

**Smilegate**

**전자결재 연동 I/F 정의서**

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| **작성자** | **조영훈** |
| **법인** |  |
| **부서** |  |
| **작성일** | **2020.04.27** |

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**변경이력**

|  |  |  |
| --- | --- | --- |
| 일자 | 수정내역 | 작성자 |
| 2020-04-27 | 법인카드 데이터 연계 API 작성 | 조영훈 |
| 2020-05-11 | 전자결재 상태값 update API에서 docNo 필수 제외 및 API가이드 반영. | 조영훈 |
| 2020-05-20 | Result fail 메시지 변경, Header 파라미터 X-Requested-With 삭제. | 조영훈 |
| 2020-06-12 | 전자결재 승인을 위한 연동 페이지 가이드 작성 | 이우형 |
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# **전자결재 팝업 연동**

* 1. - 법인카드 결재 상신 데이터 전송.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** | 재무고도화 2차프로젝트 | | | | **Version** | v1.0 | | | |
| **Packet Description** | 법인카드 결재 상신 데이터 전달. | | | | **Authority** |  | **Date** | | 2020-04-27 |
| **Packet URL** | <http://sfim.smilegate.net/api/fimApproval/v1.0/doSendFimDocument> | | | | **Method** | POST | **protocol** | | http |
|  | | | | | | | | | |
| **Header Name** | **Required** | **Default** | | **Description** | | | | | |
| Accept | O |  | | application/json | | | | | |
|  |  |  | |  | | | | | |
| **Parameter Name** | **Required** | **Default** | | **Description** | | | | | |
| reqJob | O |  | | 법인카드, 지출결의서 업무구분  ***1:법인카드.***  2:지출결의서. | | | | | |
| reqSeq | O |  | | 마스터 키값 | | | | | |
| callBack |  |  | | Jsonp의 콜백명.  값이 없을경우 일반적인 json포맷으로 return.  값이 있을경우 해당 명칭으로 감싸서 return. | | | | | |
| **[Sample]**  http://sfim.smilegate.net/api/fimApproval/v1.0/doSendFimDocument?reqJob=1&reqSeq=126&callback=webCallBack | | | | | | | | | |
|  | | | | | | | | | |
| **Result Name(성공)** | **Success** | | | | **fail** | | | | |
| **Object Type** | | **Description** | | **Object Type** | | | **Description** | |
| status | String | | 200 OK | | String | | | HTTP Status Code | |
| completed | boolean | | true | | boolean | | | false | |
| msg | String | |  | | String | | | 사용자용 에러 메시지. | |
| errorMsg | String | |  | | String | | | 개발자용 에러 메시지 | |
| result | Object | | Data | | Object | | | null | |
|  | | | | | | | | | |
| **Result : success** | | | | | | | | | |
| webcallback({      "status": "200 OK",      "completed": true,      "msg": "정상처리 되었습니다.",      "errorMsg": null,      "result": {          "result": 0,          "reqJob": 1,          "data": {              "cardMaster": {                  "cardUseSeq": 124,                  "docNo": "문001001000",                  "grStatus": "2",                  "pid": 11111,                  "comCd": "H0000000",                  "cardCd": "4207070000105441",                  "cardSeq": 460,                  "cardDiv": 1007985004,                  "calcDate": "202004",                  "companySeq": 2,                  "title": "아아아아",                  "empSeq": 140,                  "userId": "140335",                  "userNm": "김재원",                  "deptSeq": 219,                  "empNo": "H20099",                  "deptCd": "H0000208",                  "deptNm": "SGH재무담당",                  "regUserId": "140335",                  "regDateTime": "2020-04-22 18:49:12.37",  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                        "empNo": "H20099",                          "empSeq": "140",                          "smKindNm": "도서,소모품",                          "smKindSeq": 4503007,                          "costSeq": 19,                          "costNm": "도서구매",                          "costItemCd": "CP000000189",                          "costItemNm": "임원비용",                          "activityCd": "CP000000190",                          "activityNm": "임원\_업무추진비",                          "custName": "",                          "custSeq": null,                          "userName": "",                          "purpose": "",                          "busiTripCode": "",                          "busiTripType": "",                          "startArea": "",                          "destArea": "",                          "workStart": "",                          "workEnd": "",                          "distance": 0,                          "personCnt": 0,                          "transAmt": 0.0,                          "personName": "",                          "supplyAmt": 30000.0,                          "apprTax": 0.0,                          "tipAmt": 0.0,                          "apprAmt": 30000.0,                          "currCd": "KRW ",                          "curAmt": 30000.0,                          "chainType": "1 ",                          "closeYn": "  ",                          "chainAddr": "경기 성남시 분당구 판교역로230, SD-3 B동 B109호 (삼평동,판교테크노밸리)",                          "mccName": "일반한식",                          "chainMaster": "김영섭",                          "lastDateTime": "2020-04-23 17:17:55.81",                          "lastUserId": "140335",                          "logTag": null,                          "regUserId": "140335",                          "logUserId": null,                          "logDateTime": null,                          "costInfoVO": null,                          "regNo": null,                          "pid": null,                          "grStatus": null,                          "grEndStatus": null,                          "inputKind": null,                          "remark": null,                          "modDate": null,                          "isSumVat": "1",                          "deptList": null                      }                  ],                  "fileList": [                      {                          "cardUseSeq": 124,                          "fileSerl": 1,                          "lastDateTime": "2020-04-23 17:17:55.843",                          "lastUserId": "140335",                          "isDelete": "N",                          "fileSize": 15214,                          "filePath": "D://tmp/",                          "logTag": null,                          "logUserId": null,                          "logDateTime": null,                          "ofileName": "20190628 지출결의서 (1).pdf",                          "mfileName": "6z81DbWqudO7soLHxFoXNBPYnSpYq08e.pdf"                      },                      {                          "cardUseSeq": 124,                          "fileSerl": 2,                          "lastDateTime": "2020-04-23 17:17:55.873",                          "lastUserId": "140335",                          "isDelete": "N",                          "fileSize": 15214,                          "filePath": "D://tmp/",                          "logTag": null,                          "logUserId": null,                          "logDateTime": null,                          "ofileName": "20190628 지출결의서.pdf",                          "mfileName": "C11kSpbKszih5WgOKa8pbVaZ93ZZ5QjJ.pdf"                      }                  ],                  "cardInfo": {                      "id": null,                      "companySeq": 2,                      "empSeq": 140,                      "cardSeq": 460,                      "text": null,                      "cardNo": "4207-0700-0010-5441",                      "cardName": "[임원] 하나카드5441 (김재원)",                      "cardDiv": null,                      "cardDivName": "공용법인카드(임원)",                      "limitDiv": null,                      "limitDivName": null,                      "distribDate": null,                      "returnDate": null,                      "cardStatus": null,                      "cardStatusNm": null                  },                  "limitInfo": {                      "cardCd": 0,                      "cardUserName": null,                      "budgetLimitAmt": 0.0,                      "exceptLimitAmt": 0.0,                      "includeLimitAmt": 0.0,                      "bizUseAmt": 0.0,                      "tripUseAmt": 0.0,                      "commUseAmt": 0.0,                      "entUseAmt": 0.0,                      "progressExceptAmt": 0.0,                      "progressIncludeAmt": 0.0,                      "reqExceptAmt": 0.0,                      "reqIncludeAmt": 0.0,                      "avaibleAmt": 0.0,                      "slipMstId": null                  }              }          },          "reqSeq": 124      }  }) | | | | | | | | | |
| **Result : fail(Exception)** | | | | | | | | | |
| webcallback({      "status": "404 NOT\_FOUND",      "completed": false,      "msg": "처리중 에러가 발생했습니다.",      "errorMsg": "java.lang.Exception",      "result": null  }) | | | | | | | | | |
| **Result : fail(필수값 누락)** | | | | | | | | | |
| webcallback({      "status": "422 UNPROCESSABLE\_ENTITY",      "completed": false,      "msg": "필수 파라미터 누락",      "errorMsg": "필수 파라미터 누락",      "result": null  }) | | | | | | | | | |

* 1. - 전자결재 상태 Update

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** | 재무고도화 2차프로젝트 | | | | **Version** | v1.0 | | | |
| **Packet Description** | 전재결재 결재 상태 변경에 따른 상태 Update | | | | **Authority** |  | **Date** | | 2020-04-27 |
| **Packet URL** | http://sfim.smilegate.net/api/fimApproval/v1.0/doUpdateStatus | | | | **Method** | POST | **protocol** | | http |
|  | | | | | | | | | |
| **Header Name** | **Required** | **Default** | | **Description** | | | | | |
| Accept | O |  | | application/json | | | | | |
|  |  |  | |  | | | | | |
| **Parameter Name** | **Required** | **Default** | | **Description** | | | | | |
| reqJob | O |  | | 법인카드, 지출결의서 업무구분  ***1:법인카드.***  2:지출결의서. | | | | | |
| reqSeq | O |  | | 마스터키 | | | | | |
| pid | O |  | | 전자결재 PID | | | | | |
| docNo |  |  | | 전자결재 문서번호 | | | | | |
| grStatus | O |  | | 전자결재 결재상태 | | | | | |
| callBack |  |  | | Jsonp의 콜백명.  값이 없을경우 일반적인 json포맷으로 return.  값이 있을경우 해당 명칭으로 감싸서 return. | | | | | |
| **[Sample]**  http://sfim.smilegate.net/api/fimApproval/v1.0/doUpdateStatus?reqJob=1&reqSeq=126&pid=456&docNo=문서01&grStatus=2 | | | | | | | | | |
|  | | | | | | | | | |
| **Result Name(성공)** | **Success** | | | | **fail** | | | | |
| **Object Type** | | **Description** | | **Object Type** | | | **Description** | |
| status | String | | 200 OK | | String | | | HTTP Status Code | |
| completed | boolean | | true | | boolean | | | false | |
| msg | String | |  | | String | | | 사용자용 에러 메시지. | |
| errorMsg | String | |  | | String | | | 개발자용 에러 메시지 | |
| result | Object | | null | | Object | | | null | |
|  | | | | | | | | | |
| **Result : success** | | | | | | | | | |
| webcallback({      "status": "200 OK",      "completed": true,      "msg": null,      "errorMsg": null,      "result": null  }) | | | | | | | | | |
| **Result : fail(Exception)** | | | | | | | | | |
| webcallback({      "status": "404 NOT\_FOUND",      "completed": false,      "msg": "처리중 에러가 발생했습니다.",      "errorMsg": "java.lang.Exception",      "result": null  }) | | | | | | | | | |
| **Result : fail(필수값 누락)** | | | | | | | | | |
| webcallback({      "status": "422 UNPROCESSABLE\_ENTITY",      "completed": false,      "msg": "필수 파라미터 누락",      "errorMsg": "필수 파라미터 누락",      "result": null  }) | | | | | | | | | |

# **전자결재 연동**

- 전자결재 팝업

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** | 전자결재 팝업 연동 | | | | **Version** | v1.0 | | | |
| **Packet Description** | 결재 승인을 받기 위한 결재팝업 연동 | | | | **Authority** | 이우형 | **Date** | | 2020-06-12 |
| **Packet URL** | http://ekp.smiledev.net/eNovator/GSWF/WebPage/ApprovalForms/ApprovalFormCtrl.aspx | | | | **Method** | GET | **protocol** | | http |
|  | | | | | | | | | |
| **Header Name** | **Required** | **Default** | | **Description** | | | | | |
|  |  |  | |  | | | | | |
| **Parameter Name** | **Required** | **Default** | | **Description** | | | | | |
| formLang | O |  | | 양식 언어버전 (보통 null 로 전달) | | | | | |
| rqPage | O |  | | 전자결재 페이지 정보 (보통 null 로 전달) | | | | | |
| formID | O |  | | 전자결재 기안폼 ID | | | | | |
| FormFileName | O |  | | /Storage/GSWF/eNovForms/ko/CorpCardExpense\_001.htm | | | | | |
| originpid |  |  | | 전자결재 내 이전 ID (보통 null 로 전달) | | | | | |
| adjunctDeptCd |  |  | | 겸직부서코드 (보통 null 로 전달) | | | | | |
| reqSeq |  |  | | Legacy 시스템 ID | | | | | |
| reqOption |  |  | | Legacy Option : 필요 시 옵션을 작성  (신규 : R, 연장 : E 등) | | | | | |
| **[Sample]**  http://ekp.smiledev.net/eNovator/GSWF/WebPage/ApprovalForms/ApprovalFormCtrl.aspx?formLang=&rqPage=&formID=369&FormFileName=/Storage/GSWF/eNovForms/ko/CorpCardExpense\_001.htm&originpid=&adjunctDeptCd=&reqSeq=203 | | | | | | | | | |
|  | | | | | | | | | |
| **Result Name(성공)** | **Success** | | | | **fail** | | | | |
| **Object Type** | | **Description** | | **Object Type** | | | **Description** | |
| result | String | | true : 성공 | | String | | | false : 실패 | |
|  | | | | | | | | | |
| **Result : success** | | | | | | | | | |
| {  팝업 호출  }} | | | | | | | | | |
| **Result : fail** | | | | | | | | | |
| {  "result" : false  } | | | | | | | | | |