" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.4. 修改 点

```
GET /sensorValidation/modifyVsRule
```

Description

修改 点

Parameters

Type	Name	Schema
Query	creator <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	erraticactive <i>optional</i>	integer (int32)
Query	erraticdbwidth <i>optional</i>	number
Query	erraticrdbbreaks <i>optional</i>	integer (int64)
Query	erratictime <i>optional</i>	integer (int64)
Query	failureabsgradthresh <i>optional</i>	number
Query	failurelowerlimit <i>optional</i>	number
Query	failurelowerlimitactive <i>optional</i>	integer (int32)
Query	failurerelgradthresh <i>optional</i>	number
Query	failureupperlimit <i>optional</i>	number
Query	failureupperlimitactive <i>optional</i>	integer (int32)
Query	gradactive <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lockedactive <i>optional</i>	integer (int32)
Query	lockeddbwidth <i>optional</i>	number
Query	locktime <i>optional</i>	integer (int64)
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	redundantactive <i>optional</i>	integer (int32)

Type	Name	Schema
Query	redundantdbwidth <i>optional</i>	number
Query	redundantgroupno <i>optional</i>	integer (int64)
Query	refer <i>optional</i>	integer (int32)
Query	sensorid <i>optional</i>	string
Query	sensorname <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/modifyVsRule
```

Request query

```
{  
    "creater" : "string",  
    "createtime" : "string",  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erraticitime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensornname" : "string"  
}  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.5. 新 点

```
POST /sensorValidation/saveVsRule
```

Description

新 点

Parameters

Type	Name	Schema
Query	creator <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	erraticactive <i>optional</i>	integer (int32)
Query	erraticdbwidth <i>optional</i>	number
Query	erraticrdbbreaks <i>optional</i>	integer (int64)
Query	erratictime <i>optional</i>	integer (int64)
Query	failureabsgradthresh <i>optional</i>	number
Query	failurelowerlimit <i>optional</i>	number
Query	failurelowerlimitactive <i>optional</i>	integer (int32)
Query	failurerelgradthresh <i>optional</i>	number
Query	failureupperlimit <i>optional</i>	number
Query	failureupperlimitactive <i>optional</i>	integer (int32)
Query	gradactive <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lockedactive <i>optional</i>	integer (int32)
Query	lockeddbwidth <i>optional</i>	number
Query	locktime <i>optional</i>	integer (int64)
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	redundantactive <i>optional</i>	integer (int32)

Type	Name	Schema
Query	redundantdbwidth <i>optional</i>	number
Query	redundantgroupno <i>optional</i>	integer (int64)
Query	refer <i>optional</i>	integer (int32)
Query	sensorid <i>optional</i>	string
Query	sensorname <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/saveVsRule
```

Request query

```
{  
    "creater" : "string",  
    "createtime" : "string",  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erratictime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensornname" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.6. 新 点

```
GET /sensorValidation/saveVsRule
```

Description

新 点

Parameters

Type	Name	Schema
Query	creator <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	erraticactive <i>optional</i>	integer (int32)
Query	erraticdbwidth <i>optional</i>	number
Query	erraticrdbbreaks <i>optional</i>	integer (int64)
Query	erratictime <i>optional</i>	integer (int64)
Query	failureabsgradthresh <i>optional</i>	number
Query	failurelowerlimit <i>optional</i>	number
Query	failurelowerlimitactive <i>optional</i>	integer (int32)
Query	failurerelgradthresh <i>optional</i>	number
Query	failureupperlimit <i>optional</i>	number
Query	failureupperlimitactive <i>optional</i>	integer (int32)
Query	gradactive <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lockedactive <i>optional</i>	integer (int32)
Query	lockeddbwidth <i>optional</i>	number
Query	locktime <i>optional</i>	integer (int64)
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	redundantactive <i>optional</i>	integer (int32)

Type	Name	Schema
Query	redundantdbwidth <i>optional</i>	number
Query	redundantgroupno <i>optional</i>	integer (int64)
Query	refer <i>optional</i>	integer (int32)
Query	sensorid <i>optional</i>	string
Query	sensorname <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/saveVsRule
```

Request query

```
{  
    "creater" : "string",  
    "createtime" : "string",  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erraticitime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensorname" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.7. 模型 点和

```
POST /sensorValidation/saveVsruleModelpointMapper/{pointId}/{ruleId}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	pointId <small>required</small>	pointId	integer (int32)
Path	ruleId <small>required</small>	ruleId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/saveVsruleModelpointMapper/{pointId}/{ruleId}
```

Example HTTP response

Response 200

```
"object"
```

2.15.8. 模型 点和

```
GET /sensorValidation/saveVsruleModelpointMapper/{pointId}/{ruleId}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	pointId <small>required</small>	pointId	integer (int32)
Path	ruleId <small>required</small>	ruleId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/saveVsruleModelpointMapper/0/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.9. 分机下的点列表（分、排序、模糊）

```
POST /sensorValidation/sensorlist_anttable
```

Description

分机下的点列表（分、排序、模糊）

Parameters

Type	Name	Description	Schema
Body	crewid <small>required</small>	机， ALL代表所有机	string
Body	page <small>required</small>	求的数	string

Type	Name	Description	Schema
Body	plantid required	厂	string
Body	results required	求 果数	string
Body	sortField required	排序的字段	string
Body	sortOrder required	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/sensorlist_anttable
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.15.10. 分机下的点列表（分、排序、模糊）

```
GET /sensorValidation/sensorlist_anttable
```

Description

分机下的点列表(分页、排序、模糊)

Parameters

Type	Name	Description	Schema
Body	crewid <small>required</small>	机，ALL代表所有机	string
Body	page <small>required</small>	求的数	string
Body	plantid <small>required</small>	厂	string
Body	results <small>required</small>	求果数	string
Body	sortField <small>required</small>	排序的字段	string
Body	sortOrder <small>required</small>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/sensorlist_anttable
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

2.15.11. 点 例

```
POST /sensorValidation/validSensorLinePreview
```

Description

点 例

Parameters

Type	Name	Description	Schema
Query	bgTime <i>required</i>	始	integer (int64)
Query	creater <i>optional</i>		string
Query	createtime <i>optional</i>		string (date-time)
Query	endTime <i>required</i>	解	integer (int64)
Query	erraticactive <i>optional</i>		integer (int32)
Query	erraticdbwidt <i>h</i> <i>optional</i>		number
Query	erraticrdbbre <i>aks</i> <i>optional</i>		integer (int64)
Query	erratictime <i>optional</i>		integer (int64)
Query	failureabsgra <i>dthresh</i> <i>optional</i>		number
Query	failurelowerli <i>mit</i> <i>optional</i>		number
Query	failurelowerli <i>mitactive</i> <i>optional</i>		integer (int32)
Query	failurerelgrad <i>thresh</i> <i>optional</i>		number

Type	Name	Description	Schema
Query	failureupperlimit <i>optional</i>		number
Query	failureupperlimitactive <i>optional</i>		integer (int32)
Query	gradactive <i>optional</i>		integer (int32)
Query	id <i>optional</i>		string
Query	lockedactive <i>optional</i>		integer (int32)
Query	lockeddbwidth <i>optional</i>		number
Query	locktime <i>optional</i>		integer (int64)
Query	modifier <i>optional</i>		string
Query	modifietime <i>optional</i>		string (date-time)
Query	name <i>optional</i>		string
Query	redundantactive <i>optional</i>		integer (int32)
Query	redundantdbwidth <i>optional</i>		number
Query	redundantgroupno <i>optional</i>		integer (int64)
Query	refer <i>optional</i>		integer (int32)
Query	sensorid <i>optional</i>		string
Query	sensorname <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/validSendorLinePreview
```

Request query

```
{  
    "bgTime" : 0,  
    "creater" : "string",  
    "createtime" : "string",  
    "endTime" : 0,  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erratictime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensorname" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.12. 点 例

```
GET /sensorValidation/validSensorLinePreview
```

Description

点 例

Parameters

Type	Name	Description	Schema
Query	bgTime <i>required</i>	始	integer (int64)
Query	creater <i>optional</i>		string
Query	createtime <i>optional</i>		string (date-time)
Query	endTime <i>required</i>	解	integer (int64)
Query	erraticactive <i>optional</i>		integer (int32)
Query	erraticdbwidth <i>optional</i>		number
Query	erraticrdbbreasks <i>optional</i>		integer (int64)
Query	erratictime <i>optional</i>		integer (int64)
Query	failureabsgradthresh <i>optional</i>		number
Query	failurelowerlimit <i>optional</i>		number
Query	failurelowerlimitactive <i>optional</i>		integer (int32)
Query	failurerelgradthresh <i>optional</i>		number
Query	failureupperlimit <i>optional</i>		number
Query	failureupperlimitactive <i>optional</i>		integer (int32)
Query	gradactive <i>optional</i>		integer (int32)
Query	id <i>optional</i>		string
Query	lockedactive <i>optional</i>		integer (int32)

Type	Name	Description	Schema
Query	lockeddbwidth <i>optional</i>		number
Query	locktime <i>optional</i>		integer (int64)
Query	modifier <i>optional</i>		string
Query	modifietime <i>optional</i>		string (date-time)
Query	name <i>optional</i>		string
Query	redundantactive <i>optional</i>		integer (int32)
Query	redundantdbwidth <i>optional</i>		number
Query	redundantgroupno <i>optional</i>		integer (int64)
Query	refer <i>optional</i>		integer (int32)
Query	sensorid <i>optional</i>		string
Query	sensorname <i>optional</i>		string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/validSensorLinePreview
```

Request query

```
{  
    "bgTime" : 0,  
    "creater" : "string",  
    "createtime" : "string",  
    "endTime" : 0,  
    "erraticactive" : 0,  
    "erraticdbwidth" : 0.0,  
    "erraticrdbbreaks" : 0,  
    "erraticitime" : 0,  
    "failureabsgradthresh" : 0.0,  
    "failurelowerlimit" : 0.0,  
    "failurelowerlimitactive" : 0,  
    "failurerelgradthresh" : 0.0,  
    "failureupperlimit" : 0.0,  
    "failureupperlimitactive" : 0,  
    "gradactive" : 0,  
    "id" : "string",  
    "lockedactive" : 0,  
    "lockeddbwidth" : 0.0,  
    "locktime" : 0,  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "redundantactive" : 0,  
    "redundantdbwidth" : 0.0,  
    "redundantgroupno" : 0,  
    "refer" : 0,  
    "sensorid" : "string",  
    "sensornname" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.15.13. 模型采 段是否 合理

```
POST /sensorValidation/verifySampletime/{modelId}
```

Description

模型采 段是否 合理

Parameters

Type	Name	Description	Schema
Path	modelId <small>required</small>	modelId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/verifySampletime/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.14. 模型采 段是否 合理

```
GET /sensorValidation/verifySampletime/{modelId}
```

Description

模型采 段是否 合理

Parameters

Type	Name	Description	Schema
Path	modelId <small>required</small>	modelId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/verifySampleteime/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.15. 点 列表

```
POST /sensorValidation/vsRuleList/{sensorId}
```

Description

点 列表

Parameters

Type	Name	Description	Schema
Path	sensorId <i>required</i>	sensorId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/vsRuleList/string
```

Example HTTP response

Response 200

```
"object"
```

2.15.16. 点 列表

```
GET /sensorValidation/vsRuleList/{sensorId}
```

Description

点 列表

Parameters

Type	Name	Description	Schema
Path	sensorId required	sensorId	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/sensorValidation/vsRuleList/string
```

Example HTTP response

Response 200

```
"object"
```

2.16. Source-controller

源接口

2.16.1. 是否有同名的 源名存在

```
POST /source/checkDoubleSourceName
```

Description

是否有同名的 源名存在

Parameters

Type	Name	Schema
Query	description <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	itemID <i>optional</i>	string
Query	sourceName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/checkDoubleSourceName
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "itemID" : "string",
  "sourceName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.2. 是否有同名的 源名存在

```
GET /source/checkDoubleSourceName
```

Description

是否有同名的 源名存在

Parameters

Type	Name	Schema
Query	description <i>optional</i>	string
Query	groupID <i>optional</i>	string

Type	Name	Schema
Query	id <i>optional</i>	integer (int32)
Query	itemID <i>optional</i>	string
Query	sourceName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/checkDoubleSourceName
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "itemID" : "string",
  "sourceName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.3. 新 /修改 源信息

```
POST /source/createOrUpdateSource
```

Description

新 /修改 源信息

Parameters

Type	Name	Schema
Query	description <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	itemID <i>optional</i>	string
Query	sourceName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/createOrUpdateSource
```

Request query

```
{
  "description" : "string",
  "groupID" : "string",
  "id" : 0,
  "itemID" : "string",
  "sourceName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.4. 新 /修改 源信息

```
GET /source/createOrUpdateSource
```

Description

新 /修改 源信息

Parameters

Type	Name	Schema
Query	description <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	itemID <i>optional</i>	string
Query	sourceName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/createOrUpdateSource
```

Request query

```
{  
    "description" : "string",  
    "groupID" : "string",  
    "id" : 0,  
    "itemID" : "string",  
    "sourceName" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.5. 得到集 、 分公司或者 厂下的 源 （未分 ）

```
POST /source/getAllSourcesByGroupID/{groupID}
```

Description

得到集 、 分公司或者 厂下的 源 （未分 ）

Parameters

Type	Name	Description	Schema
Path	groupID <small>required</small>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getAllSourcesByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.16.6. 得到集 、 分公司或者 厂下的 源 （未分 ）

```
GET /source/getAllSourcesByGroupID/{groupID}
```

Description

得到集 、 分公司或者 厂下的 源 （未分 ）

Parameters

Type	Name	Description	Schema
Path	groupID <small>required</small>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getAllSourcesByGroupID/string
```

Example HTTP response

Response 200

```
"object"
```

2.16.7. 通 源ID得到下属 源

```
POST /source/getSourceItemsBySourceID/{sourceID}
```

Description

通 源ID得到下属 源

Parameters

Type	Name	Description	Schema
Path	sourceID required	sourceID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getSourceItemsBySourceID/0
```

Example HTTP response

Response 200

```
"object"
```

2.16.8. 通 源ID得到下属 源

```
GET /source/getSourceItemsBySourceID/{sourceID}
```

Description

通 源ID得到下属 源

Parameters

Type	Name	Description	Schema
Path	sourceID <i>required</i>	sourceID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getSourceItemsBySourceID/0
```

Example HTTP response

Response 200

```
"object"
```

2.16.9. 得到集 、分公司或者 厂下的 源 (分)

```
POST /source/getSourcesByGroupID/{groupID}
```

Description

得到集 、分公司或者 厂下的 源 (分)

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getSourcesByGroupID/string
```

Request query

```
{
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.10. 得到集 、 分公司或者 厂下的 源 (分)

```
GET /source/getSourcesByGroupID/{groupID}
```

Description

得到集 、 分公司或者 厂下的 源 (分)

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/getSourcesByGroupID/string
```

Request query

```
{  
    "page" : "string",  
    "regex" : "string",  
    "results" : "string",  
    "sortField" : "string",  
    "sortOrder" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.16.11. 除 源及其下属 源

```
POST /source/removeSourceAndItems/{sourceID}
```

Description

除 源及其下属 源

Parameters

Type	Name	Description	Schema
Path	sourceID <i>required</i>	sourceID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/source/removeSourceAndItems/0
```

Example HTTP response

Response 200

```
"object"
```

2.16.12. 除 源及其下属 源

```
GET /source/removeSourceAndItems/{sourceID}
```

Description

除 源及其下属 源

Parameters

Type	Name	Description	Schema
Path	sourceID required	sourceID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/source/removeSourceAndItems/0
```

Example HTTP response

Response 200

```
"object"
```

2.17. Sso-controller

点登 接口

2.17.1. 置密

```
POST /SSO/setPassword
```

Description

置密 (非生 境无法)

Parameters

Type	Name	Schema
Query	password <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/SSO/setPassword
```

Request query

```
{
  "password" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.17.2. 置密

```
GET /SSO/setPassword
```

Description

置密 (非生 境无法)

Parameters

Type	Name	Schema
Query	password <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/SSO/setPassword
```

Request query

```
{
  "password" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.17.3. 取sso的ticket

```
POST /SSO/setTicket/{ticket}
```

Description

取sso的ticket（非生 境无法 ）

Parameters

Type	Name	Description	Schema
Path	ticket <small>required</small>	ticket	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/SSO/setTicket/string
```

Example HTTP response

Response 200

```
"object"
```

2.17.4. 取sso的ticket

```
GET /SSO/setTicket/{ticket}
```

Description

取sso的ticket（非生 境无法 ）

Parameters

Type	Name	Description	Schema
Path	ticket <small>required</small>	ticket	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/SSO/setTicket/string
```

Example HTTP response

Response 200

```
"object"
```

2.18. Three-d-alarm-controller

3D接口

2.18.1. 取物理 感器下的 警信息列表

```
POST /threeDAIrm/measuringPoints/{siecode}
```



operation.deprecated

Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< MeasuringPoint > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAIrm/measuringPoints/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmInfo" : {  
        "alarmLevel" : 0,  
        "cameraPosition" : [ 0.0 ],  
        "fence" : [ 0.0 ],  
        "id" : 0,  
        "modelname" : "string",  
        "name" : "string",  
        "scene" : "string",  
        "sensorid" : "string",  
        "transform" : [ 0.0 ],  
        "unit" : "string",  
        "value" : 0.0  
    },  
    "alarmTimeList" : [ {  
        "bgTime" : 0,  
        "endTime" : 0  
    } ],  
    "alarmlevel" : 0,  
    "alarmmsg" : "string",  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "bgtime" : 0,  
    "durationtime" : 0,  
    "endtime" : 0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelid" : "string",  
    "modelname" : "string",  
    "plantname" : "string",  
    "pointid" : "string",  
    "pointname" : "string",  
    "projectname" : "string",  
    "sensorValueList" : [ {  
        "estimatedValue" : 0.0,  
        "realValue" : 0.0,  
        "residual" : 0.0,  
        "time" : 0  
    } ],  
    "systemname" : "string"  
} ]
```

2.18.2. 取物理 感器下的 警信息列表

```
GET /threeDAlarm/measuringPoints/{siecode}
```



operation.deprecated

Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	< MeasuringPoint > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/measuringPoints/string
```

Example HTTP response

Response 200

```
[ {
  "alarmInfo" : {
    "alarmLevel" : 0,
    "cameraPosition" : [ 0.0 ],
    "fence" : [ 0.0 ],
    "id" : 0,
    "modelname" : "string",
    "name" : "string",
    "scene" : "string",
    "sensorid" : "string",
    "transform" : [ 0.0 ],
    "unit" : "string",
    "value" : 0.0
  },
  "alarmTimeList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "alarmlevel" : 0,
  "alarmmsg" : "string",
  "alarmnum" : 0,
  "alarmstatus" : 0,
  "bgtime" : 0,
  "durationtime" : 0,
  "endtime" : 0,
  "firstAlarmTime" : 0,
  "historyalarmnum" : 0,
  "latestAlarmTime" : 0,
  "modelid" : "string",
  "modelname" : "string",
  "plantname" : "string",
  "pointid" : "string",
  "pointname" : "string",
  "projectname" : "string",
  "sensorValueList" : [ {
    "estimatedValue" : 0.0,
    "realValue" : 0.0,
    "residual" : 0.0,
    "time" : 0
  } ],
  "systemname" : "string"
} ]
```

2.18.3. h 取 位置信息

```
POST /threeDAlarm/navigationlist/{siecode}
```



Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	ThreeDEquipmentPosition
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/navigationlist/string
```

Example HTTP response

Response 200

```
{
  "id" : "string",
  "name" : "string",
  "threeDPositionInfoList" : [ {
    "cameraPosition" : [ 0.0 ],
    "id" : "string",
    "name" : "string",
    "position" : [ 0.0 ],
    "scene" : "string",
    "size" : [ 0.0 ],
    "type" : "string"
  } ]
}
```

2.18.4. h 取 位置信息

GET /threeDAIrm/navigationlist/{siecode}



operation.deprecated

Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	ThreeDEquipmentPosition
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/navigationlist/string
```

Example HTTP response

Response 200

```
{
  "id" : "string",
  "name" : "string",
  "threeDPositionInfoList" : [ {
    "cameraPosition" : [ 0.0 ],
    "id" : "string",
    "name" : "string",
    "position" : [ 0.0 ],
    "scene" : "string",
    "size" : [ 0.0 ],
    "type" : "string"
  } ]
}
```

2.18.5. 取一个警信息列表

```
POST /threeDAlarm/singlealarm/{siecode}
```



operation.deprecated

Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode required	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	MeasuringPoint
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/singlealarm/string
```

Example HTTP response

Response 200

```
{  
    "alarmInfo" : {  
        "alarmLevel" : 0,  
        "cameraPosition" : [ 0.0 ],  
        "fence" : [ 0.0 ],  
        "id" : 0,  
        "modelname" : "string",  
        "name" : "string",  
        "scene" : "string",  
        "sensorid" : "string",  
        "transform" : [ 0.0 ],  
        "unit" : "string",  
        "value" : 0.0  
    },  
    "alarmTimeList" : [ {  
        "bgTime" : 0,  
        "endTime" : 0  
    } ],  
    "alarmlevel" : 0,  
    "alarmmsg" : "string",  
    "alarmnum" : 0,  
    "alarmstatus" : 0,  
    "bgttime" : 0,  
    "durationtime" : 0,  
    "endtime" : 0,  
    "firstAlarmTime" : 0,  
    "historyalarmnum" : 0,  
    "latestAlarmTime" : 0,  
    "modelid" : "string",  
    "modelname" : "string",  
    "plantname" : "string",  
    "pointid" : "string",  
    "pointname" : "string",  
    "projectname" : "string",  
    "sensorValueList" : [ {  
        "estimatedValue" : 0.0,  
        "realValue" : 0.0,  
        "residual" : 0.0,  
        "time" : 0  
    } ],  
    "systemname" : "string"  
}
```

2.18.6. 取一个警信息列表

```
GET /threeDAlarM/singlealarM/{siecode}
```



Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecode <small>required</small>	siecode	string

Responses

HTTP Code	Description	Schema
200	OK	MeasuringPoint
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/singlealarm/string
```

Example HTTP response

Response 200

```
{
  "alarmInfo" : {
    "alarmLevel" : 0,
    "cameraPosition" : [ 0.0 ],
    "fence" : [ 0.0 ],
    "id" : 0,
    "modelname" : "string",
    "name" : "string",
    "scene" : "string",
    "sensorid" : "string",
    "transform" : [ 0.0 ],
    "unit" : "string",
    "value" : 0.0
  },
  "alarmTimeList" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "alarmlevel" : 0,
  "alarmmsg" : "string",
  "alarmnum" : 0,
  "alarmstatus" : 0,
  "bgttime" : 0,
  "durationtime" : 0,
  "endtime" : 0,
  "firstAlarmTime" : 0,
  "historyalarmnum" : 0,
  "latestAlarmTime" : 0,
  "modelid" : "string",
  "modelname" : "string",
  "plantname" : "string",
  "pointid" : "string",
  "pointname" : "string",
  "projectname" : "string",
  "sensorValueList" : [ {
    "estimatedValue" : 0.0,
    "realValue" : 0.0,
    "residual" : 0.0,
    "time" : 0
  } ],
  "systemname" : "string"
}
```

2.18.7. 通 #隔 的 id 取 感器列表

POST /threeDAlarm/sysOrganizations/{siecodes}



Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecodes <small>required</small>	siecodes	string

Responses

HTTP Code	Description	Schema
200	OK	< SysOrganization > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAlarm/sysOrganizations/string
```

Example HTTP response

Response 200

```
[ {  
    "sensorList" : [ {  
        "alarmType" : 0,  
        "rangedown" : "string",  
        "rangeunit" : "string",  
        "rangeup" : "string",  
        "siecode" : "string",  
        "title" : "string"  
    } ],  
    "siecode" : "string",  
    "title" : "string"  
} ]
```

2.18.8. 通 #隔 的 id 取 感器列表

```
GET /threeDAalarm/sysOrganizations/{siecodes}
```



operation.deprecated

Description

主 版本不可

Parameters

Type	Name	Description	Schema
Path	siecodes required	siecodes	string

Responses

HTTP Code	Description	Schema
200	OK	< SysOrganization > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/threeDAalarm/sysOrganizations/string
```

Example HTTP response

Response 200

```
[ {
  "sensorList" : [ {
    "alarmType" : 0,
    "rangedown" : "string",
    "rangeunit" : "string",
    "rangeup" : "string",
    "siecode" : "string",
    "title" : "string"
  }],
  "siecode" : "string",
  "title" : "string"
} ]
```

2.19. Training-controller

接口

2.19.1. 初始化模型

POST /trendwarning_train/initializeModel/{modelid}

Description

初始化模型（忽略模型下所有告警，并将模型下）

Parameters

Type	Name	Description	Schema
Path	modelid	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/initializeModel/string
```

Example HTTP response

Response 200

```
"object"
```

2.19.2. 初始化模型

```
GET /trendwarning_train/initializeModel/{modelid}
```

Description

初始化模型（忽略模型下所有告警，并将模型下）

Parameters

Type	Name	Description	Schema
Path	modelid required	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/initializeModel/string
```

Example HTTP response

Response 200

```
"object"
```

2.19.3. 初始化

```
POST /trendwarning_train/initializeRule/{ruleid}
```

Description

初始化 (忽略 下所有告警, 并将 下)

Parameters

Type	Name	Description	Schema
Path	ruleid required	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/initializeRule/string
```

Example HTTP response

Response 200

```
"object"
```

2.19.4. 初始化

```
GET /trendwarning_train/initializeRule/{ruleid}
```

Description

初始化 (忽略 下所有告警, 并将 下)

Parameters

Type	Name	Description	Schema
Path	ruleid <i>required</i>	ruleid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/initializeRule/string
```

Example HTTP response

Response 200

```
"object"
```

2.19.5. 取模型配置 表

```
POST /trendwarning_train/modelHisData
```

Description

取模型配置 表 (web 用, 不阻塞IO 程)

Parameters

Type	Name	Schema
Query	innerBgTime <i>optional</i>	string (date-time)
Query	innerEndtime <i>optional</i>	string (date-time)
Query	modelid <i>optional</i>	string
Query	needModeLine <i>optional</i>	boolean
Query	needOuterLine <i>optional</i>	boolean
Query	needSimpletimeLine <i>optional</i>	boolean
Query	needValidsensorLine <i>optional</i>	boolean
Query	outerBgTime <i>optional</i>	string (date-time)
Query	outerEndTime <i>optional</i>	string (date-time)
Query	pointlist <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	WebAsyncTask«ModelMap»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/modelHisData
```

Request query

```
{
  "innerBgTime" : "string",
  "innerEndtime" : "string",
  "modelid" : "string",
  "needModeLine" : true,
  "needOuterLine" : true,
  "needSimpletimeLine" : true,
  "needValidsensorLine" : true,
  "outerBgTime" : "string",
  "outerEndTime" : "string",
  "pointlist" : "string"
}
```

Example HTTP response

Response 200

```
{
  "callable" : { },
  "executor" : { },
  "timeout" : 0
}
```

2.19.6. 取模型配置 表

GET /trendwarning_train/modelHisData

Description

取模型配置 表 (web 用, 不阻塞IO 程)

Parameters

Type	Name	Schema
Query	innerBgTime <i>optional</i>	string (date-time)
Query	innerEndtime <i>optional</i>	string (date-time)
Query	modelid <i>optional</i>	string
Query	needModeLine <i>optional</i>	boolean
Query	needOuterLine <i>optional</i>	boolean

Type	Name	Schema
Query	needSimpletimeLine <i>optional</i>	boolean
Query	needValidsensorLine <i>optional</i>	boolean
Query	outerBgTime <i>optional</i>	string (date-time)
Query	outerEndTime <i>optional</i>	string (date-time)
Query	pointlist <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	WebAsyncTask«ModelMap»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/modelHisData
```

Request query

```
{
  "innerBgTime" : "string",
  "innerEndtime" : "string",
  "modelid" : "string",
  "needModeLine" : true,
  "needOuterLine" : true,
  "needSimpletimeLine" : true,
  "needValidsensorLine" : true,
  "outerBgTime" : "string",
  "outerEndTime" : "string",
  "pointlist" : "string"
}
```

Example HTTP response

Response 200

```
{  
    "callable" : { },  
    "executor" : { },  
    "timeout" : 0  
}
```

2.19.7. 模型

```
POST /trendwarning_train/train/{modelid}
```

Description

模型 (web 用, 不阻塞IO 程)

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	WebAsyncTask<ModelMap>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/train/string
```

Example HTTP response

Response 200

```
{  
    "callable" : { },  
    "executor" : { },  
    "timeout" : 0  
}
```

2.19.8. 模型

```
GET /trendwarning_train/train/{modelid}
```

Description

模型 (web 用, 不阻塞IO 程)

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	WebAsyncTask<ModelMap>
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/train/string
```

Example HTTP response

Response 200

```
{  
    "callable" : { },  
    "executor" : { },  
    "timeout" : 0  
}
```

2.19.9. 取模型结果

POST /trendwarning_train/trainresult/{modelid}



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	HisDataResult
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/trendwarning_train/trainresult/string

Example HTTP response

Response 200

```
{
```

```
"bgtimes" : 0,
"changeDefaultTime" : true,
"changeDefaultTimeMsg" : "string",
"endtime" : 0,
"hisAlarmIntervals" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ],
"modeInfos" : [ {
    "modeName" : "string",
    "modeTimes" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ],
    "modeid" : "string",
    "priorityLevel" : 0,
    "rgbColor" : "string"
} ],
"modelid" : "string",
"outSideHisDataResult" : {
    "bgtimes" : 0,
    "changeDefaultTime" : true,
    "changeDefaultTimeMsg" : "string",
    "endtime" : 0,
    "hisAlarmIntervals" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ],
    "modeInfos" : [ {
        "modeName" : "string",
        "modeTimes" : [ {
            "bgTime" : 0,
            "endTime" : 0
        } ],
        "modeid" : "string",
        "priorityLevel" : 0,
        "rgbColor" : "string"
    } ],
    "modelid" : "string",
    "outSideHisDataResult" : "...",
    "selectedTimeRangeLines" : [ {
        "bgTime" : 0,
        "endTime" : 0,
        "id" : 0
    } ],
    "sensorTrainLines" : [ {
        "alarmTimeMapperList" : [ {
            "bgTime" : 0,
            "endTime" : 0
        } ],
        "estimatedCurve" : [ {
```

```

        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "residualCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ]
},
"sensorTrainLinesStr" : "string",
"sensorValidationInterTime" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ],
"trainStatus" : "string",
"traintime" : 0
},
"selectedTimeRangeLines" : [ {
    "bgTime" : 0,
    "endTime" : 0,
    "id" : 0
} ],
"sensorTrainLines" : [ {
    "alarmTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ],
    "estimatedCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",

```

```

"realValueCurve" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
} ],
"residualCurve" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
} ],
"sensorid" : "string",
"sensorname" : "string",
"unit" : "string",
"validTimeMapperList" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ]
},
"sensorTrainLinesStr" : "string",
"sensorValidationInterTime" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ],
"trainStatus" : "string",
"traintime" : 0
}

```

2.19.10. 取模型结果

GET /trendwarning_train/trainresult/{modelid}



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid	modelid	string
<small>required</small>			

Responses

HTTP Code	Description	Schema
200	OK	HisDataResult
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwarning_train/trainresult/string
```

Example HTTP response

Response 200

```
{
  "bgtime" : 0,
  "changeDefaultTime" : true,
  "changeDefaultTimeMsg" : "string",
  "endtime" : 0,
  "hisAlarmIntervals" : [ {
    "bgTime" : 0,
    "endTime" : 0
  } ],
  "modeInfos" : [ {
    "modeName" : "string",
    "modeTimes" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "modeid" : "string",
    "priorityLevel" : 0,
    "rgbColor" : "string"
  } ],
  "modelid" : "string",
  "outSideHisDataResult" : {
    "bgtime" : 0,
    "changeDefaultTime" : true,
    "changeDefaultTimeMsg" : "string",
    "endtime" : 0,
    "hisAlarmIntervals" : [ {
      "bgTime" : 0,
      "endTime" : 0
    } ],
    "modeInfos" : [ {
```

```

"modeName" : "string",
"modeTimes" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ],
"modeid" : "string",
"priorityLevel" : 0,
"rgbColor" : "string"
} ],
"modelid" : "string",
"outSideHisDataResult" : "...",
"selectedTimeRangeLines" : [ {
    "bgTime" : 0,
    "endTime" : 0,
    "id" : 0
} ],
"sensorTrainLines" : [ {
    "alarmTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ],
    "estimatedCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "residualCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ]
} ],
"sensorTrainLinesStr" : "string",
"sensorValidationInterTime" : [ {
    "bgTime" : 0,
    "endTime" : 0
}
]

```

```
    } ],
    "trainStatus" : "string",
    "traintime" : 0
},
"selectedTimeRangeLines" : [ {
    "bgTime" : 0,
    "endTime" : 0,
    "id" : 0
} ],
"sensorTrainLines" : [ {
    "alarmTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ],
    "estimatedCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "highresidual" : 0.0,
    "lowresidual" : 0.0,
    "physicssensorid" : "string",
    "realValueCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "residualCurve" : [ {
        "quality" : 0,
        "time" : 0,
        "value" : "string"
    } ],
    "sensorid" : "string",
    "sensorname" : "string",
    "unit" : "string",
    "validTimeMapperList" : [ {
        "bgTime" : 0,
        "endTime" : 0
    } ]
} ],
"sensorTrainLinesStr" : "string",
"sensorValidationInterTime" : [ {
    "bgTime" : 0,
    "endTime" : 0
} ],
"trainStatus" : "string",
"traintime" : 0
}
```

2.20. Trend-waring-controller

警厂 接口

2.20.1. 除 个工程

```
POST /trendwaring/project/delete/{twProjectid}
```

Description

除 个工程

Parameters

Type	Name	Description	Schema
Path	twProjectid required	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.2. 除 个工程

```
GET /trendwaring/project/delete/{twProjectid}
```

Description

除一个工程

Parameters

Type	Name	Description	Schema
Path	twProjectid <i>required</i>	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.3. 是否可以 除某个工程

```
POST /trendwaring/project/deletecheck/{twProjectid}
```

Description

是否可以 除某个工程

Parameters

Type	Name	Description	Schema
Path	twProjectid <small>required</small>	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/deletecheck/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.4. 是否可以 除某个工程

```
GET /trendwaring/project/deletecheck/{twProjectid}
```

Description

是否可以 除某个工程

Parameters

Type	Name	Description	Schema
Path	twProjectid <small>required</small>	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/deletecheck/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.5. 新 /更新工程

```
POST /trendwaring/project/saveorupdate
```

Description

新 /更新工程

Parameters

Type	Name	Schema
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	id <i>optional</i>	string
Query	modifier <i>optional</i>	string

Type	Name	Schema
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	systemid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/saveorupdate
```

Request query

```
{
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "id" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "systemid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.6. 新 /更新工程

```
GET /trendwaring/project/saveorupdate
```

Description

新 /更新工程

Parameters

Type	Name	Schema
Query <i>optional</i>	creater <i>optional</i>	string
Query <i>optional</i>	createtime <i>optional</i>	string (date-time)
Query <i>optional</i>	description <i>optional</i>	string
Query <i>optional</i>	id <i>optional</i>	string
Query <i>optional</i>	modifier <i>optional</i>	string
Query <i>optional</i>	modifietime <i>optional</i>	string (date-time)

Type	Name	Schema
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	systemid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/project/saveorupdate
```

Request query

```
{
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "id" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "systemid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.7. 系 名称是否存在

```
POST /trendwaring/systems/checkname
```

Description

系 名称是否存在

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/checkname
```

Request query

```
{  
    "crewid" : "string",  
    "id" : "string",  
    "name" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.8. 系 名称是否存在

```
GET /trendwaring/systems/checkname
```

Description

系 名称是否存在

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/checkname
```

Request query

```
{
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.9. 除 个系

```
POST /trendwaring/systems/delete/{twSystemid}
```

Description

除 个系

Parameters

Type	Name	Description	Schema
Path	twSystemid <i>required</i>	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.10. 除 个系

```
GET /trendwaring/systems/delete/{twSystemid}
```

Description

除 个系

Parameters

Type	Name	Description	Schema
Path	twSystemid <i>required</i>	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.11. 是否可以 除某个系

```
POST /trendwaring/systems/deletecheck/{twSystemid}
```

Description

是否可以 除某个系

Parameters

Type	Name	Description	Schema
Path	twSystemid <i>required</i>	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/deletecheck/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.12. 是否可以 除某个系

```
GET /trendwaring/systems/deletecheck/{twSystemid}
```

Description

是否可以 除某个系

Parameters

Type	Name	Description	Schema
Path	twSystemid required	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/deletecheck/string
```

Example HTTP response

Response 200

```
"object"
```

2.20.13. 新建系 (多条)

```
POST /trendwaring/systems/save
```

Description

新建系 (多条)

Parameters

Type	Name	Description	Schema
Query	systems required	多条系 的json串	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/save
```

Request query

```
{  
  "systems" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.14. 新建系 (多条)

```
GET /trendwaring/systems/save
```

Description

新建系 (多条)

Parameters

Type	Name	Description	Schema
Query	systems <i>required</i>	多条系 的json串	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/save
```

Request query

```
{  
    "systems" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.15. 新建系

```
POST /trendwaring/systems/singlesave
```

Description

新建系

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/singlesave
```

Request query

```
{
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.16. 新建系

```
GET /trendwaring/systems/singlesave
```

Description

新建系

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string

Type	Name	Schema
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/singlesave
```

Request query

```
{
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.17. 更新系

```
POST /trendwaring/systems/update
```

Description

更新系

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/update
```

Request query

```
{  
  "crewid" : "string",  
  "id" : "string",  
  "name" : "string",  
  "reserve01" : "string",  
  "reserve02" : "string",  
  "reserve03" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.18. 更新系

```
GET /trendwaring/systems/update
```

Description

更新系

Parameters

Type	Name	Schema
Query	crewid <i>optional</i>	string
Query	id <i>optional</i>	string
Query	name <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/systems/update
```

Request query

```
{
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.20.19. 厂列表

```
POST /trendwaring/view/powerplants
```

Description

厂列表

Responses

HTTP Code	Description	Schema
200	OK	< PowerPlant > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/powerplants
```

Example HTTP response

Response 200

```
[ {
  "branchid" : "string",
  "id" : "string",
  "name" : "string",
  "provinceid" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
} ]
```

2.20.20. 厂列表

```
GET /trendwaring/view/powerplants
```

Description

厂列表

Responses

HTTP Code	Description	Schema
200	OK	< PowerPlant > array
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/powerplants
```

Example HTTP response

Response 200

```
[ {
  "branchid" : "string",
  "id" : "string",
  "name" : "string",
  "provinceid" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
} ]
```

2.20.21. 取一个厂信息

```
POST /trendwaring/view/singlepowerplant/{powerplantid}
```

Description

取一个厂信息

Parameters

Type	Name	Description	Schema
Path	powerplantid <i>required</i>	powerplantid	string

Responses

HTTP Code	Description	Schema
200	OK	TwPowerPlant

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/singlepowerplant/string
```

Example HTTP response

Response 200

```
{
  "id" : "string",
  "levelList" : [ {
    "id" : 0,
    "level" : 0
  } ],
  "name" : "string",
  "specialityList" : [ {
    "id" : 0,
    "name" : "string"
  } ],
  "statusList" : [ {
    "id" : 0,
    "status" : 0
  } ],
  "twCrews" : [ {
    "id" : "string",
    "levelList" : [ {
      "id" : 0,
      "level" : 0
    } ],
    "name" : "string",
    "powerplantid" : "string",
    "specialityList" : [ {
      "id" : 0,
      "name" : "string"
    } ],
    "statusList" : [ {
      "id" : 0,
      "status" : 0
    } ]
  } ]}
```

```
    } ],
  "twProjects" : [ {
    "description" : "string",
    "id" : "string",
    "levelList" : [ {
      "id" : 0,
      "level" : 0
    } ],
    "name" : "string",
    "specialityList" : [ {
      "id" : 0,
      "name" : "string"
    } ],
    "statusList" : [ {
      "id" : 0,
      "status" : 0
    } ],
    "systemid" : "string",
    "twModels" : [ {
      "id" : "string",
      "name" : "string"
    } ]
  } ],
  "twSystems" : [ {
    "crewid" : "string",
    "id" : "string",
    "name" : "string",
    "reserve01" : "string",
    "twProjectList" : [ {
      "description" : "string",
      "id" : "string",
      "levelList" : [ {
        "id" : 0,
        "level" : 0
      } ],
      "name" : "string",
      "specialityList" : [ {
        "id" : 0,
        "name" : "string"
      } ],
      "statusList" : [ {
        "id" : 0,
        "status" : 0
      } ],
      "systemid" : "string",
      "twModels" : [ {
        "id" : "string",
        "name" : "string"
      } ]
    } ],
    "twProjects" : [ {
```

```
        "creator" : "string",
        "createtime" : "string",
        "description" : "string",
        "id" : "string",
        "modifier" : "string",
        "modifietime" : "string",
        "name" : "string",
        "reserve01" : "string",
        "reserve02" : "string",
        "reserve03" : "string",
        "systemid" : "string"
    }
}
}
}
```

2.20.22. 取一个工厂信息

GET /trendwaring/view/singlepowerplant/{powerplantid}

Description

取一个工厂信息

Parameters

Type	Name	Description	Schema
Path	powerplantid required	powerplantid	string

Responses

HTTP Code	Description	Schema
200	OK	TwPowerPlant
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/trendwaring/view/singlepowerplant/string

Example HTTP response

Response 200

```
{  
    "id" : "string",  
    "levelList" : [ {  
        "id" : 0,  
        "level" : 0  
    } ],  
    "name" : "string",  
    "specialityList" : [ {  
        "id" : 0,  
        "name" : "string"  
    } ],  
    "statusList" : [ {  
        "id" : 0,  
        "status" : 0  
    } ],  
    "twCrews" : [ {  
        "id" : "string",  
        "levelList" : [ {  
            "id" : 0,  
            "level" : 0  
        } ],  
        "name" : "string",  
        "powerplantid" : "string",  
        "specialityList" : [ {  
            "id" : 0,  
            "name" : "string"  
        } ],  
        "statusList" : [ {  
            "id" : 0,  
            "status" : 0  
        } ],  
        "twProjects" : [ {  
            "description" : "string",  
            "id" : "string",  
            "levellist" : [ {  
                "id" : 0,  
                "level" : 0  
            } ],  
            "name" : "string",  
            "specialityList" : [ {  
                "id" : 0,  
                "name" : "string"  
            } ],  
            "statusList" : [ {  
                "id" : 0,  
                "status" : 0  
            } ],  
        } ]  
}
```

```
"systemid" : "string",
"twModels" : [ {
    "id" : "string",
    "name" : "string"
} ],
} ],
"twSystems" : [ {
    "crewid" : "string",
    "id" : "string",
    "name" : "string",
    "reserve01" : "string",
    "twProjectList" : [ {
        "description" : "string",
        "id" : "string",
        "levelList" : [ {
            "id" : 0,
            "level" : 0
        }],
        "name" : "string",
        "specialityList" : [ {
            "id" : 0,
            "name" : "string"
        }],
        "statusList" : [ {
            "id" : 0,
            "status" : 0
        }],
        "systemid" : "string",
        "twModels" : [ {
            "id" : "string",
            "name" : "string"
        }]
    }],
"twProjects" : [ {
    "creater" : "string",
    "createtime" : "string",
    "description" : "string",
    "id" : "string",
    "modifier" : "string",
    "modifietime" : "string",
    "name" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "systemid" : "string"
} ]
} ]
} ]
```

2.20.23. 工程 情

```
POST /trendwaring/view/singleproject/{twProjectid}
```

Description

工程 情

Parameters

Type	Name	Description	Schema
Path	twProjectid <i>required</i>	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningProject
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/singleproject/string
```

Example HTTP response

Response 200

```
{
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "id" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "systemid" : "string"
}
```

2.20.24. 工程 情

GET /trendwaring/view/singleproject/{twProjectid}

Description

工程 情

Parameters

Type	Name	Description	Schema
Path	twProjectid <small>required</small>	twProjectid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningProject
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/trendwaring/view/singleproject/string

Example HTTP response

Response 200

```
{  
    "creater" : "string",  
    "createtime" : "string",  
    "description" : "string",  
    "id" : "string",  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "systemid" : "string"  
}
```

2.20.25. 系情

```
POST /trendwaring/view/singlesystem/{twSystemid}
```

Description

系情

Parameters

Type	Name	Description	Schema
Path	twSystemid <i>required</i>	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningSystem
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/singlesystem/string
```

Example HTTP response

Response 200

```
{
  "crewid" : "string",
  "id" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string"
}
```

2.20.26. 系情

```
GET /trendwaring/view/singlesystem/{twSystemid}
```

Description

系情

Parameters

Type	Name	Description	Schema
Path	twSystemid <small>required</small>	twSystemid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningSystem
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/singlesystem/string
```

Example HTTP response

Response 200

```
{
    "crewid" : "string",
    "id" : "string",
    "name" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string"
}
```

2.20.27. 取

```
POST /trendwaring/view/systems/{crewid}
```



operation.deprecated

Description

主 版本不能

Parameters

Type	Name	Description	Schema
Path	crewid <small>required</small>	crewid	string

Responses

HTTP Code	Description	Schema
200	OK	< EquipmentSystem s > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/systems/string
```

Example HTTP response

Response 200

```
[ {  
    "fatherid" : 0,  
    "id" : 0,  
    "kkscode" : "string",  
    "name" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "syslevel" : 0  
} ]
```

2.20.28. 取

```
GET /trendwaring/view/systems/{crewid}
```



operation.deprecated

Description

主 版本不能

Parameters

Type	Name	Description	Schema
Path	crewid <small>required</small>	crewid	string

Responses

HTTP Code	Description	Schema
200	OK	< EquipmentSystem s > array
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring/view/systems/string
```

Example HTTP response

Response 200

```
[ {
    "fatherid" : 0,
    "id" : 0,
    "kkscode" : "string",
    "name" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "syslevel" : 0
} ]
```

2.21. Trend-waring-detail-controller

警模型配置及

2.21.1. 取告警模型列表

```
POST /trendwaring_detail/alarmview/modellist/{projectid}
```

Description

取告警模型列表

Parameters

Type	Name	Description	Schema
Path	projectid <i>required</i>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenTrendwarningModel> array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/alarmview/modellist/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmnum" : 0,  
    "creater" : "string",  
    "createtime" : "string",  
    "description" : "string",  
    "id" : "string",  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "projectid" : "string",  
    "reserve01" : "string",  
    "reserve02" : 0,  
    "reserve03" : "string",  
    "state" : 0,  
    "trainer" : "string",  
    "traintime" : "string"  
} ]
```

2.21.2. 取告警模型列表

```
GET /trendwaring_detail/alarmview/modellist/{projectid}
```

Description

取告警模型列表

Parameters

Type	Name	Description	Schema
Path	projectid <i>required</i>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenTrendwarningModel > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/alarmview/modellist/string
```

Example HTTP response

Response 200

```
[ {
    "alarmnum" : 0,
    "creater" : "string",
    "createtime" : "string",
    "description" : "string",
    "id" : "string",
    "modifier" : "string",
    "modifietime" : "string",
    "name" : "string",
    "projectid" : "string",
    "reserve01" : "string",
    "reserve02" : 0,
    "reserve03" : "string",
    "state" : 0,
    "trainer" : "string",
    "traintime" : "string"
} ]
```

2.21.3. 除模型

POST /trendwaring_detail/model/delete/{modelid}

Description

除模型

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.4. 除模型

```
GET /trendwaring_detail/model/delete/{modelid}
```

Description

除模型

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.5. 修改 点 序

```
POST /trendwaring_detail/model/points/changeOrder
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string

Type	Name	Schema
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/points/changeOrder
```

Request query

```
{  
    "alarminterval" : 0,  
    "algorithm" : 0,  
    "bgtime" : "string",  
    "creater" : "string",  
    "createtime" : "string",  
    "description" : "string",  
    "endtime" : "string",  
    "highflex" : 0,  
    "id" : "string",  
    "lowflex" : 0,  
    "modelid" : "string",  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "noiselevel" : 0,  
    "projectid" : "string",  
    "samplinginterval" : 0,  
    "selfadaptive" : 0,  
    "sensoridArray" : "string",  
    "state" : 0  
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.6. 修改 点 序

```
GET /trendwaring_detail/model/points/changeOrder
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)

Type	Name	Schema
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/points/changeOrder
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.7. 新建模型

POST /trendwaring_detail/model/save

Description

新建模型

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgttime <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string

Type	Name	Schema
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/save
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.8. 新建模型

```
GET /trendwaring_detail/model/save
```

Description

新建模型

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtime <i>optional</i>	string (date-time)

Type	Name	Schema
Query	creator <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/save
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.9. 更新模型信息

```
POST /trendwaring_detail/model/update
```

Description

更新模型信息

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string

Type	Name	Schema
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/update
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.10. 更新模型信息

```
GET /trendwaring_detail/model/update
```

Description

更新模型信息

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)

Type	Name	Schema
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/update
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.11. 是否可以修改模型

```
POST /trendwaring_detail/model/updateCheck
```

Description

是否可以修改模型

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)

Type	Name	Schema
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updateCheck
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.12. 是否可以修改模型

GET /trendwaring_detail/model/updateCheck

Description

是否可以修改模型

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgttime <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string

Type	Name	Schema
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updateCheck
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.13. 除 果

```
POST /trendwaring_detail/model/updateToNotTraining/{modelid}
```

Description

除 果

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updateToNotTraining/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.14. 除 果

```
GET /trendwaring_detail/model/updateToNotTraining/{modelid}
```

Description

除 果

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updateToNotTraining/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.15. 更新模型状

```
POST /trendwaring_detail/model/updatestate
```

Description

更新模型状

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgttime <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)

Type	Name	Schema
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updatestate
```

Request query

```
{  
    "alarminterval" : 0,  
    "algorithm" : 0,  
    "bgtime" : "string",  
    "creater" : "string",  
    "createtime" : "string",  
    "description" : "string",  
    "endtime" : "string",  
    "highflex" : 0,  
    "id" : "string",  
    "lowflex" : 0,  
    "modelid" : "string",  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "noiselevel" : 0,  
    "projectid" : "string",  
    "samplinginterval" : 0,  
    "selfadaptive" : 0,  
    "sensoridArray" : "string",  
    "state" : 0  
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.16. 更新模型状

```
GET /trendwaring_detail/model/updatestate
```

Description

更新模型状

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)

Type	Name	Schema
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/model/updatestate
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.17. 更新模型参数

POST /trendwaring_detail/modelparams/update

Description

更新模型参数

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtimer <i>optional</i>	string (date-time)
Query	creater <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string

Type	Name	Schema
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/modelparams/update
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.18. 更新模型参数

```
GET /trendwaring_detail/modelparams/update
```

Description

更新模型参数

Parameters

Type	Name	Schema
Query	alarminterval <i>optional</i>	integer (int32)
Query	algorithm <i>optional</i>	integer (int32)
Query	bgtime <i>optional</i>	string (date-time)

Type	Name	Schema
Query	creator <i>optional</i>	string
Query	createtime <i>optional</i>	string (date-time)
Query	description <i>optional</i>	string
Query	endtime <i>optional</i>	string (date-time)
Query	highflex <i>optional</i>	integer (int32)
Query	id <i>optional</i>	string
Query	lowflex <i>optional</i>	integer (int32)
Query	modelid <i>optional</i>	string
Query	modifier <i>optional</i>	string
Query	modifietime <i>optional</i>	string (date-time)
Query	name <i>optional</i>	string
Query	noiselevel <i>optional</i>	integer (int32)
Query	projectid <i>optional</i>	string
Query	samplinginterval <i>optional</i>	integer (int32)
Query	selfadaptive <i>optional</i>	integer (int32)
Query	sensoridArray <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/modelparams/update
```

Request query

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : "string",
  "lowflex" : 0,
  "modelid" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "noiselevel" : 0,
  "projectid" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0,
  "sensoridArray" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.19. 取航信息

```
POST /trendwaring_detail/navigation/{projectid}/{language}
```

Description

取 航 信 息

Parameters

Type	Name	Description	Schema
Query	language <small>required</small>	en或zh	string
Query	projectid <small>required</small>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/navigation/{projectid}/{language}
```

Request query

```
{
  "language" : "string",
  "projectid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.20. 取 航 信 息

```
GET /trendwaring_detail/navigation/{projectid}/{language}
```

Description

取 航 信 息

Parameters

Type	Name	Description	Schema
Query	language <small>required</small>	en或zh	string
Query	projectid <small>required</small>	工程	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/navigation/{projectid}/{language}
```

Request query

```
{
  "language" : "string",
  "projectid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.21. 取 型列表

```
POST /trendwaring_detail/specialtylist
```

Description

取 型列表

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/specialtylist
```

Example HTTP response

Response 200

```
"object"
```

2.21.22. 取 型列表

```
GET /trendwaring_detail/specialtylist
```

Description

取 型列表

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/specialtylist
```

Example HTTP response

Response 200

```
"object"
```

2.21.23. 更新 个 点信息

```
POST /trendwaring_detail/twpoint/update
```

Description

更新 个 点信息

Parameters

Type	Name	Schema
Query	alarmlevel <i>optional</i>	integer (int32)
Query	continuetime_threshold <i>optional</i>	integer (int32)
Query	highresidual <i>optional</i>	number
Query	id <i>optional</i>	integer (int32)
Query	iscalculatepoint <i>optional</i>	integer (int32)

Type	Name	Schema
Query	lowresidual <i>optional</i>	number
Query	modelid <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	ruleId <i>optional</i>	string
Query	ruleList[0].id <i>optional</i>	string
Query	ruleList[0].name <i>optional</i>	string
Query	selectedRule.id <i>optional</i>	string
Query	selectedRule.name <i>optional</i>	string
Query	sensorid <i>optional</i>	string
Query	sortnum <i>optional</i>	integer (int32)
Query	specialty <i>optional</i>	integer (int32)
Query	timescale_threshold <i>optional</i>	number

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/twpoint/update
```

Request query

```
{
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "highresidual" : 0.0,
    "id" : 0,
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "ruleId" : "string",
    "ruleList[0].id" : "string",
    "ruleList[0].name" : "string",
    "selectedRule.id" : "string",
    "selectedRule.name" : "string",
    "sensorid" : "string",
    "sortnum" : 0,
    "specialty" : 0,
    "timescale_threshold" : 0.0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.24. 更新 个 点信息

```
GET /trendwaring_detail/twpoint/update
```

Description

更新 个 点信息

Parameters

Type	Name	Schema
Query	alarmlevel <i>optional</i>	integer (int32)

Type	Name	Schema
Query	continuetime_threshold <i>optional</i>	integer (int32)
Query	highresidual <i>optional</i>	number
Query	id <i>optional</i>	integer (int32)
Query	iscalculatepoint <i>optional</i>	integer (int32)
Query	lowresidual <i>optional</i>	number
Query	modelid <i>optional</i>	string
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	ruleId <i>optional</i>	string
Query	ruleList[0].id <i>optional</i>	string
Query	ruleList[0].name <i>optional</i>	string
Query	selectedRule.id <i>optional</i>	string
Query	selectedRule.name <i>optional</i>	string
Query	sensorid <i>optional</i>	string
Query	sortnum <i>optional</i>	integer (int32)
Query	specialty <i>optional</i>	integer (int32)
Query	timescale_threshold <i>optional</i>	number

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/twpoint/update
```

Request query

```
{
  "alarmlevel" : 0,
  "continuetime_threshold" : 0,
  "highresidual" : 0.0,
  "id" : 0,
  "iscalculatepoint" : 0,
  "lowresidual" : 0.0,
  "modelid" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "ruleId" : "string",
  "ruleList[0].id" : "string",
  "ruleList[0].name" : "string",
  "selectedRule.id" : "string",
  "selectedRule.name" : "string",
  "sensorid" : "string",
  "sortnum" : 0,
  "specialty" : 0,
  "timescale_threshold" : 0.0
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.25. 批量更新 点信息

```
POST /trendwaring_detail/twpointlist/update
```

Description

批量更新 点信息

Parameters

Type	Name	Description	Schema
Query	jsonStr <small>required</small>	更新 点列表json数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/twpointlist/update
```

Request query

```
{
  "jsonStr" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.26. 批量更新 点信息

```
GET /trendwaring_detail/twpointlist/update
```

Description

批量更新 点信息

Parameters

Type	Name	Description	Schema
Query	jsonStr <i>required</i>	更新 点列表json数据	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/twpointlist/update
```

Request query

```
{
  "jsonStr" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.27. 算法列表

```
POST /trendwaring_detail/view/algorithms
```

Description

算法列表

Responses

HTTP Code	Description	Schema
200	OK	<TrendwarningAlgorithm> array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/algorithms
```

Example HTTP response

Response 200

```
[ {  
    "code" : 0,  
    "description" : "string",  
    "id" : 0,  
    "name" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.21.28. 算法列表

```
GET /trendwaring_detail/view/algorithms
```

Description

算法列表

Responses

HTTP Code	Description	Schema
200	OK	<TrendwarningAlgorithm> array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/algorithms
```

Example HTTP response

Response 200

```
[ {  
    "code" : 0,  
    "description" : "string",  
    "id" : 0,  
    "name" : "string",  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string"  
} ]
```

2.21.29. 取工程下可用 点列表

```
POST /trendwaring_detail/view/filterSensorList
```

Description

取工程下可用 点列表

Parameters

Type	Name	Schema
Query	projectid <i>optional</i>	string

Type	Name	Schema
Query	regex <i>optional</i>	string
Query	requestType <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/filterSensorList
```

Request query

```
{
  "projectid" : "string",
  "regex" : "string",
  "requestType" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.30. 取工程下可用 点列表

```
GET /trendwaring_detail/view/filterSensorList
```

Description

取工程下可用 点列表

Parameters

Type	Name	Schema
Query	projectid <i>optional</i>	string
Query	regex <i>optional</i>	string
Query	requestType <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/filterSensorList
```

Request query

```
{
  "projectid" : "string",
  "regex" : "string",
  "requestType" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.31. 取工程下的模型列表

```
POST /trendwaring_detail/view/modellist/{projectid}
```

Description

取工程下的模型列表

Parameters

Type	Name	Description	Schema
Path	projectid <i>required</i>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenTrendwarningModel > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/modellist/string
```

Example HTTP response

Response 200

```
[ {
    "alarmnum" : 0,
    "creater" : "string",
    "createtime" : "string",
    "description" : "string",
    "id" : "string",
    "modifier" : "string",
    "modifietime" : "string",
    "name" : "string",
    "projectid" : "string",
    "reserve01" : "string",
    "reserve02" : 0,
    "reserve03" : "string",
    "state" : 0,
    "trainer" : "string",
    "traintime" : "string"
} ]
```

2.21.32. 取工程下的模型列表

GET /trendwaring_detail/view/modellist/{projectid}

Description

取工程下的模型列表

Parameters

Type	Name	Description	Schema
Path	projectid <i>required</i>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenTrendwaringModel > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/modellist/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmnum" : 0,  
    "creater" : "string",  
    "createtime" : "string",  
    "description" : "string",  
    "id" : "string",  
    "modifier" : "string",  
    "modifietime" : "string",  
    "name" : "string",  
    "projectid" : "string",  
    "reserve01" : "string",  
    "reserve02" : 0,  
    "reserve03" : "string",  
    "state" : 0,  
    "trainer" : "string",  
    "traintime" : "string"  
} ]
```

2.21.33. 取模型参数信息

```
POST /trendwaring_detail/view/modelparm/{modelid}
```

Description

取模型参数信息

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningModelparamsVO

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/modelparm/string
```

Example HTTP response

Response 200

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : 0,
  "lowflex" : 0,
  "modelid" : "string",
  "noiselevel" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0
}
```

2.21.34. 取模型参数信息

```
GET /trendwaring_detail/view/modelparm/{modelid}
```

Description

取模型参数信息

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningModelparamsVO
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/modelparm/string
```

Example HTTP response

Response 200

```
{
  "alarminterval" : 0,
  "algorithm" : 0,
  "bgtime" : "string",
  "endtime" : "string",
  "highflex" : 0,
  "id" : 0,
  "lowflex" : 0,
  "modelid" : "string",
  "noiselevel" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "samplinginterval" : 0,
  "selfadaptive" : 0
}
```

2.21.35. 告警 表

```
POST /trendwaring_detail/view/pointline/alarm
```

Description

告警 表

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	sensorid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmPointLineHis
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointline/alarm
```

Request query

```
{
  "modelid" : "string",
  "sensorid" : "string"
}
```

Example HTTP response

Response 200

```
{
  "alarm_his" : [ {
    "alarm" : 0,
    "time" : 0
  } ],
  "parameter_bule_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "parameter_red_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "residual_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "siecode" : "string"
}
```

2.21.36. 告警 表

GET /trendwaring_detail/view/pointline/alarm

Description

告警 表

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	sensorid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmPointLineHis
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointline/alarm
```

Request query

```
{
  "modelid" : "string",
  "sensorid" : "string"
}
```

Example HTTP response

Response 200

```
{
  "alarm_his" : [ {
    "alarm" : 0,
    "time" : 0
  }],
  "parameter_bule_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  }],
  "parameter_red_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  }],
  "residual_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  }],
  "siecode" : "string"
}
```

2.21.37. 曲 (非告警)

```
POST /trendwaring_detail/view/pointline/noalarm
```

Description

曲 (非告警)

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	sensorid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmPointLineHis
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointline/noalarm
```

Request query

```
{
  "modelid" : "string",
  "sensorid" : "string"
}
```

Example HTTP response

Response 200

```
{  
    "alarm_his" : [ {  
        "alarm" : 0,  
        "time" : 0  
    } ],  
    "parameter_bule_his" : [ {  
        "quality" : 0,  
        "time" : 0,  
        "value" : "string"  
    } ],  
    "parameter_red_his" : [ {  
        "quality" : 0,  
        "time" : 0,  
        "value" : "string"  
    } ],  
    "residual_his" : [ {  
        "quality" : 0,  
        "time" : 0,  
        "value" : "string"  
    } ],  
    "siecode" : "string"  
}
```

2.21.38. 曲 (非告警)

```
GET /trendwaring_detail/view/pointline/noalarm
```

Description

曲 (非告警)

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	sensorid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	ScreenAlarmPointLineHis

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointline/noalarm
```

Request query

```
{
  "modelid" : "string",
  "sensorid" : "string"
}
```

Example HTTP response

Response 200

```
{
  "alarm_his" : [ {
    "alarm" : 0,
    "time" : 0
  } ],
  "parameter_bule_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "parameter_red_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "residual_his" : [ {
    "quality" : 0,
    "time" : 0,
    "value" : "string"
  } ],
  "siecode" : "string"
}
```

2.21.39. 取模型 点数量

```
POST /trendwaring_detail/view/pointnum/{modelid}
```

Description

取模型 点数量

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointnum/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.40. 取模型 点数量

```
GET /trendwaring_detail/view/pointnum/{modelid}
```

Description

取模型 点数量

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/pointnum/string
```

Example HTTP response

Response 200

```
"object"
```

2.21.41. 取工程信息

```
POST /trendwaring_detail/view/project/{projectid}
```

Description

取工程信息

Parameters

Type	Name	Description	Schema
Path	projectid <small>required</small>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningProject
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/project/string
```

Example HTTP response

Response 200

```
{
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "id" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "systemid" : "string"
}
```

2.21.42. 取工程信息

```
GET /trendwaring_detail/view/project/{projectId}
```

Description

取工程信息

Parameters

Type	Name	Description	Schema
Path	projectid <small>required</small>	projectid	string

Responses

HTTP Code	Description	Schema
200	OK	TrendwarningProject
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/project/string
```

Example HTTP response

Response 200

```
{
  "creater" : "string",
  "createtime" : "string",
  "description" : "string",
  "id" : "string",
  "modifier" : "string",
  "modifietime" : "string",
  "name" : "string",
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "systemid" : "string"
}
```

2.21.43. 取 点列表 (分)

```
POST /trendwaring_detail/view/sensorlist
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	length <i>optional</i>	integer (int32)
Query	regex <i>optional</i>	string
Query	start <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	SlickResponse«ScreenSensorSimple»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/sensorlist
```

Request query

```
{  
  "length" : 0,  
  "regex" : "string",  
  "start" : 0  
}
```

Example HTTP response

Response 200

```
{  
  "data" : [ {  
    "alarmlevel" : 0,  
    "continuetime_threshold" : 0,  
    "csCode" : "string",  
    "highresidual" : 0.0,  
    "id" : "string",  
    "iscalculatepoint" : 0,  
    "lowresidual" : 0.0,  
    "modelid" : "string",  
    "pointid" : 0,  
    "pointtype" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "sensorid" : "string",  
    "specialty" : 0,  
    "timescale_threshold" : 0.0,  
    "title" : "string"  
  } ],  
  "error" : "string",  
  "recordsFiltered" : 0,  
  "recordsTotal" : 0  
}
```

2.21.44. 取 点列表 (分)

```
GET /trendwaring_detail/view/sensorlist
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	length <i>optional</i>	integer (int32)
Query	regex <i>optional</i>	string
Query	start <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	SlickResponse«ScreenSensorSimple»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/sensorlist
```

Request query

```
{
  "length" : 0,
  "regex" : "string",
  "start" : 0
}
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "csCode" : "string",
    "highresidual" : 0.0,
    "id" : "string",
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "modelid" : "string",
    "pointid" : 0,
    "pointtype" : 0,
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "sensorid" : "string",
    "specialty" : 0,
    "timescale_threshold" : 0.0,
    "title" : "string"
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.21.45. 取模型可用 点列表

POST /trendwaring_detail/view/sensors/{modelid}

Description

取模型可用 点列表

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenSensorSimple > array

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/sensors/string
```

Example HTTP response

Response 200

```
[ {
  "alarmlevel" : 0,
  "continuetime_threshold" : 0,
  "csCode" : "string",
  "highresidual" : 0.0,
  "id" : "string",
  "iscalculatepoint" : 0,
  "lowresidual" : 0.0,
  "modelid" : "string",
  "pointid" : 0,
  "pointtype" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "sensorid" : "string",
  "specialty" : 0,
  "timescale_threshold" : 0.0,
  "title" : "string"
} ]
```

2.21.46. 取模型可用 点列表

```
GET /trendwaring_detail/view/sensors/{modelid}
```

Description

取模型可用 点列表

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenSensorSimple > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/sensors/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmlevel" : 0,  
    "continuetime_threshold" : 0,  
    "csCode" : "string",  
    "highresidual" : 0.0,  
    "id" : "string",  
    "iscalculatepoint" : 0,  
    "lowresidual" : 0.0,  
    "modelid" : "string",  
    "pointid" : 0,  
    "pointtype" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "sensorid" : "string",  
    "specialty" : 0,  
    "timescale_threshold" : 0.0,  
    "title" : "string"  
} ]
```

2.21.47. 取模型 点列表

```
POST /trendwaring_detail/view/twpointlist
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«TrendwarningMeasuringpoint»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlist
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "highresidual" : 0.0,
    "id" : 0,
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "maxReal" : 0.0,
    "maxResidual" : 0.0,
    "minReal" : 0.0,
    "minResidual" : 0.0,
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "sensorid" : "string",
    "specialty" : 0,
    "timescale_threshold" : 0.0,
    "training" : 0
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.21.48. 取模型 点列表

GET /trendwaring_detail/view/twpointlist



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse<`TrendwarningMeasuringpoint`>
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlist
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "highresidual" : 0.0,
    "id" : 0,
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "maxReal" : 0.0,
    "maxResidual" : 0.0,
    "minReal" : 0.0,
    "minResidual" : 0.0,
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "sensorid" : "string",
    "specialty" : 0,
    "timescale_threshold" : 0.0,
    "training" : 0
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.21.49. 取模型 点列表（分 接口）

```
POST /trendwaring_detail/view/twpointlist_anttable
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «ModelPointVO»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlist_anttable
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "highresidual" : 0.0,
    "id" : 0,
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "ruleList" : [ {
      "id" : "string",
      "name" : "string"
    } ],
    "selectedRule" : {
      "id" : "string",
      "name" : "string"
    },
    "sensorid" : "string",
    "sortnum" : 0,
    "specialty" : 0,
    "timescale_threshold" : 0.0
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
}
```

2.21.50. 取模型 点列表 (分 接口)

GET /trendwaring_detail/view/twpointlist_anttable



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «ModelPointVO»
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlist_anttable
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "alarmlevel" : 0,
    "continuetime_threshold" : 0,
    "highresidual" : 0.0,
    "id" : 0,
    "iscalculatepoint" : 0,
    "lowresidual" : 0.0,
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "ruleList" : [ {
      "id" : "string",
      "name" : "string"
    } ],
    "selectedRule" : {
      "id" : "string",
      "name" : "string"
    },
    "sensorid" : "string",
    "sortnum" : 0,
    "specialty" : 0,
    "timescale_threshold" : 0.0
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.21.51. 取模型下所有 点列表

```
POST /trendwaring_detail/view/twpointlistall
```

Description

取模型下所有 点列表

Parameters

Type	Name	Description	Schema
Query	modelid <i>required</i>	模型	string
Query	regex <i>optional</i>	模糊 内容	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlistall
```

Request query

```
{
  "modelid" : "string",
  "regex" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.21.52. 取模型下所有 点列表

```
GET /trendwaring_detail/view/twpointlistall
```

Description

取模型下所有 点列表

Parameters

Type	Name	Description	Schema
Query	modelid <i>required</i>	模型	string
Query	regex <i>optional</i>	模糊 内容	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_detail/view/twpointlistall
```

Request query

```
{
  "modelid" : "string",
  "regex" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.22. Tw-mode-controller

模式接口

2.22.1. 修改模式 用状

```
POST /trendwaring_mode/changeActiveStatus/{modeid}/{activeStatus}
```

Description

修改模式 用状

Parameters

Type	Name	Description	Schema
Path	activeStatus <small>required</small>	activeStatus	integer (int32)
Path	modeid <small>required</small>	modeid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/changeActiveStatus/string/0
```

Example HTTP response

Response 200

```
"object"
```

2.22.2. 修改模式 用状

```
GET /trendwaring_mode/changeActiveStatus/{modeid}/{activeStatus}
```

Description

修改模式 用状

Parameters

Type	Name	Description	Schema
Path	activeStatus <small>required</small>	activeStatus	integer (int32)
Path	modeid <small>required</small>	modeid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/changeActiveStatus/string/0
```

Example HTTP response

Response 200

```
"object"
```

2.22.3.

有效性

POST /trendwaring_mode/checkrules



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	rgbcolor <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/checkrules
```

Request query

```
{
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "rules" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.4. 有效性

```
GET /trendwaring_mode/checkrules
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	rgbcolor <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/checkrules
```

Request query

```
{
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "rules" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.5. 除模式

```
POST /trendwaring_mode/delete/{modeid}
```

Description

除模式

Parameters

Type	Name	Description	Schema
Path	modeid <small>required</small>	modeid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.22.6. 除模式

```
GET /trendwaring_mode/delete/{modeid}
```

Description

除模式

Parameters

Type	Name	Description	Schema
Path	modeid <small>required</small>	modeid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/delete/string
```

Example HTTP response

Response 200

```
"object"
```

2.22.7. 模式列表

```
POST /trendwaring_mode/modelist/{modelid}
```

Description

模式列表

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< TrendwarningMo de > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/modelist/string
```

Example HTTP response

Response 200

```
[ {
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "rules" : "string",
  "state" : 0
} ]
```

2.22.8. 模式列表

GET /trendwaring_mode/modelist/{modelid}

Description

模式列表

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< TrendwarningMo de> array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

/trendwaring_mode/modelist/string

Example HTTP response

Response 200

```
[ {  
    "id" : "string",  
    "modelid" : "string",  
    "name" : "string",  
    "priority" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "rgbcolor" : "string",  
    "rules" : "string",  
    "state" : 0  
} ]
```

2.22.9. 根据 点 型 取可用的 点列表

```
POST /trendwaring_mode/pointlist/{modelid}/{pointtype}
```

Description

根据 点 型 取可用的 点列表

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string
Path	pointtype <small>required</small>	pointtype	string

Responses

HTTP Code	Description	Schema
200	OK	< ScreenSensorSimple > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/pointlist/string/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmlevel" : 0,  
    "continuetime_threshold" : 0,  
    "csCode" : "string",  
    "highresidual" : 0.0,  
    "id" : "string",  
    "iscalculatepoint" : 0,  
    "lowresidual" : 0.0,  
    "modelid" : "string",  
    "pointid" : 0,  
    "pointtype" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "sensorid" : "string",  
    "specialty" : 0,  
    "timescale_threshold" : 0.0,  
    "title" : "string"  
} ]
```

2.22.10. 根据 点 型 取可用的 点列表

```
GET /trendwaring_mode/pointlist/{modelid}/{pointtype}
```

Description

根据 点 型 取可用的 点列表

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string
Path	pointtype <small>required</small>	pointtype	string

Responses

HTTP Code	Description	Schema
200	OK	<ScreenSensorSimple> array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/pointlist/string/string
```

Example HTTP response

Response 200

```
[ {  
    "alarmlevel" : 0,  
    "continuetime_threshold" : 0,  
    "csCode" : "string",  
    "highresidual" : 0.0,  
    "id" : "string",  
    "iscalculatepoint" : 0,  
    "lowresidual" : 0.0,  
    "modelid" : "string",  
    "pointid" : 0,  
    "pointtype" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "sensorid" : "string",  
    "specialty" : 0,  
    "timescale_threshold" : 0.0,  
    "title" : "string"  
} ]
```

2.22.11. 新建模式

```
POST /trendwaring_mode/save
```

Description

新建模式

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	rgbcolor <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/save
```

Request query

```
{  
    "id" : "string",  
    "modelid" : "string",  
    "name" : "string",  
    "priority" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "rgbcolor" : "string",  
    "rules" : "string",  
    "state" : 0  
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.12. 新建模式

```
GET /trendwaring_mode/save
```

Description

新建模式

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string

Type	Name	Schema
Query	reserve03 <i>optional</i>	string
Query	rgbcolor <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/save
```

Request query

```
{
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "rules" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.13. 模式信息

```
POST /trendwaring_mode/selectModeInfos
```

Description

模式信息

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/selectModeInfos
```

Request query

```
{
  "bgTime" : 0,
  "endTime" : 0,
  "modelid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.14. 模式信息

```
GET /trendwaring_mode/selectModeInfos
```

Description

模式信息

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/selectModeInfos
```

Request query

```
{  
    "bgTime" : 0,  
    "endTime" : 0,  
    "modelid" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.15. 半 督模式列表

```
POST /trendwaring_mode/semiModelist/{modelid}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid <small>required</small>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< TrendwarningSem imode > array
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/semiModelist/string
```

Example HTTP response

Response 200

```
[ {
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "searchlo" : 0,
  "searchup" : 0,
  "semialgo" : 0,
  "state" : 0
} ]
```

2.22.16. 半 督模式列表

```
GET /trendwaring_mode/semiModelist/{modelid}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< TrendwarningSem imode > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/semiModelist/string
```

Example HTTP response

Response 200

```
[ {  
    "id" : "string",  
    "modelid" : "string",  
    "name" : "string",  
    "priority" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "rgbcolor" : "string",  
    "searchlo" : 0,  
    "searchup" : 0,  
    "semialgo" : 0,  
    "state" : 0  
} ]
```

2.22.17. 修改模式

```
POST /trendwaring_mode/update
```

Description

修改模式

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string
Query	rgbcolor <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/update
```

Request query

```
{
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbcolor" : "string",
  "rules" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.22.18. 修改模式

```
GET /trendwaring_mode/update
```

Description

修改模式

Parameters

Type	Name	Schema
Query	id <i>optional</i>	string
Query	modelid <i>optional</i>	string
Query	name <i>optional</i>	string
Query	priority <i>optional</i>	integer (int32)
Query	reserve01 <i>optional</i>	string
Query	reserve02 <i>optional</i>	string
Query	reserve03 <i>optional</i>	string

Type	Name	Schema
Query	rgbc <i>optional</i>	string
Query	rules <i>optional</i>	string
Query	state <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_mode/update
```

Request query

```
{
  "id" : "string",
  "modelid" : "string",
  "name" : "string",
  "priority" : 0,
  "reserve01" : "string",
  "reserve02" : "string",
  "reserve03" : "string",
  "rgbc" : "string",
  "rules" : "string",
  "state" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.23. Tw-sampletime-controller

模型采 接口

2.23.1. 除采

```
POST /trendwaring_sampletime/delete
```

Description

除采

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	filteredBgTime <i>optional</i>	integer (int64)
Query	filteredEndTime <i>optional</i>	integer (int64)
Query	id <i>optional</i>	integer (int32)
Query	innerFilteredBgTime <i>optional</i>	integer (int64)
Query	innerFilteredEndTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/delete
```

Request query

```
{
  "bgTime" : 0,
  "endTime" : 0,
  "filteredBgTime" : 0,
  "filteredEndTime" : 0,
  "id" : 0,
  "innerFilteredBgTime" : 0,
  "innerFilteredEndTime" : 0,
  "modelid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.23.2. 除采

```
GET /trendwaring_sampletime/delete
```

Description

除采

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	filteredBgTime <i>optional</i>	integer (int64)
Query	filteredEndTime <i>optional</i>	integer (int64)

Type	Name	Schema
Query	id <i>optional</i>	integer (int32)
Query	innerFilteredBgTime <i>optional</i>	integer (int64)
Query	innerFilteredEndTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/delete
```

Request query

```
{
  "bgTime" : 0,
  "endTime" : 0,
  "filteredBgTime" : 0,
  "filteredEndTime" : 0,
  "id" : 0,
  "innerFilteredBgTime" : 0,
  "innerFilteredEndTime" : 0,
  "modelid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.23.3. 新 /修改采

```
POST /trendwaring_sampletime/saveorupdate
```

Description

新 /修改采

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	filteredBgTime <i>optional</i>	integer (int64)
Query	filteredEndTime <i>optional</i>	integer (int64)
Query	id <i>optional</i>	integer (int32)
Query	innerFilteredBgTime <i>optional</i>	integer (int64)
Query	innerFilteredEndTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/saveorupdate
```

Request query

```
{  
    "bgTime" : 0,  
    "endTime" : 0,  
    "filteredBgTime" : 0,  
    "filteredEndTime" : 0,  
    "id" : 0,  
    "innerFilteredBgTime" : 0,  
    "innerFilteredEndTime" : 0,  
    "modelid" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.23.4. 新 /修改采

```
GET /trendwaring_sampletime/saveorupdate
```

Description

新 /修改采

Parameters

Type	Name	Schema
Query	bgTime <i>optional</i>	integer (int64)
Query	endTime <i>optional</i>	integer (int64)
Query	filteredBgTime <i>optional</i>	integer (int64)
Query	filteredEndTime <i>optional</i>	integer (int64)
Query	id <i>optional</i>	integer (int32)

Type	Name	Schema
Query	innerFilteredBgTime <i>optional</i>	integer (int64)
Query	innerFilteredEndTime <i>optional</i>	integer (int64)
Query	modelid <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/saveorupdate
```

Request query

```
{
  "bgTime" : 0,
  "endTime" : 0,
  "filteredBgTime" : 0,
  "filteredEndTime" : 0,
  "id" : 0,
  "innerFilteredBgTime" : 0,
  "innerFilteredEndTime" : 0,
  "modelid" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.23.5. 采列表(分)

```
POST /trendwaring_sampletime/view/list
```

Description

采列表(分)

Parameters

Type	Name	Description	Schema
Query	modelid <i>required</i>	模型	string
Query	page <i>required</i>	求的 数	string
Query	regex <i>optional</i>	模糊 参数	string
Query	results <i>required</i>	求 果数	string
Query	sortField <i>required</i>	排序的字段	string
Query	sortOrder <i>required</i>	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «TrendwarningSampletime»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/view/list
```

Request query

```
{  
    "modelid" : "string",  
    "page" : "string",  
    "regex" : "string",  
    "results" : "string",  
    "sortField" : "string",  
    "sortOrder" : "string"  
}
```

Example HTTP response

Response 200

```
{  
    "data" : [ {  
        "bgtmie" : "string",  
        "duration" : 0,  
        "endtime" : "string",  
        "id" : 0,  
        "modeid" : "string",  
        "modelid" : "string",  
        "reserve01" : "string",  
        "reserve02" : "string",  
        "reserve03" : "string",  
        "samplenumber" : 0  
    } ],  
    "error" : "string",  
    "recordsFiltered" : 0,  
    "recordsTotal" : 0  
}
```

2.23.6. 采样列表(分页)

```
GET /trendwaring_sampletime/view/list
```

Description

采样列表(分页)

Parameters

Type	Name	Description	Schema
Query	modelid <small>required</small>	模型	string

Type	Name	Description	Schema
Query	page required	求的 数	string
Query	regex optional	模糊 参数	string
Query	results required	求 果数	string
Query	sortField required	排序的字段	string
Query	sortOrder required	排序方式：升序：ascend；降序：descend	string

Responses

HTTP Code	Description	Schema
200	OK	AntTableResponse «TrendwarningSa mpleteime»
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_sampletime/view/list
```

Request query

```
{
  "modelid" : "string",
  "page" : "string",
  "regex" : "string",
  "results" : "string",
  "sortField" : "string",
  "sortOrder" : "string"
}
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "bgtmie" : "string",
    "duration" : 0,
    "endtime" : "string",
    "id" : 0,
    "modeid" : "string",
    "modelid" : "string",
    "reserve01" : "string",
    "reserve02" : "string",
    "reserve03" : "string",
    "samplenumber" : 0
  } ],
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.24. Tw-semi-mode-controller

半 督模式接口

2.24.1. 工况

POST /trendwaring_semidemode/doSemiAlgo



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	searchlo <i>optional</i>	integer (int32)
Query	searchup <i>optional</i>	integer (int32)
Query	semialgo <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidemode/doSemiAlgo
```

Request query

```
{
  "modelid" : "string",
  "searchlo" : 0,
  "searchup" : 0,
  "semialgo" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.24.2. 工况

```
GET /trendwaring_semidemode/doSemiAlgo
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	modelid <i>optional</i>	string
Query	searchlo <i>optional</i>	integer (int32)
Query	searchup <i>optional</i>	integer (int32)
Query	semialgo <i>optional</i>	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidemode/doSemiAlgo
```

Request query

```
{
  "modelid" : "string",
  "searchlo" : 0,
  "searchup" : 0,
  "semialgo" : 0
}
```

Example HTTP response

Response 200

```
"object"
```

2.24.3. 取模型下所有模式信息（表 式模式&半 督模式）及 点的 史数据

```
POST /trendwaring_semidemode/initModesAndPointLines/{modelid}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidemode/initModesAndPointLines/string
```

Example HTTP response

Response 200

```
"object"
```

2.24.4. 取模型下所有模式信息（表 式模式&半 督模式）及 点的 史数据

```
GET /trendwaring_semidemode/initModesAndPointLines/{modelid}
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Description	Schema
Path	modelid <i>required</i>	modelid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidemode/initModesAndPointLines/string
```

Example HTTP response

Response 200

```
"object"
```

2.24.5. 保存非表 式模式 果

```
POST /trendwaring_semidemode/semimodes/save
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	semiModes <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidmode/semimodes/save
```

Request query

```
{
  "semiModes" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.24.6. 保存非表 式模式 果

```
GET /trendwaring_semidmode/semimodes/save
```



operation.deprecated

Description

接口 用

Parameters

Type	Name	Schema
Query	semiModes <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/trendwaring_semidmode/semimodes/save
```

Request query

```
{
  "semiModes" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25. Users-controller

用 接口

2.25.1. 是否存在同名的 工号

```
POST /users/checkDoubleEmployeeNum
```

Description

是否存在同名的 工号

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkDoubleEmployeeNum
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeeNum" : "string",
  "fullName" : "string",
  "groupID" : "string",
  "id" : 0,
  "isDistributed" : 0,
  "lv" : "string",
  "password" : "string",
  "phone" : "string",
  "roleID" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.2. 是否存在同名的 工号

```
GET /users/checkDoubleEmployeeNum
```

Description

是否存在同名的 工号

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkDoubleEmployeeNum
```

Request query

```
{  
    "department" : "string",  
    "email" : "string",  
    "employeeNum" : "string",  
    "fullName" : "string",  
    "groupID" : "string",  
    "id" : 0,  
    "isDistributed" : 0,  
    "lv" : "string",  
    "password" : "string",  
    "phone" : "string",  
    "roleID" : "string",  
    "userName" : "string"  
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.3. 是否存在同名的用户名

```
POST /users/checkDoubleUsername
```

Description

是否存在同名的用户名

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string

Type	Name	Schema
Query	id <i>optional</i>	integer (int32)
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkDoubleUsername
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeeNum" : "string",
  "fullName" : "string",
  "groupID" : "string",
  "id" : 0,
  "isDistributed" : 0,
  "lv" : "string",
  "password" : "string",
  "phone" : "string",
  "roleID" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.4. 是否存在同名的用 名

```
GET /users/checkDoubleUsername
```

Description

是否存在同名的用 名

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)

Type	Name	Schema
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkDoubleUsername
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeeNum" : "string",
  "fullName" : "string",
  "groupID" : "string",
  "id" : 0,
  "isDistributed" : 0,
  "lv" : "string",
  "password" : "string",
  "phone" : "string",
  "roleID" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.5. 用名是否存在

POST /users/checkusername



operation.deprecated

Description

接口期

Parameters

Type	Name	Schema
Query	available <i>optional</i>	boolean
Query	email <i>optional</i>	string
Query	employeenum <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	passwd <i>optional</i>	string

Type	Name	Schema
Query	phone <i>optional</i>	string
Query	post <i>optional</i>	string
Query	rolelist <i>optional</i>	string
Query	sex <i>optional</i>	string
Query	truename <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkusername
```

Request query

```
{
  "available" : true,
  "email" : "string",
  "employeenum" : "string",
  "id" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "rolelist" : "string",
  "sex" : "string",
  "truername" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.6. 用名是否存在

GET /users/checkusername



operation.deprecated

Description

接口期

Parameters

Type	Name	Schema
Query	available <i>optional</i>	boolean
Query	email <i>optional</i>	string
Query	employeenum <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	passwd <i>optional</i>	string

Type	Name	Schema
Query	phone <i>optional</i>	string
Query	post <i>optional</i>	string
Query	rolelist <i>optional</i>	string
Query	sex <i>optional</i>	string
Query	truename <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/checkusername
```

Request query

```
{
  "available" : true,
  "email" : "string",
  "employeenum" : "string",
  "id" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "rolelist" : "string",
  "sex" : "string",
  "truername" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.7. 新建或修改用

```
POST /users/createOrUpdate
```

Description

新建或修改用

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)

Type	Name	Schema
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/createOrUpdate
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeeNum" : "string",
  "fullName" : "string",
  "groupID" : "string",
  "id" : 0,
  "isDistributed" : 0,
  "lv" : "string",
  "password" : "string",
  "phone" : "string",
  "roleID" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.8. 新建或修改用

```
GET /users/createOrUpdate
```

Description

新建或修改用

Parameters

Type	Name	Schema
Query	department <i>optional</i>	string
Query	email <i>optional</i>	string
Query	employeeNum <i>optional</i>	string
Query	fullName <i>optional</i>	string
Query	groupID <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)

Type	Name	Schema
Query	isDistributed <i>optional</i>	integer (int32)
Query	lv <i>optional</i>	string
Query	password <i>optional</i>	string
Query	phone <i>optional</i>	string
Query	roleID <i>optional</i>	string
Query	userName <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/createOrUpdate
```

Request query

```
{
  "department" : "string",
  "email" : "string",
  "employeeNum" : "string",
  "fullName" : "string",
  "groupID" : "string",
  "id" : 0,
  "isDistributed" : 0,
  "lv" : "string",
  "password" : "string",
  "phone" : "string",
  "roleID" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.9. 除一个信息

```
POST /users/delete/{id}
```

Description

除一个信息

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Example HTTP request

Request path

```
/users/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.10. 除 个信息

```
GET /users/delete/{id}
```

Description

除 个信息

Parameters

Type	Name	Description	Schema
Path	id required	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/delete/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.11. 得所有用

```
POST /users/getAllUsers
```

Description

得所有用

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getAllUsers
```

Example HTTP response

Response 200

```
"object"
```

2.25.12. 得所有用

```
GET /users/getAllUsers
```

Description

得所有用

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getAllUsers
```

Example HTTP response

Response 200

```
"object"
```

2.25.13. 通 ID得到已分配 限的用

```
POST /users/getGroupUsers/{groupID}
```

Description

通 ID得到已分配 限的用

Parameters

Type	Name	Description	Schema
Path	groupID <small>required</small>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getGroupUsers/string
```

Example HTTP response

Response 200

```
"object"
```

2.25.14. 通 ID得到已分配 限的用

```
GET /users/getGroupUsers/{groupID}
```

Description

通 ID得到已分配 限的用

Parameters

Type	Name	Description	Schema
Path	groupID <i>required</i>	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getGroupUsers/string
```

Example HTTP response

Response 200

```
"object"
```

2.25.15. 通 ID得到未分配 限的用

```
POST /users/getNotDistributedUsers/{groupID}
```

Description

通 ID得到未分配 限的用

Parameters

Type	Name	Description	Schema
Path	groupID required	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getNotDistributedUsers/string
```

Example HTTP response

Response 200

```
"object"
```

2.25.16. 通 ID得到未分配 限的用

```
GET /users/getNotDistributedUsers/{groupID}
```

Description

通 ID得到未分配 限的用

Parameters

Type	Name	Description	Schema
Path	groupID required	groupID	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getNotDistributedUsers/string
```

Example HTTP response

Response 200

```
"object"
```

2.25.17. 通 用 ID得到用 信息

```
POST /users/getUserDetail/{userID}
```

Description

通 用 ID得到用 信息

Parameters

Type	Name	Description	Schema
Path	userID <i>required</i>	userID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getUserDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.18. 通 用 ID得到用 信息

```
GET /users/getUserDetail/{userID}
```

Description

通 用 ID得到用 信息

Parameters

Type	Name	Description	Schema
Path	userID <i>required</i>	userID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/getUserDetail/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.19. 除用 信息

```
POST /users/removeUser/{userID}
```

Description

除用 信息

Parameters

Type	Name	Description	Schema
Path	userID required	userID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/removeUser/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.20. 除用 信息

```
GET /users/removeUser/{userID}
```

Description

除用 信息

Parameters

Type	Name	Description	Schema
Path	userID required	userID	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/removeUser/0
```

Example HTTP response

Response 200

```
"object"
```

2.25.21. 新 或者更新

```
POST /users/saveorupdate
```

Description

新 或者更新

Parameters

Type	Name	Schema
Query	available <i>optional</i>	boolean
Query	email <i>optional</i>	string
Query	employeenum <i>optional</i>	string
Query	id <i>optional</i>	integer (int32)
Query	passwd <i>optional</i>	string

Type	Name	Schema
Query	phone <i>optional</i>	string
Query	post <i>optional</i>	string
Query	rolelist <i>optional</i>	string
Query	sex <i>optional</i>	string
Query	truename <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/saveorupdate
```

Request query

```
{
  "available" : true,
  "email" : "string",
  "employeenum" : "string",
  "id" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "rolelist" : "string",
  "sex" : "string",
  "truername" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.22. 新 或者更新

```
GET /users/saveorupdate
```

Description

新 或者更新

Parameters

Type	Name	Schema
Query <i>optional</i>	available <i>optional</i>	boolean
Query <i>optional</i>	email <i>optional</i>	string
Query <i>optional</i>	employeenum <i>optional</i>	string
Query <i>optional</i>	id <i>optional</i>	integer (int32)
Query <i>optional</i>	passwd <i>optional</i>	string
Query <i>optional</i>	phone <i>optional</i>	string

Type	Name	Schema
Query	post <i>optional</i>	string
Query	rolelist <i>optional</i>	string
Query	sex <i>optional</i>	string
Query	truename <i>optional</i>	string
Query	username <i>optional</i>	string

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/saveorupdate
```

Request query

```
{
  "available" : true,
  "email" : "string",
  "employeenum" : "string",
  "id" : 0,
  "passwd" : "string",
  "phone" : "string",
  "post" : "string",
  "rolelist" : "string",
  "sex" : "string",
  "truename" : "string",
  "username" : "string"
}
```

Example HTTP response

Response 200

```
"object"
```

2.25.23. 用 列表 (分)

```
POST /users/view/list
```



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse«ScreenUserAll»
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/list
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "available" : true,
    "email" : "string",
    "employeenum" : "string",
    "id" : 0,
    "phone" : "string",
    "post" : "string",
    "reserve01" : "string",
    "roleIdStrArray" : "string",
    "roleNameStrArray" : "string",
    "roles" : [ {
      "groupid" : "string",
      "id" : 0,
      "reserve01" : "string",
      "reserve02" : "string",
      "reserve03" : "string",
      "roledescription" : "string",
      "rolename" : "string"
    } ],
    "sex" : "string",
    "truename" : "string",
    "username" : "string"
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.25.24. 用 列表 (分)

GET /users/view/list



operation.deprecated

Description

接口 用

Responses

HTTP Code	Description	Schema
200	OK	DatatablesResponse<ScreenUserAll>
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/list
```

Example HTTP response

Response 200

```
{
  "data" : [ {
    "available" : true,
    "email" : "string",
    "employeenum" : "string",
    "id" : 0,
    "phone" : "string",
    "post" : "string",
    "reserve01" : "string",
    "roleIdStrArray" : "string",
    "roleNameStrArray" : "string",
    "roles" : [ {
      "groupid" : "string",
      "id" : 0,
      "reserve01" : "string",
      "reserve02" : "string",
      "reserve03" : "string",
      "roledescription" : "string",
      "rolename" : "string"
    } ],
    "sex" : "string",
    "truename" : "string",
    "username" : "string"
  } ],
  "draw" : 0,
  "error" : "string",
  "recordsFiltered" : 0,
  "recordsTotal" : 0
}
```

2.25.25. 通 用 Id 角色列表

```
POST /users/view/roles/{id}
```

Description

通 用 Id 角色列表

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< Roles > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/roles/0
```

Example HTTP response

Response 200

```
[ {  
    "groupid" : "string",  
    "id" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "roledescription" : "string",  
    "rolename" : "string"  
} ]
```

2.25.26. 通 用 Id 角色列表

```
GET /users/view/roles/{id}
```

Description

通 用 Id 角色列表

Parameters

Type	Name	Description	Schema
Path	id <small>required</small>	id	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	< Roles > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/roles/0
```

Example HTTP response

Response 200

```
[ {  
    "groupid" : "string",  
    "id" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "roledescription" : "string",  
    "rolename" : "string"  
} ]
```

2.25.27. 角色列表（不分 ， 所有数据）

```
POST /users/view/roles_all
```

Description

角色列表（不分 ， 所有数据）

Responses

HTTP Code	Description	Schema
200	OK	< Roles > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/roles_all
```

Example HTTP response

Response 200

```
[ {  
    "groupid" : "string",  
    "id" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "roledescription" : "string",  
    "rolename" : "string"  
} ]
```

2.25.28. 角色列表（不分 ， 所有数据）

```
GET /users/view/roles_all
```

Description

角色列表（不分页，所有数据）

Responses

HTTP Code	Description	Schema
200	OK	< Roles > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/users/view/roles_all
```

Example HTTP response

Response 200

```
[ {  
    "groupid" : "string",  
    "id" : 0,  
    "reserve01" : "string",  
    "reserve02" : "string",  
    "reserve03" : "string",  
    "roledescription" : "string",  
    "rolename" : "string"  
} ]
```

2.26. Version-controller

版本接口

2.26.1. 取版本信息

```
POST /version/
```

Description

取版本信息

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/version/
```

Example HTTP response

Response 200

```
"object"
```

2.26.2. 取版本信息

```
GET /version/
```

Description

取版本信息

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Example HTTP request

Request path

```
/version/
```

Example HTTP response

Response 200

```
"object"
```

Chapter 3. Definitions

3.1. AlarmAnalysisResponse

Name	Description	Schema
allAlarmTimeMapperList <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
sensorDataLines <i>optional</i>	Example : ["SensorTrainLine"]	< SensorTrainLine > array
twRegulationsList <i>optional</i>	Example : ["TwRegulations"]	< TwRegulations > array

3.2. AlarmLevel

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
level <i>optional</i>	Example : 0	integer (int32)

3.3. AlarmStatus

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
status <i>optional</i>	Example : 0	integer (int32)

3.4. AntTableResponse«ModelPointVO»

Name	Description	Schema
data <i>optional</i>	Example : ["ModelPointVO"]	< ModelPointVO > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.5. AntTableResponse«ScreenAlarmAll»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenAlarmAll"]	< ScreenAlarmAll > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.6. AntTableResponse«ScreenCalculationSensor»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenCalculationSensor"]	< ScreenCalculationSensor > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.7. AntTableResponse«TrendwarningSampletime»

Name	Description	Schema
data <i>optional</i>	Example : ["TrendwarningSampletime"]	< TrendwarningSampletime > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.8. AsyncTaskExecutor

Type : object

3.9. Callable«object»

Type : object

3.10. ComponentDesignParameters

Name	Description	Schema
componentid <i>optional</i>	Example : "string"	string
description <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
title <i>optional</i>	Example : "string"	string
type <i>optional</i>	Example : "string"	string
unit <i>optional</i>	Example : "string"	string
value <i>optional</i>	Example : "string"	string

3.11. DatatablesResponse

Name	Description	Schema
data <i>optional</i>	Example : ["object"]	< object > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.12. DatatablesResponse«ScreenAuthority»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenAuthority"]	< ScreenAuthority > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.13. DatatablesResponse«ScreenRole»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenRole"]	< ScreenRole > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.14. DatatablesResponse«ScreenUserAll»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenUserAll"]	< ScreenUserAll > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)

Name	Description	Schema
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.15. DatatablesResponse«ScreenUser»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenUser"]	< ScreenUser > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.16.

DatatablesResponse«TrendwarningMeasuringpoint»

Name	Description	Schema
data <i>optional</i>	Example : ["TrendwarningMeasuringpoint"]	< TrendwarningMeasuringpoint > array
draw <i>optional</i>	Example : 0	integer (int32)
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.17. Equipment

Name	Description	Schema
assetnature <i>optional</i>	Example : "string"	string
assetnumbers <i>optional</i>	Example : "string"	string

Name	Description	Schema
assetownershi p <i>optional</i>	Example : "string"	string
assetstates <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
kks <i>optional</i>	Example : "string"	string
location <i>optional</i>	Example : "string"	string
maintenancet eam <i>optional</i>	Example : "string"	string
manufacturer <i>optional</i>	Example : "string"	string
mediumtype <i>optional</i>	Example : "string"	string
model <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
operationalun its <i>optional</i>	Example : "string"	string
operationspro fessional <i>optional</i>	Example : "string"	string
outingdate <i>optional</i>	Example : "string"	string (date-time)
owners <i>optional</i>	Example : "string"	string
powerplant <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
state <i>optional</i>	Example : "string"	string

Name	Description	Schema
system <i>optional</i>	Example : "string"	string
type <i>optional</i>	Example : "string"	string
workingdate <i>optional</i>	Example : "string"	string (date-time)

3.18. EquipmentDesignParameters

Name	Description	Schema
description <i>optional</i>	Example : "string"	string
equitmentid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
title <i>optional</i>	Example : "string"	string
type <i>optional</i>	Example : "string"	string
unit <i>optional</i>	Example : "string"	string
value <i>optional</i>	Example : "string"	string

3.19. EquipmentSystems

Name	Description	Schema
fatherid <i>optional</i>	Example : 0	integer (int32)
id <i>optional</i>	Example : 0	integer (int32)
kkscode <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string

Name	Description	Schema
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
syslevel <i>optional</i>	Example : 0	integer (int32)

3.20. HisDataResult

Name	Description	Schema
bgtime <i>optional</i>	Example : 0	integer (int64)
changeDefaultTime <i>optional</i>	Example : true	boolean
changeDefaultTimeMsg <i>optional</i>	Example : "string"	string
endtime <i>optional</i>	Example : 0	integer (int64)
hisAlarmIntervals <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
modeInfos <i>optional</i>	Example : ["ModeInfo"]	< ModeInfo > array
modelid <i>optional</i>	Example : "string"	string
outSideHisDataResult <i>optional</i>	Example : HisDataResult	HisDataResult
selectedTimeRangeLines <i>optional</i>	Example : ["SelectedTimeRangeLine"]	< SelectedTimeRangeLine > array
sensorTrainLines <i>optional</i>	Example : ["SensorTrainLine"]	< SensorTrainLine > array
sensorTrainLinesString <i>optional</i>	Example : "string"	string

Name	Description	Schema
sensorValidationInterTime <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
trainStatus <i>optional</i>	Example : "string"	string
trainTime <i>optional</i>	Example : 0	integer (int64)

3.21. MeasuringPoint

Name	Description	Schema
alarmInfo <i>optional</i>	Example : "ThreeDSingleAlarm"	ThreeDSingleAlarm
alarmTimeList <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
alarmLevel <i>optional</i>	Example : 0	integer (int32)
alarmMsg <i>optional</i>	Example : "string"	string
alarmNum <i>optional</i>	Example : 0	integer (int32)
alarmStatus <i>optional</i>	Example : 0	integer (int32)
bgTime <i>optional</i>	Example : 0	integer (int64)
durationTime <i>optional</i>	Example : 0	integer (int64)
endTime <i>optional</i>	Example : 0	integer (int64)
firstAlarmTime <i>optional</i>	Example : 0	integer (int64)
historyAlarmNum <i>optional</i>	Example : 0	integer (int32)
latestAlarmTime <i>optional</i>	Example : 0	integer (int64)
modelId <i>optional</i>	Example : "string"	string
modelName <i>optional</i>	Example : "string"	string

Name	Description	Schema
plantname <i>optional</i>	Example : "string"	string
pointid <i>optional</i>	Example : "string"	string
pointname <i>optional</i>	Example : "string"	string
projectname <i>optional</i>	Example : "string"	string
sensorValueList <i>optional</i>	Example : ["SensorValue"]	< SensorValue > array
systemname <i>optional</i>	Example : "string"	string

3.22. ModeInfo

Name	Description	Schema
modeName <i>optional</i>	Example : "string"	string
modeTimes <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
modeid <i>optional</i>	Example : "string"	string
priorityLevel <i>optional</i>	Example : 0	integer (int32)
rgbColor <i>optional</i>	Example : "string"	string

3.23. ModelMap

Type : < string, object > map

3.24. ModelPointVO

Name	Description	Schema
alarmlevel <i>optional</i>	Example : 0	integer (int32)
continuetime_threshold <i>optional</i>	Example : 0	integer (int32)
highresidual <i>optional</i>	Example : 0.0	number

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
iscalculatepoi nt <i>optional</i>	Example : 0	integer (int32)
lowresidual <i>optional</i>	Example : 0.0	number
modelid <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
ruleList <i>optional</i>	Example : ["VsRuleVO"]	< VsRuleVO > array
selectedRule <i>optional</i>	Example : "VsRuleVO"	VsRuleVO
sensorid <i>optional</i>	Example : "string"	string
sortnum <i>optional</i>	Example : 0	integer (int32)
specialty <i>optional</i>	Example : 0	integer (int32)
timescale_thr eshold <i>optional</i>	Example : 0.0	number

3.25. PowerPlant

Name	Description	Schema
branchid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
provinceid <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string

Name	Description	Schema
reserve03 <i>optional</i>	Example : "string"	string

3.26. Powers

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
powerdescription <i>optional</i>	Example : "string"	string
powername <i>optional</i>	Example : "string"	string
poweruri <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string

3.27. RealTimeModelData

Name	Description	Schema
alarm <i>optional</i>	Example : true	boolean
estimatedValue <i>optional</i>	Example : "XYPoint"	XYPoint
realValue <i>optional</i>	Example : "XYPoint"	XYPoint
residualValue <i>optional</i>	Example : "XYPoint"	XYPoint
sensorid <i>optional</i>	Example : "string"	string
sensorname <i>optional</i>	Example : "string"	string

3.28. RealTimeModelDataResponse

Name	Description	Schema
modelid <i>optional</i>	Example : "string"	string
newmsg <i>optional</i>	Example : true	boolean
realTimeMode IDataList <i>optional</i>	Example : ["RealTimeModelData"]	< RealTimeModelData > array
twRegulation <i>optional</i>	Example : "TwRegulations"	TwRegulations

3.29. Roles

Name	Description	Schema
groupid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
roledescription <i>optional</i>	Example : "string"	string
rolename <i>optional</i>	Example : "string"	string

3.30. ScreenAlarmAll

Name	Description	Schema
actualValue <i>optional</i>	Example : 0.0	number (double)
alarmMsg <i>optional</i>	Example : "string"	string
alarmPointMs <i>optional</i>	Example : "string"	string
alarmid <i>optional</i>	Example : "string"	string

Name	Description	Schema
alarmlevel <i>optional</i>	Example : 0	integer (int32)
alarmnum <i>optional</i>	Example : 0	integer (int32)
alarmstatus <i>optional</i>	Example : 0	integer (int32)
confirmpeople <i>optional</i>	Example : "string"	string
confirmtime <i>optional</i>	Example : 0	integer (int64)
crewId <i>optional</i>	Example : "string"	string
crewName <i>optional</i>	Example : "string"	string
durationtime <i>optional</i>	Example : 0	integer (int64)
durationtimes <i>tr</i> <i>optional</i>	Example : "string"	string
endtime <i>optional</i>	Example : 0	integer (int64)
estimatedValue <i>optional</i>	Example : 0.0	number (double)
firstAlarmTime <i>optional</i>	Example : 0	integer (int64)
historyalarmnum <i>optional</i>	Example : 0	integer (int32)
latestAlarmTime <i>optional</i>	Example : 0	integer (int64)
modelAlarmNumAll <i>optional</i>	Example : 0	integer (int32)
modelId <i>optional</i>	Example : "string"	string
modelName <i>optional</i>	Example : "string"	string
modelversion <i>optional</i>	Example : "string"	string

Name	Description	Schema
plantId <i>optional</i>	Example : "string"	string
plantName <i>optional</i>	Example : "string"	string
pointid <i>optional</i>	Example : 0	integer (int32)
pointname <i>optional</i>	Example : "string"	string
projectId <i>optional</i>	Example : "string"	string
projectName <i>optional</i>	Example : "string"	string
proposal <i>optional</i>	Example : "string"	string
recoverytime <i>optional</i>	Example : 0	integer (int64)
residualValue <i>optional</i>	Example : 0.0	number (double)
selfhealing <i>optional</i>	Example : true	boolean
solvepeople <i>optional</i>	Example : "string"	string
solvetime <i>optional</i>	Example : 0	integer (int64)
specialty <i>optional</i>	Example : "string"	string
systemId <i>optional</i>	Example : "string"	string
systemName <i>optional</i>	Example : "string"	string
trainer <i>optional</i>	Example : "string"	string
traintime <i>optional</i>	Example : 0	integer (int64)
unit <i>optional</i>	Example : "string"	string

3.31. ScreenAlarmPointLineHis

Name	Description	Schema
alarm_his <i>optional</i>	Example : ["XYPointAlarm"]	< XYPointAlarm > array

Name	Description	Schema
parameter_bu le_his <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
parameter_re d_his <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
residual_his <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
siecode <i>optional</i>	Example : "string"	string

3.32. ScreenAuthority

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
powerdescript ion <i>optional</i>	Example : "string"	string
powername <i>optional</i>	Example : "string"	string
poweruri <i>optional</i>	Example : "string"	string
roleIdStrArra y <i>optional</i>	Example : "string"	string
roleNameStrA rray <i>optional</i>	Example : "string"	string
roles <i>optional</i>	Example : ["Roles"]	< Roles > array

3.33. ScreenCalculationSensor

Name	Description	Schema
active <i>optional</i>	Example : 0	integer (int32)
creater <i>optional</i>	Example : "string"	string
createtime <i>optional</i>	Example : "string"	string (date-time)
cscode <i>optional</i>	Example : "string"	string

Name	Description	Schema
description <i>optional</i>	Example : "string"	string
exp <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
isOpenCited <i>optional</i>	Example : 0	integer (int32)
iscited <i>optional</i>	Example : 0	integer (int32)
modifier <i>optional</i>	Example : "string"	string
modifytime <i>optional</i>	Example : "string"	string (date-time)
name <i>optional</i>	Example : "string"	string
projectid <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
transformedExp <i>optional</i>	Example : "string"	string

3.34. ScreenComponent

Name	Description	Schema
designParametersList <i>optional</i>	Example : ["ComponentDesignParameters"]	< ComponentDesignParameters > array
id <i>optional</i>	Example : "string"	string
manufacturer <i>optional</i>	Example : "string"	string
model <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
type <i>optional</i>	Example : "string"	string

Name	Description	Schema
workingdate_start <i>optional</i>	Example : "string"	string

3.35. ScreenCrewAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)
alarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
crewName <i>optional</i>	Example : "string"	string
crewSiecede <i>optional</i>	Example : "string"	string
ruleAlarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
systemAlarms <i>optional</i>	Example : ["ScreenSystemAlarm"]	<ScreenSystemAlarm> array
time <i>optional</i>	Example : 0	integer (int64)

3.36. ScreenModelAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)

Name	Description	Schema
alarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
modelName <i>optional</i>	Example : "string"	string
modelSiecede <i>optional</i>	Example : "string"	string
time <i>optional</i>	Example : 0	integer (int64)

3.37. ScreenPowerPlantAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)
crewAlarms <i>optional</i>	Example : ["ScreenCrewAlarm"]	< ScreenCrewAlarm > array
percentage <i>optional</i>	Example : 0	integer (int32)
plantName <i>optional</i>	Example : "string"	string
plantSiecede <i>optional</i>	Example : "string"	string
time <i>optional</i>	Example : 0	integer (int64)

3.38. ScreenProjectAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)
alarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)

Name	Description	Schema
alarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
modelAlarms <i>optional</i>	Example : ["ScreenModelAlarm"]	< ScreenModelAlarm > array
projectName <i>optional</i>	Example : "string"	string
projectSiecede <i>optional</i>	Example : "string"	string
ruleAlarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
time <i>optional</i>	Example : 0	integer (int64)

3.39. ScreenRole

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
roleDescription <i>optional</i>	Example : "string"	string
rolename <i>optional</i>	Example : "string"	string
used <i>optional</i>	Example : true	boolean
userIdStrArray <i>optional</i>	Example : "string"	string
userNameStrArray <i>optional</i>	Example : "string"	string

Name	Description	Schema
<code>users</code> <i>optional</i>	Example : ["Users"]	< Users > array

3.40. ScreenSensorSimple

Name	Description	Schema
<code>alarmlevel</code> <i>optional</i>	Example : 0	integer (int32)
<code>continuetime_threshold</code> <i>optional</i>	Example : 0	integer (int32)
<code>csCode</code> <i>optional</i>	Example : "string"	string
<code>highresidual</code> <i>optional</i>	Example : 0.0	number
<code>id</code> <i>optional</i>	Example : "string"	string
<code>iscalculatepoi_nt</code> <i>optional</i>	Example : 0	integer (int32)
<code>lowresidual</code> <i>optional</i>	Example : 0.0	number
<code>modelid</code> <i>optional</i>	Example : "string"	string
<code>pointid</code> <i>optional</i>	Example : 0	integer (int32)
<code>pointtype</code> <i>optional</i>	Example : 0	integer (int32)
<code>reserve01</code> <i>optional</i>	Example : "string"	string
<code>reserve02</code> <i>optional</i>	Example : "string"	string
<code>reserve03</code> <i>optional</i>	Example : "string"	string
<code>sensorid</code> <i>optional</i>	Example : "string"	string
<code>specialty</code> <i>optional</i>	Example : 0	integer (int32)
<code>timescale_threshold</code> <i>optional</i>	Example : 0.0	number
<code>title</code> <i>optional</i>	Example : "string"	string

3.41. ScreenSystemAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)
alarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
alarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
projectAlarms <i>optional</i>	Example : ["ScreenProjectAlarm"]	 ScreenProjectAlarm > array
ruleAlarmNumFirstLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumSecondLevel <i>optional</i>	Example : 0	integer (int32)
ruleAlarmNumThirdLevel <i>optional</i>	Example : 0	integer (int32)
sysName <i>optional</i>	Example : "string"	string
sysSiecedeode <i>optional</i>	Example : "string"	string
time <i>optional</i>	Example : 0	integer (int64)

3.42. ScreenTrendwarningModel

Name	Description	Schema
alarmnum <i>optional</i>	Example : 0	integer (int32)
creater <i>optional</i>	Example : "string"	string
createtime <i>optional</i>	Example : "string"	string (date-time)
description <i>optional</i>	Example : "string"	string

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
modifier <i>optional</i>	Example : "string"	string
modifietime <i>optional</i>	Example : "string"	string (date-time)
name <i>optional</i>	Example : "string"	string
projectid <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : 0	integer (int64)
reserve03 <i>optional</i>	Example : "string"	string
state <i>optional</i>	Example : 0	integer (int32)
trainer <i>optional</i>	Example : "string"	string
traintime <i>optional</i>	Example : "string"	string (date-time)

3.43. ScreenUser

Name	Description	Schema
email <i>optional</i>	Example : "string"	string
employeenum <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
phone <i>optional</i>	Example : "string"	string
post <i>optional</i>	Example : "string"	string
sex <i>optional</i>	Example : "string"	string
truename <i>optional</i>	Example : "string"	string
username <i>optional</i>	Example : "string"	string

3.44. ScreenUserAll

Name	Description	Schema
available <i>optional</i>	Example : true	boolean
email <i>optional</i>	Example : "string"	string
employeeenum <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
phone <i>optional</i>	Example : "string"	string
post <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
roleIdStrArra <i>y</i> <i>optional</i>	Example : "string"	string
roleNameStrA <i>rray</i> <i>optional</i>	Example : "string"	string
roles <i>optional</i>	Example : ["Roles"]	< Roles > array
sex <i>optional</i>	Example : "string"	string
truename <i>optional</i>	Example : "string"	string
username <i>optional</i>	Example : "string"	string

3.45. SelectedTimeRangeLine

Name	Description	Schema
bgTime <i>optional</i>	Example : 0	integer (int64)
endTime <i>optional</i>	Example : 0	integer (int64)
id <i>optional</i>	Example : 0	integer (int32)

3.46. Sensor

Name	Description	Schema
alarmType <i>optional</i>	Example : 0	integer (int32)
rangedown <i>optional</i>	Example : "string"	string
rangeunit <i>optional</i>	Example : "string"	string
rangeup <i>optional</i>	Example : "string"	string
siecode <i>optional</i>	Example : "string"	string
title <i>optional</i>	Example : "string"	string

3.47. SensorTrainLine

Name	Description	Schema
alarmTimeMapperList <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array
estimatedCurve <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
highresidual <i>optional</i>	Example : 0.0	number (double)
lowresidual <i>optional</i>	Example : 0.0	number (double)
physicssensorid <i>optional</i>	Example : "string"	string
realValueCurve <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
residualCurve <i>optional</i>	Example : ["XYPoint"]	< XYPoint > array
sensorid <i>optional</i>	Example : "string"	string
sensorname <i>optional</i>	Example : "string"	string
unit <i>optional</i>	Example : "string"	string

Name	Description	Schema
validTimeMap <i>optional</i>	Example : ["TimeMapper"]	< TimeMapper > array

3.48. SensorValue

Name	Description	Schema
estimatedValue <i>optional</i>	Example : 0.0	number (double)
realValue <i>optional</i>	Example : 0.0	number (double)
residual <i>optional</i>	Example : 0.0	number (double)
time <i>optional</i>	Example : 0	integer (int64)

3.49. SieDatatableResponse

Name	Description	Schema
data <i>optional</i>	Example : ["object"]	< object > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.50. SieDatatableResponse«ScreenAuthority»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenAuthority"]	< ScreenAuthority > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.51. SimplePoint

Name	Description	Schema
pointid <i>optional</i>	Example : 0	integer (int32)
pointname <i>optional</i>	Example : "string"	string

3.52. SimplePowerPlantAlarm

Name	Description	Schema
alarmNum <i>optional</i>	Example : 0	integer (int32)
time <i>optional</i>	Example : 0	integer (int64)

3.53. SlickResponse«ScreenSensorSimple»

Name	Description	Schema
data <i>optional</i>	Example : ["ScreenSensorSimple"]	< ScreenSensorSimple > array
error <i>optional</i>	Example : "string"	string
recordsFiltered <i>optional</i>	Example : 0	integer (int32)
recordsTotal <i>optional</i>	Example : 0	integer (int32)

3.54. Speciality

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int32)
name <i>optional</i>	Example : "string"	string

3.55. SysOrganization

Name	Description	Schema
sensorList <i>optional</i>	Example : ["Sensor"]	< Sensor > array

Name	Description	Schema
siecode <i>optional</i>	Example : "string"	string
title <i>optional</i>	Example : "string"	string

3.56. ThreeDEquipmentPosition

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
threeDPositionInfoList <i>optional</i>	Example : ["ThreeDPositionInfo"]	< ThreeDPositionInfo > array

3.57. ThreeDPositionInfo

Name	Description	Schema
cameraPosition <i>optional</i>	Example : [0.0]	< number (double) > array
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
position <i>optional</i>	Example : [0.0]	< number (double) > array
scene <i>optional</i>	Example : "string"	string
size <i>optional</i>	Example : [0.0]	< number (double) > array
type <i>optional</i>	Example : "string"	string

3.58. ThreeDSingleAlarm

Name	Description	Schema
alarmLevel <i>optional</i>	Example : 0	integer (int32)

Name	Description	Schema
cameraPosition <i>optional</i>	Example : [0.0]	< number (double) > array
fence <i>optional</i>	Example : [0.0]	< number (double) > array
id <i>optional</i>	Example : 0	integer (int32)
modelname <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
scene <i>optional</i>	Example : "string"	string
sensorid <i>optional</i>	Example : "string"	string
transform <i>optional</i>	Example : [0.0]	< number (double) > array
unit <i>optional</i>	Example : "string"	string
value <i>optional</i>	Example : 0.0	number (double)

3.59. TimeMapper

Name	Description	Schema
bgTime <i>optional</i>	Example : 0	integer (int64)
endTime <i>optional</i>	Example : 0	integer (int64)

3.60. TrendwarningAlgorithm

Name	Description	Schema
code <i>optional</i>	Example : 0	integer (int32)
description <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
name <i>optional</i>	Example : "string"	string

Name	Description	Schema
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string

3.61. TrendwarningMeasuringpoint

Name	Description	Schema
alarmlevel <i>optional</i>	Example : 0	integer (int32)
continuetime_threshold <i>optional</i>	Example : 0	integer (int32)
highresidual <i>optional</i>	Example : 0.0	number
id <i>optional</i>	Example : 0	integer (int32)
iscalculatepoint <i>optional</i>	Example : 0	integer (int32)
lowresidual <i>optional</i>	Example : 0.0	number
maxReal <i>optional</i>	Example : 0.0	number
maxResidual <i>optional</i>	Example : 0.0	number
minReal <i>optional</i>	Example : 0.0	number
minResidual <i>optional</i>	Example : 0.0	number
modelid <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
sensorid <i>optional</i>	Example : "string"	string

Name	Description	Schema
specialty <i>optional</i>	Example : 0	integer (int32)
timescale_threshold <i>optional</i>	Example : 0.0	number
training <i>optional</i>	Example : 0	integer (int32)

3.62. TrendwarningMode

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
modelid <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
priority <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
rgbcolor <i>optional</i>	Example : "string"	string
rules <i>optional</i>	Example : "string"	string
state <i>optional</i>	Example : 0	integer (int32)

3.63. TrendwarningModelparamsVO

Name	Description	Schema
alarminterval <i>optional</i>	Example : 0	integer (int32)
algorithm <i>optional</i>	Example : 0	integer (int32)
bgttime <i>optional</i>	Example : "string"	string (date-time)

Name	Description	Schema
endtime <i>optional</i>	Example : "string"	string (date-time)
highflex <i>optional</i>	Example : 0	integer (int32)
id <i>optional</i>	Example : 0	integer (int32)
lowflex <i>optional</i>	Example : 0	integer (int32)
modelid <i>optional</i>	Example : "string"	string
noiselevel <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
samplinginterval <i>optional</i>	Example : 0	integer (int32)
selfadaptive <i>optional</i>	Example : 0	integer (int32)

3.64. TrendwarningProject

Name	Description	Schema
creater <i>optional</i>	Example : "string"	string
createtime <i>optional</i>	Example : "string"	string (date-time)
description <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
modifier <i>optional</i>	Example : "string"	string
modifietime <i>optional</i>	Example : "string"	string (date-time)
name <i>optional</i>	Example : "string"	string

Name	Description	Schema
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
systemid <i>optional</i>	Example : "string"	string

3.65. TrendwarningSampletime

Name	Description	Schema
bgtmie <i>optional</i>	Example : "string"	string (date-time)
duration <i>optional</i>	Example : 0	integer (int32)
endtime <i>optional</i>	Example : "string"	string (date-time)
id <i>optional</i>	Example : 0	integer (int32)
modeid <i>optional</i>	Example : "string"	string
modelid <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
samplenumber <i>optional</i>	Example : 0	integer (int32)

3.66. TrendwarningSemimode

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
modelid <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string

Name	Description	Schema
priority <i>optional</i>	Example : 0	integer (int32)
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
rgbcolor <i>optional</i>	Example : "string"	string
searchlo <i>optional</i>	Example : 0	integer (int32)
searchup <i>optional</i>	Example : 0	integer (int32)
semialgo <i>optional</i>	Example : 0	integer (int32)
state <i>optional</i>	Example : 0	integer (int32)

3.67. TrendwarningSystem

Name	Description	Schema
crewid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string

3.68. TwCrew

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
levelList <i>optional</i>	Example : ["AlarmLevel"]	< AlarmLevel > array

Name	Description	Schema
name <i>optional</i>	Example : "string"	string
powerplantid <i>optional</i>	Example : "string"	string
specialityList <i>optional</i>	Example : ["Speciality"]	< Speciality > array
statusList <i>optional</i>	Example : ["AlarmStatus"]	< AlarmStatus > array
twProjects <i>optional</i>	Example : ["TwProject"]	< TwProject > array
twSystems <i>optional</i>	Example : ["TwSystem"]	< TwSystem > array

3.69. TwModel

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string

3.70. TwPowerPlant

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
levelList <i>optional</i>	Example : ["AlarmLevel"]	< AlarmLevel > array
name <i>optional</i>	Example : "string"	string
specialityList <i>optional</i>	Example : ["Speciality"]	< Speciality > array
statusList <i>optional</i>	Example : ["AlarmStatus"]	< AlarmStatus > array
twCrews <i>optional</i>	Example : ["TwCrew"]	< TwCrew > array

3.71. TwProject

Name	Description	Schema
description <i>optional</i>	Example : "string"	string

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
levelList <i>optional</i>	Example : ["AlarmLevel"]	< AlarmLevel > array
name <i>optional</i>	Example : "string"	string
specialityList <i>optional</i>	Example : ["Speciality"]	< Speciality > array
statusList <i>optional</i>	Example : ["AlarmStatus"]	< AlarmStatus > array
systemid <i>optional</i>	Example : "string"	string
twModels <i>optional</i>	Example : ["TwModel"]	< TwModel > array

3.72. TwRegulations

Name	Description	Schema
alarm <i>optional</i>	Example : true	boolean
alarmnum <i>optional</i>	Example : 0	integer (int32)
alarmpoints <i>optional</i>	Example : ["SimplePoint"]	< SimplePoint > array
time <i>optional</i>	Example : 0	integer (int64)

3.73. TwSystem

Name	Description	Schema
crewid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
twProjectList <i>optional</i>	Example : ["TwProject"]	< TwProject > array

Name	Description	Schema
twProjects <i>optional</i>	Example : ["TrendwarningProject"]	< TrendwarningProject > array

3.74. Users

Name	Description	Schema
department <i>optional</i>	Example : "string"	string
email <i>optional</i>	Example : "string"	string
employeeenum <i>optional</i>	Example : "string"	string
groupid <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : 0	integer (int32)
isdistributed <i>optional</i>	Example : 0	integer (int32)
lv <i>optional</i>	Example : "string"	string
parentid <i>optional</i>	Example : 0	integer (int32)
passwd <i>optional</i>	Example : "string"	string
phone <i>optional</i>	Example : "string"	string
post <i>optional</i>	Example : "string"	string
reserve01 <i>optional</i>	Example : "string"	string
reserve02 <i>optional</i>	Example : "string"	string
reserve03 <i>optional</i>	Example : "string"	string
sex <i>optional</i>	Example : 0	integer (int32)
ssoid <i>optional</i>	Example : 0	integer (int32)
truename <i>optional</i>	Example : "string"	string

Name	Description	Schema
userlevelid <i>optional</i>	Example : 0	integer (int32)
username <i>optional</i>	Example : "string"	string

3.75. VsRuleVO

Name	Description	Schema
id <i>optional</i>	Example : "string"	string
name <i>optional</i>	Example : "string"	string

3.76. WebAsyncTask«ModelMap»

Name	Description	Schema
callable <i>optional</i>	Example : "Callable<object>"	Callable<object>
executor <i>optional</i>	Example : "AsyncTaskExecutor"	AsyncTaskExecutor
timeout <i>optional</i>	Example : 0	integer (int64)

3.77. XYPoint

Name	Description	Schema
quality <i>optional</i>	Example : 0	integer (int32)
time <i>optional</i>	Example : 0	integer (int64)
value <i>optional</i>	Example : "string"	string

3.78. XYPointAlarm

Name	Description	Schema
alarm <i>optional</i>	Example : 0	integer (int32)
time <i>optional</i>	Example : 0	integer (int64)