# API Documentation

## แจ้งเหตุ

## Generate ID

\*\*Endpoint\*\*: {{url}}/v1/incident/generate-id?branch\_id=10

\*\*Method\*\*: GET

### Headers

## List ข้อมูลแจ้งเหตุ

\*\*Endpoint\*\*: {{url}}/v1/incident?page=1&limit=10&from=1716829200&until=1716915599&treatment\_type=4&operation\_unit\_id=10-1-DEP-171&hosp\_code=1224&vehicle\_type=1,2&vehicle\_level=1,4&payment\_status=1,2&er\_triage=1,2&confirm\_status=1,2&branch\_id=44&keyword=2409-72-0001&portal\_status=1,2

\*\*Method\*\*: GET

### Headers

Request Body is not a valid JSON.

### Request Body

## ข้อมูลแจ้งเหตุ By ID

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id

\*\*Method\*\*: GET

### Headers

Request Body is not a valid JSON.

### Request Body

## ประวัติแจ้งเหตุ

\*\*Endpoint\*\*: {{url}}/v1/incident/history?caller\_name=นายสมชาย สายชม&caller\_number=088-888-8888

\*\*Method\*\*: GET

### Headers

## บันทึกข้อมูลแจ้งเหตุ

\*\*Endpoint\*\*: {{url}}/v1/incident

\*\*Method\*\*: POST

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| branch\_id | Description of branch\_id | String |
| ae\_at | Description of ae\_at | String |
| channel\_code | Description of channel\_code | Integer |
| caller\_name | Description of caller\_name | String |
| caller\_number | Description of caller\_number | String |
| province\_code | Description of province\_code | String |
| district\_code | Description of district\_code | String |
| sub\_district\_code | Description of sub\_district\_code | String |
| latitude | Description of latitude | Float |
| longitude | Description of longitude | Float |
| ae\_location | Description of ae\_location | String |
| cbd\_code | Description of cbd\_code | Integer |
| idc\_code | Description of idc\_code | Integer |
| ae\_type | Description of ae\_type | Integer |
| ae\_detail | Description of ae\_detail | String |
| callback\_number | Description of callback\_number | String |
| ref\_cis\_id | Description of ref\_cis\_id | String |
| ref\_cis\_location | Description of ref\_cis\_location | String |
| ref\_cis\_video | Description of ref\_cis\_video | String |

### Request Body

{  
 "branch\_id" : "10",  
 "ae\_at": "2018-09-09 00:01:01",  
 "channel\_code": 1,  
 "caller\_name": "นายสมชาย สายชม",  
 "caller\_number": "088-888-8888",  
 "province\_code": "10",  
 "district\_code": "1029",  
 "sub\_district\_code": "102901",  
 "latitude": 13.8234866,  
 "longitude": 100.5081204,  
 "ae\_location": "หน้าปากซอยหมู่บ้านสายลม",  
 "cbd\_code": 25,   
 "idc\_code": 500,  
 "ae\_type" : 13,  
 "ae\_detail": "อุบัติเหตุ mc+mc",  
 "callback\_number": "099-999-9999",  
 "ref\_cis\_id": "IPPBX.15601130.163465",  
 "ref\_cis\_location": "link location",  
 "ref\_cis\_video": "link video"  
}

## แก้ไขข้อมูลแจ้งเหตุ

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| ae\_at | Description of ae\_at | String |
| channel\_code | Description of channel\_code | Integer |
| caller\_name | Description of caller\_name | String |
| caller\_number | Description of caller\_number | String |
| province\_code | Description of province\_code | String |
| district\_code | Description of district\_code | String |
| sub\_district\_code | Description of sub\_district\_code | String |
| latitude | Description of latitude | Float |
| longitude | Description of longitude | Float |
| ae\_location | Description of ae\_location | String |
| cbd\_code | Description of cbd\_code | Integer |
| idc\_code | Description of idc\_code | Integer |
| ae\_type | Description of ae\_type | Integer |
| ae\_detail | Description of ae\_detail | String |
| callback\_number | Description of callback\_number | String |
| ref\_cis\_id | Description of ref\_cis\_id | String |
| ref\_cis\_location | Description of ref\_cis\_location | String |
| ref\_cis\_video | Description of ref\_cis\_video | String |

### Request Body

{  
 "ae\_at": "2018-09-09 0:01:01",  
 "channel\_code": 1,  
 "caller\_name": "นายสมชาย สายชม",  
 "caller\_number": "088-888-8888",  
 "province\_code": "10",  
 "district\_code": "1029",  
 "sub\_district\_code": "102901",  
 "latitude": 13.8234866,  
 "longitude": 100.5081204,  
 "ae\_location": "หน้าปากซอยหมู่บ้านสายลม",  
 "cbd\_code": 25,   
 "idc\_code": 500,   
 "ae\_type": 13,   
 "ae\_detail": "อุบัติเหตุ mc+mc",  
 "callback\_number": "099-999-9999",  
 "ref\_cis\_id": "IPPBX.15601130.163465",  
 "ref\_cis\_location": "link location",  
 "ref\_cis\_video": "link video"  
}

## อัปเดตสถานะ (ทั้งหมด)

\*\*Endpoint\*\*: {{url}}/v1/incident/status

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| portal\_status | Description of portal\_status | Integer |
| portal\_reason | Description of portal\_reason | String |

### Request Body

{  
 "portal\_status" : 2,  
 "portal\_reason" : "กรอกข้อมูลไม่ครบถ้วน"  
}

## ผู้ป่วย

## Generate ID

\*\*Endpoint\*\*: {{url}}/v1/incident/patient/generate-id?branch\_id=10

\*\*Method\*\*: GET

### Headers

## List รายชื่อผู้ป่วย By incident

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/patient

\*\*Method\*\*: GET

### Headers

## ดึงข้อมูลผู้ป่วย By ID

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/patient/:patient\_id

\*\*Method\*\*: GET

### Headers

## บันทึกข้อมูลผู้ป่วย (auto เพิ่มใบตามรถ)

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/patient

\*\*Method\*\*: POST

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| branch\_id | Description of branch\_id | String |
| patient | Description of patient | Object |
| operation\_ids | Description of operation\_ids | Array |

### Request Body

{  
 "branch\_id" : "10",  
 "patient": {  
 "patient\_id": "",   
 "cn": "",   
 "cid": "2127647264385",  
 "hn": "HN123456785",  
 "prefix\_id": 1,  
 "name": "สมชาย",  
 "lname": "ใจดี",  
 "gender": "M",  
 "age\_year": 19,  
 "age\_month": 9,  
 "telephone": "08121345678",  
 "type": 1,   
 "country": "THA",  
 "passport": "",  
 "ins\_type": 1,   
 "hosp\_province\_code": "10",  
 "hosp\_code": "1224",  
 "hosp\_type": 1,   
 "er\_triage": 1,  
 "ins\_other" : 1,  
 "ins\_country" : "THA",  
 "ins\_vehicle\_type" : 1,  
 "ins\_registration\_category" : "5ขพ",  
 "ins\_registration\_number" : "1234",  
 "ins\_province\_code" : "10"  
 },  
 "operation\_ids": ["O2405-10-0001","O2405-10-0002"]  
}

## แก้ไขข้อมูลผู้ป่วย

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/patient/:patient\_id

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| patient | Description of patient | Object |
| operation\_ids | Description of operation\_ids | Array |

### Request Body

{  
 "patient": {  
 "cn": "2127647264385",   
 "cid": "2127647264385",  
 "hn": "HN123456785",  
 "prefix\_id": 1,  
 "name": "สมชาย",  
 "lname": "ใจดี",  
 "gender": "M",  
 "age\_year": 19,  
 "age\_month": 9,  
 "telephone": "08121345678",  
 "type": 1,   
 "country": "THA",  
 "passport": "",  
 "ins\_type": 1,   
 "hosp\_province\_code": "10",  
 "hosp\_code": "1224",  
 "hosp\_type": 1,   
 "er\_triage": 2,  
 "ins\_other" : 1,  
 "ins\_country" : "THA",  
 "ins\_vehicle\_type" : 1,  
 "ins\_registration\_category" : "5ขพ",  
 "ins\_registration\_number" : "1234",  
 "ins\_province\_code" : "10"  
 },  
 "operation\_ids": ["O2405-10-0001","O2405-10-0002"]  
}

## ปฎิบัติการ (ใบเหลือง)

## Generate ID

\*\*Endpoint\*\*: {{url}}/v1/incident/operation/generate-id?branch\_id=10

\*\*Method\*\*: GET

### Headers

## List ปฎิบัติการ (ใบเหลือง) By incident

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation

\*\*Method\*\*: GET

### Headers

## ข้อมูลปฎิบัติการ (ใบเหลือง) By ID

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation/:operation\_id

\*\*Method\*\*: GET

### Headers

## เพิ่มข้อมูลปฎิบัติการ (ใบเหลือง)

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation

\*\*Method\*\*: POST

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| operation\_id | Description of operation\_id | String |
| operation\_unit\_id | Description of operation\_unit\_id | String |
| operation\_unit\_name | Description of operation\_unit\_name | String |
| vehicle\_type | Description of vehicle\_type | Integer |
| vehicle\_level | Description of vehicle\_level | Integer |
| vehicle\_id | Description of vehicle\_id | String |
| vehicle\_name | Description of vehicle\_name | String |
| vehicle\_registration | Description of vehicle\_registration | String |
| vehicle\_member | Description of vehicle\_member | Array |

### Request Body

{  
 "operation\_id": "O2404-10-0001",  
 "operation\_unit\_id": "10-1-DEP-171",  
 "operation\_unit\_name": "โรงพยาบาลวิภาวดี",  
 "vehicle\_type": 1,   
 "vehicle\_level": 1,   
 "vehicle\_id": "10-1-VEH-10010200034",  
 "vehicle\_name": "โรงพยาบาลวิภาวดี 3กษ 8019",  
 "vehicle\_registration" : "งข7292ชม",  
 "vehicle\_member": [  
 {  
 "operator\_id": "1000010000001",  
 "operator\_name": "สมศักดิ์ รักดี",   
 "position": "แพทย์",  
 "type": 1   
 },  
 {  
 "operator\_id": "1000010000002",  
 "operator\_name": "สมศรี รักษา",  
 "position": "อาสาสมัครฉุกเฉินการแพทย์ (อฉพ EMR)",  
 "type": 2   
 },  
 {  
 "operator\_id": "1000010000003",   
 "operator\_name": "สมบูรณ์ รักษา",   
 "position": "อาสาสมัครฉุกเฉินการแพทย์ (อฉพ EMR)",  
 "type": 3   
 }  
 ]  
}

## แก้ไขข้อมูลปฎิบัติการ (ใบเหลือง)

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation/:operation\_id

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| incident | Description of incident | Object |
| patient\_ids | Description of patient\_ids | Array |
| transfers | Description of transfers | Object |
| operation | Description of operation | Object |

### Request Body

{  
 "incident": {  
 "ae\_at": "2018-09-09 00:01:01",  
 "channel\_code": 1,  
 "caller\_name": "นายสมชาย สายชม",  
 "caller\_number": "088-888-8888",  
 "ae\_location": "หน้าปากซอยหมู่บ้านสายลม",  
 "cbd\_code": 25,  
 "idc\_code": 500,   
 "ae\_type": 13,  
 "ae\_detail": "อุบัติเหตุ mc+mc"  
 },  
 "patient\_ids": ["P2405-10-0001", "P2405-10-0002", "P2405-10-0003"],  
 "transfers": {  
 "transfer\_type": [1,2],  
 "hosp\_contact\_type": 1   
 },  
 "operation": {  
 "operation\_at": "2018-09-09 00:01:01",  
 "vehicle\_type": 1,   
 "vehicle\_level": 1,   
 "vehicle\_id": "10-1-VEH-10010200034",  
 "vehicle\_name": "โรงพยาบาลวิภาวดี 3กษ 8019",  
 "operation\_unit\_id": "10-1-DEP-171",  
 "operation\_unit\_name": "โรงพยาบาลวิภาวดี",  
 "leave\_base\_at": "2018-09-09 0:03:03",  
 "leave\_base\_latitude": 13.8514307,  
 "leave\_base\_longitude": 100.5300607,  
 "leave\_base\_km": 100,  
 "arrival\_point\_at": "2018-09-09 00:14:04",  
 "arrival\_point\_latitude": 13.8514307,  
 "arrival\_point\_longitude": 100.5300607,  
 "leave\_point\_at": "2018-09-09 00:25:05",  
 "leave\_point\_latitude": 13.8514307,  
 "leave\_point\_longitude": 100.5300607,  
 "point\_km": 120,  
 "arrival\_hospital\_at": "2018-09-09 00:36:06",  
 "arrival\_hospital\_latitude": 13.8514307,  
 "arrival\_hospital\_longitude": 100.5300607,  
 "arrival\_hospital\_km": 5503,  
 "arrival\_base\_at": "2018-09-09 00:47:07",  
 "arrival\_base\_latitude": 13.8514307,  
 "arrival\_base\_longitude": 100.5300607,  
 "arrival\_base\_km": 140,  
 "vehicle\_member": [  
 {  
 "id": "1000010000001",  
 "name": "สมศักดิ์ รักดี",  
 "position": "แพทย์",  
 "type": 1   
 },  
 {  
 "id": "1000010000002",  
 "name": "สมศรี รักษา",  
 "position": "อาสาสมัครฉุกเฉินการแพทย์ (อฉพ EMR)",  
 "type": 2   
 },  
 {  
 "id": "1000010000003",  
 "name": "สมบูรณ์ รักษา",  
 "position": "อาสาสมัครฉุกเฉินการแพทย์ (อฉพ EMR)",  
 "type": 3   
 }  
 ],  
 "rc\_cbd\_code": 25,  
 "rc\_idc\_code": 500,  
 "treatment\_status" : 1,  
 "treatment\_type" : 5,  
 "accident\_vehicle\_categories": "กข",  
 "accident\_vehicle\_number": "1212",  
 "accident\_vehicle\_province\_code": "10",  
 "accident\_vehicle\_owner": 1,   
 "recorder": "recorder01",  
 "certifier": "certifier01",  
 "confirm\_status" : 2  
 }  
}

## ใบตามรถ

## Get ข้อมูลใบตามรถ By patient,operation

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation/:operation\_id/patient/:patient\_id/evaluation

\*\*Method\*\*: GET

### Headers

## แก้ไขข้อมูลใบตามรถ

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation/:operation\_id/patient/:patient\_id/evaluation

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| incident | Description of incident | Object |
| operation | Description of operation | Object |
| patient | Description of patient | Object |
| taunma | Description of taunma | Object |
| non\_taunma | Description of non\_taunma | Object |
| treatments | Description of treatments | Object |
| transfers | Description of transfers | Object |
| evaluation | Description of evaluation | Object |
| hosp\_treatment\_result | Description of hosp\_treatment\_result | Object |
| signs | Description of signs | Array |
| confirm\_status | Description of confirm\_status | Integer |

### Request Body

{  
 "incident": {  
 "ae\_at": "2024-08-30 13:26:47",  
 "channel\_code": 1,  
 "caller\_name": "bestbest",  
 "caller\_number": "0841197777",  
 "ae\_location": "นนทบุรี เมืองนนทบุรี สวนใหญ่ 11000",  
 "cbd\_code": 3,  
 "idc\_code": 63,  
 "ae\_type": 0,  
 "ae\_detail": ""  
 },  
 "operation": {  
 "operation\_at": "2024-09-02 13:44:28",  
 "vehicle\_type": 1,  
 "vehicle\_level": 4,  
 "vehicle\_id": "12-01-I-VEH-00010",  
 "vehicle\_name": "โรงพยาบาลนนทเวช-604600311",  
 "operation\_unit\_id": "12-01-I-DEP-00001",  
 "operation\_unit\_name": "โรงพยาบาลนนทเวช",  
 "leave\_base\_at": "0000-00-00 00:00:00",  
 "leave\_base\_km": 0,  
 "arrival\_point\_at": "0000-00-00 00:00:00",  
 "leave\_point\_at": "0000-00-00 00:00:00",  
 "point\_km": 0,  
 "arrival\_hospital\_at": "0000-00-00 00:00:00",  
 "arrival\_hospital\_km": 0,  
 "arrival\_base\_at": "0000-00-00 00:00:00",  
 "arrival\_base\_km": 0,  
 "vehicle\_member": [  
 {  
 "type": 1,  
 "id": "12-01-I-PER-00003",  
 "name": "นายพชร วรารักษ์",  
 "position": "หัวหน้าชุดปฏิบัติการ,ผู้ช่วยหัวหน้าชุดปฏิบัติการ"  
 },  
 {  
 "type": 2,  
 "id": "12-01-I-PER-00002",  
 "name": "นางรุจิรา ธนรักษ์",  
 "position": "ผู้ช่วยหัวหน้าชุดปฏิบัติการ"  
 },  
 {  
 "type": 3,  
 "id": "12-01-I-PER-00001",  
 "name": "นางสาวเกศกนก จิรกิตติกูล",  
 "position": "ผู้ช่วยหัวหน้าชุดปฏิบัติการ"  
 },  
 {  
 "type": 3,  
 "id": "12-01-I-PER-00004",  
 "name": "นายรณภัทร สิริกุล",  
 "position": "พนักงานขับรถบริการการแพทย์ฉุกเฉิน"  
 },  
 {  
 "type": 3,  
 "id": "12-01-I-PER-00004",  
 "name": "นายรณภัทร สิริกุล",  
 "position": "พนักงานขับรถบริการการแพทย์ฉุกเฉิน"  
 }  
 ],  
 "rc\_cbd\_code": 16,  
 "rc\_idc\_code": 0,  
 "treatment\_status": 0,  
 "treatment\_type": 0,  
 "performance\_type": 0  
 },  
 "patient": {  
 "hn": "",  
 "ins\_other": 0,  
 "ins\_country": "",  
 "ins\_vehicle\_type": 0,  
 "ins\_registration\_category": "",  
 "ins\_registration\_number": "",  
 "ins\_province\_code": ""  
 },  
 "taunma": {  
 "wound\_type": 10,  
 "bone\_deformity\_type": 4,  
 "injured\_organ": 8,  
 "blood\_loss": 2  
 },  
 "non\_taunma": {  
 "geriatric\_age": 2,  
 "geriatric\_age\_detail": "",  
 "obgyn": 1,  
 "obgyn\_detail": "",  
 "pediatric": 1,  
 "surgery": 1,  
 "surgery\_detail": "",  
 "other\_non\_trauma": 2  
 },  
 "treatments": {  
 "airway\_treatment\_type": 6,  
 "dressing\_treatment\_type": 5,  
 "splint\_treatment\_type": 3,  
 "is\_cardiopulmonary\_resuscitation": 0,  
 "treatment\_result\_type": 1,  
 "fluid\_treatment": 2,  
 "fluid\_treatment\_detail": ""  
 },  
 "transfers": {  
 "hosp\_code": "",  
 "transfer\_type": [],  
 "transfer\_at": "0000-00-00 00:00:00",  
 "transfer\_summary\_by": "",  
 "transfer\_summary\_id": ""  
 },  
 "evaluation": {  
 "diagnosis\_detail": "ปลอดภัย",  
 "er\_triage": 0,  
 "breathing\_diagnosis\_type": 0,  
 "breathing\_diagnosis\_detail": "",  
 "dressing\_diagnosis\_type": 0,  
 "dressing\_diagnosis\_detail": "",  
 "splint\_diagnosis\_type": 0,  
 "splint\_diagnosis\_detail": "",  
 "diagnosis\_by": "",  
 "diagnosis\_position\_type": 0,  
 "diagnosis\_position\_detail": ""  
 },  
 "hosp\_treatment\_result": {  
 "is\_admitted": 2,  
 "hosp\_treatment\_result\_type": 1  
 },  
 "signs": [  
 {  
 "display\_day": "",  
 "display\_time": "",  
 "time": "",  
 "vital\_signs": {  
 "t": 0,  
 "bp": 0,  
 "pr": 0,  
 "rr": 0  
 },  
 "neuro\_signs": {  
 "e": 0,  
 "v": 0,  
 "m": 0  
 },  
 "pupils": {  
 "rt": 0,  
 "r\_rtl": 0,  
 "lt": 0,  
 "l\_rtl": 0  
 },  
 "o2\_sat": 0,  
 "dtx": 0  
 }  
 ],  
 "confirm\_status": 1  
}

## อัปเดตสถานะ (เบิกจ่าย)

\*\*Endpoint\*\*: {{url}}/v1/incident/:incident\_id/operation/:operation\_id/patient/:patient\_id/status

\*\*Method\*\*: PUT

### Headers

### Request Body Schema

|  |  |  |
| --- | --- | --- |
| Name | Description | Datatype |
| portal\_status | Description of portal\_status | Integer |
| portal\_reason | Description of portal\_reason | String |

### Request Body

{  
 "portal\_status" : 2,  
 "portal\_reason" : "กรอกข้อมูลไม่ครบถ้วน"  
}