



# Digisign API EXT-AT Document

SNI Projects version 3.0.0

Development

Date : June 8, 2020

**PT Solusi Net Internusa**

## Table of contents

Table of contents .....	i
Header .....	3
Register .....	4
API Activation.....	8
Send Document .....	10
API Download file .....	15
API Download File Base64.....	16
API Sign Document .....	18
Response Code .....	21
HTML Response Code (for Webview) .....	21

Date	Description	Author
20 March 2018	Manufacture API	Fiki
07 Septembers 2018	SignWebView API and change from DW01.html to DWMITRA.html	Ibnu
04 October 2018	Detail field message	Ibnu
09 October 2018	Upload document	Ibnu
20 October 2018	Changes to upload documents, payment fields, signed users and initial users	Ibnu
17 December 2018	Error code	Ibnu
07 January 2019	Callback webview	Ibnu
08 Feb 2019	Field reg_number optional	Ibnu
22 Feb 2019	Edit notif EKTP data is valid	Ibnu
06 Maret 2019	Field kuser if aksi_ttd = at and update URL send document	Ibnu
06 Maret 2019	Document Error Code	Fiki
20 Mei 2019	Face to face registration API Verifier registration API Update redirect	Fiki
11 July 2019	Example message Versi 3.0.0	Ibnu
06 September 2019	Tambah field redirect di fungsi registrasi dan take out redirect pada fungsi redirect aktivasi Versi 3.0.0 rev 1	Dita

## Header

Header for request

Key	Value
Content-Type	multipart/form-data
Authorization	Bearer <token>

Example :

Authorization ● Headers (2) Body ● Pre-request Script Tests	
KEY	VALUE
Authorization	Bearer 1ecbe0a70545432baf7133a89ab4c026
<input checked="" type="checkbox"/> Content-Type	multipart/form-data

## Register

Function	This API used to register users who will use the digital signature to DigiSign
Link	<a href="https://api.tandatanganku.com/REG-MITRA.html">https://api.tandatanganku.com/REG-MITRA.html</a>

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below
fotoktp*	File	Max 4MB	(id card photo)
fotodiri*	File	Max 4MB	(selfie photo)
ttd	File	Max 4MB	Format png, white/transparent background
fotonpwp	File	Max 4MB	(npwp photo)

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner
alamat*	String	50	Street name, House Number, Rt / Rw
jenis_kelamin*	String	10	You must input : <b>Laki-laki</b> for male <b>Perempuan</b> for female
kecamatan*	String		(sub-district)
kelurahan*	String		(kelurahan)
kode-pos*	String	10	(postal code)
kota*	String		(city)
nama*	String	80	(name)
tlp*	String	15	Mobile number. Example : 0812..., +62812..., 62812..
tgl_lahir*	String	10	dd-MM-yyyy (date of birth) Example: 27-09-1989
provinsi*	String		(province)

idktp*	String	20	NIK KTP (id card)
tmp_lahir*	String	30	(place of birth)
email*	String	80	(e-mail)
npwp	String	20	No npwp (npwp number)
redirect	Boolean		default : <i>false</i>  <i>true</i> : After Activation Process, it will redirect into your link  <i>false</i> : Only Succeed notification after Activation Process was done

### Respon (json string)

Field	Type data	Length	Information
JSONFile*	Json string		
result*	String	2	Response code
notif*	String		Response code information
refTrx*	String		Reference ID

### Example message:

Key	Value
jsonfield	{           "JSONFile": {             "userid": "admin@ptmitra.com",             "alamat": "jl sudirman RT 002/005",             "jenis_kelamin": "laki-laki",             "kecamatan": "kajen",             "kelurahan": "kajen",             "kode-pos": "51182",             "kota": "pekalongan",             "nama": "test registrasi",             "tlp": "6281290700111",             "tgl_lahir": "10-03-1978",             "provinsi": "jawa tengah",             "idktp": "3199091003880012",             "tmp_lahir": "pekalongan",

	"email": "test@hotmail.com", "npwp": "75.444.097.9-445.000", "redirect": true } }
fotoktp	Ktp.jpg
fotodiri	Foto.jpg
ttd	Ttd.png
fotonpwp	Npwp.jpg

<SEND> [jsonfield] :{"JSONFile": {

"userid": "admin@gmail.com",

"alamat": "jl sudirman RT 002/005",

"jenis\_kelamin": "laki-laki",

"kecamatan": "kajen",

"kelurahan": "kajen",

"kode-pos": "51182",

"kota": "pekalongan",

"nama": "test registrasi",

"tlp": "6281290700111",

"tgl\_lahir": "10-03-1978",

"provinsi": "jawa tengah",

"idktp": "3199091003880012",

"tmp\_lahir": "pekalongan",

"email": "test@hotmail.com",

"npwp": "75.444.097.9-445.000",

"redirect": true

}

};[fotoktp] : {ktp.JPG,28114};[fotodiri] : {foto.JPG,28114};[ttd] : {ttd.PNG,28114};[fotonpwp] : {npwp.JPG,28114};

<RECEIVE> {"JSONFile": {"kode\_user": "2201827371239123", "expired\_aktifasi": "11-03-2019 10:22:01

WIB", "result": "00", "notif": "Berhasil, silahkan check email untuk aktivasi akun

anda.", "info": "https://app.tandatanganku.com/vpreregistration.html?preregister=das!t%2BvpnasdkasAd9beI%2BgA%3D%3D"}}

## Verification Response

No	Reason	Message
1	Face not detected on selfie photo	{"JSONFile":{"result":"12","notif":"verifikasi user gagal.","data":{},"info":"No face found on selfie photo"}}
2	Selfie face not match	{"JSONFile":{"result":"12","notif":"verifikasi user gagal.","data":{"nik":true,"name":true,"birthdate":true},"info":"Verifikasi wajah gagal"}}
3	EKTP data does not match	{"JSONFile":{"result":"12","notif":"verifikasi user gagal. NIK>Nama/tanggal lahir tidak sesuai"}}
4	Connection timeout	{"JSONFile":{"result":"91","information":"masalah koneksi, mohon ulangi kembali"}}
5	EKTP data is valid (Success Message)	{"JSONFile":{"kode_user":"200200000000441","expired_aktifasi":"18-03-2020 13:18:57 WIB","result":"00","notif":"Berhasil, silahkan check email untuk aktivasi akun anda.","info":"https://app.tandatanganku.com/preregistration.html?preregister=VUfE3WHQ6ROa7tiSJVLqg%3D%3D"}}



## API Activation

Function	This API used to generate link activation users to DigiSign
Link	<a href="https://api.tandatanganku.com/gen/genACTPage.html">https://api.tandatanganku.com/gen/genACTPage.html</a>
Redirect	You must provide link redirect and we will redirect to this link when the user have activated their account digisign.

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner (registered on digisign)
email_user*	String	80	User Email will activation

Example message:

<SEND> [jsonfield] : {"JSONFile": {"userid": "admin@gmail.com", "email\_user": "test@hotmail.com"}};

<RECEIVE> { "JSONFile" : { "result": "00",  
"link": "https://vv.tandatanganku.com/viewpage.html?view=aO7%2B4ui1zFz%2BsbMl4nb%2BLPAC17uvhMHP  
Z%2FexPaVRXas8ZAbL%2FEIzcV9JxIH5YI%2FuMHtrI3qre6N4AVnkDbQiL%2BTNp3sPsr76xPASq3cFgbvIH  
6xcgxJVruMaykkMMqC4bC3WMj%2FiAIM80B4yuuw6KQ%3D%3D" } } }

### Response (json string) :

Field	Type Data	Length	Information
JSONFile*	Json string		
result*	String	2	Response code
link*	String		Html link for signing process webview

### Redirect:

We will redirect to [https://{your\\_html\\_link}?msg={response}](https://{your_html_link}?msg={response})

the response will be encrypted by AES.

Response:

Field	Type Data	Length	Information
JSONFile	Json string		
email	String	80	User email that has just completed activation process
result	String		Response code
notif	String		Information response code

Example Response :

<https://app.tandatanganku.com/resultact.html?msg=Cij6Jz9ui76E5Ky%2FqJRqt%2BrE1qNWJ8ypf1AKshYCG5PwlHRNd9xAecqp1yTI4YRFQ2Z4olrSX3p5%0AvipTnjGrxX3b%2Br7DaRPdRCSACWp5Q5MNYAwwuhLG4W72SFS7S2gnHs8AzZgMLH4%2FVzx0Tcg7O6bg%0ATdOFesys4GaP6QXApa25PCGDTUKGKiI4ARHvN76R>

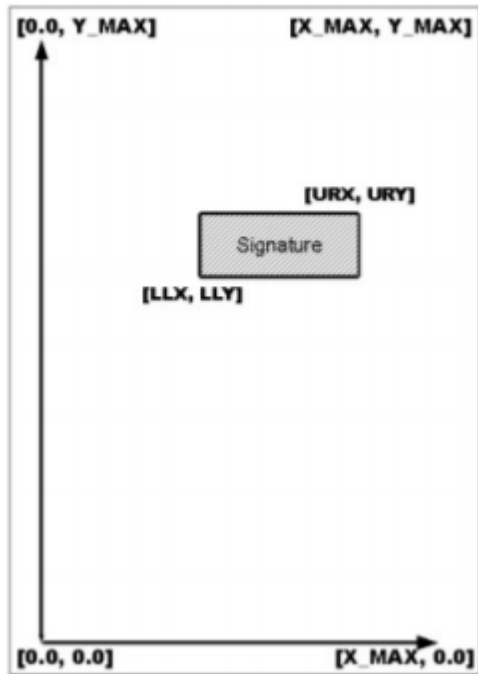
Response After decrypt :

<RECEIVED>

```
{"result": "00", "email": "test@hotmail.com", "notif": "Proses aktivasi berhasil"}
```

## Send Document

Function	This API used to send documents that will be signed by the user
Link	<a href="https://api.tandatanganku.com/SendDocMitraAT.html">https://api.tandatanganku.com/SendDocMitraAT.html</a>



Lower left (X, Y) and Upper right (X, Y) are the coordinates of the signature. The type is float. The signature position is limited by the lower left (X, Y) and Upper right (X, Y) coordinates, coordinate position (0,0) is in the lower left corner.

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below
file*	File		Format pdf

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner (registered on digisign)
document_id*	String	20	Partner document id (unique)

redirect*	boolean		Must be set <i>true</i> when complete, the page will redirect to your page
branch (optional)	String		Branch name
sequence_option*	boolean		Default false <i>true</i> : signing process will be carried out sequentially <i>false</i> : signing process will be carried out in no order
send-to	Array[json string]		List of users view document.
req-sign*	Array[json string]		List of users sign document and view document
name*	String	80	
email*	String	80	
aksi_ttd	String	2	at = otomatis tandatangan (automatic signature)  mt = manual tandatangan (manual signature)
kuser (conditional)	String	16	Generate from digisign.  If aksi_ttd “at”, you must send this field
user*	String	30	Signature type, ttd1, ttd2, .. Prf1, prf2, ..  ttd = tanda tangan (signature) prf = paraf (initials) Default “ttd”
llx	String	30	
lly	String	30	
urx	String	30	
ury	String	30	
page	String	3	Halaman ttd (page of signature)
payment	String	1	Digital signature payment type

			<p>2 = Pay each time you sign (pay per sign)</p> <p>3 = Paid document owner (pay per document)</p> <p>Default 3.</p> <p>Example = "payment": "3"</p>
visible	String	1	<p>Used to indicate that the location of the location is visible or hidden.</p> <p>Default visible=true</p> <p>0=false (hidden)</p> <p>1=true (visible)</p>
signing_seq (conditional)	int		<p>Default 0</p> <p>Sequence of signing process</p>

### Response (json string)

Field	Type data	Length	Information
JSONFile*	Json string		
result*	String	2	Response code
notif*	String		Response code information
refTrx*	String		Reference ID

### Example message:

Key	Value
jsonfield	<pre>{ "JSONFile": { "userid": "admin@gmail.com", "document_id" : "20180920_AB", "payment" : "3", "redirect" : true, "send-to" : [ {"name": "eka", "email": "eka@hotmail.com"}, {"name": "eko", "email": "eko@hotmail.com"} ], "req-sign" : [</pre>

	<pre> {   "name" : "test1",   "email": "test@hotmail.com",   "aksi_ttd": "at",   "kuser": "1234567890123456",   "user": "ttd1",   "page": "3",   "llx": "12",   "lly": "15",   "urx": "12",   "ury": "15",   "visible": "1" }, {   "name" : "test2",   "email": "test2@hotmail.com",   "aksi_ttd": "mt",   "user": "ttd2",   "page": "4",   "llx": "12",   "lly": "15",   "urx": "12",   "ury": "15",   "visible": "1" }, {   "name" : "test2",   "email": "test2@hotmail.com",   "aksi_ttd": "at",   "kuser": "1234567890098765",   "user": "prf1",   "page": "3",   "llx": "3",   "lly": "2",   "urx": "2", </pre>
--	--

	<pre> "ury": "3", "visible": "1" }  ]  }  } </pre>
File	perjanjian.pdf

<SEND> [jsonfield] : "{ \"JSONFile\": \"userid\": \"admin@gmail.com\",  
 \"document\_id\" : \"20180920\_AB\", \"payment\" : \"3\", \"redirect\" : true,  
 \"send-to\" : [{ \"name\": \"eka\", \"email\": \"eka@hotmail.com\" }, { \"name\": \"eko\", \"email\":  
 \"eko@hotmail.com\" } ], \"req-sign\" : [{ \"name\" : \"test1\", \"email\": \"test@hotmail.com\", \"aksi\_ttd\": \"at\",  
 \"kuser\": \"1234567890123456\", \"user\": \"ttd1\", \"page\": \"3\",  
 \"llx\": \"12\", \"lly\": \"15\", \"urx\": \"12\", \"ury\": \"15\", \"visible\": \"1\" }, { \"name\" : \"test2\", \"email\": \"test2@hotmail.com\",  
 \"aksi\_ttd\": \"mt\", \"user\": \"ttd2\", \"page\": \"4\",  
 \"llx\": \"12\", \"lly\": \"15\", \"urx\": \"12\", \"ury\": \"15\", \"visible\": \"1\" }, { \"name\" : \"test2\", \"email\": \"test2@hotmail.com\",  
 \"aksi\_ttd\": \"at\", \"kuser\": \"1234567890098765\", \"user\": \"prfl\", \"page\": \"3\",  
 \"llx\": \"3\", \"lly\": \"2\", \"urx\": \"2\", \"ury\": \"3\", \"visible\": \"1\" } ] }\"; [file] : {perjanjian.pdf, 305603};

<RECEIVE> { \"JSONFile\" : { \"result\": \"00\", \"notif\": \"Kirim dokumen berhasil.\" } }

## API Download file

Function	This API used to download document by document id
Link	<a href="https://api.tandatanganku.com/DWMITRA.html">https://api.tandatanganku.com/DWMITRA.html</a>

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner (registered on digisign)
document_id*	String	20	Partner document id (unique)

### Response :

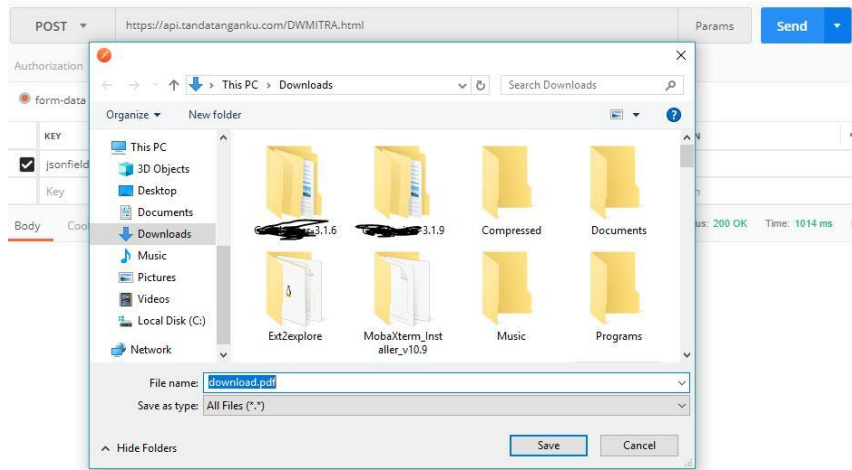
PDF document

Example message:

Key	Value
jsonfield	<pre>{"JSONFile": {   "userid": "admin@gmail.com",   "document_id": "20180920_AB" } }</pre>

<SEND> [jsonfield] :"{ \"JSONFile\": { \"userid\": \"admin@gmail.com\",  
\"document\_id\": \"20180920\_AB\" } }\";





## API Download File Base64

Function	This API used to download document by document id
Link	<a href="https://api.tandatanganku.com/DWMITRA64.html">https://api.tandatanganku.com/DWMITRA64.html</a>

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner (registered on digisign)
document_id*	String	20	Partner document id (unique)

### Response (json string) :

Field	Type Data	Length	Information
JSONFile*	Json string		
result*	String	2	Response code
notif	String		Error code information
file	base64		Document file (if result: 00)

Example message:

Key	Value
jsonfield	<pre>{"JSONFile": {   "userid": "admin@gmail.com",   "document_id": "20180920_AB" } }</pre>

<SEND> [jsonfield] :"{ \"JSONFile\": { \"userid\": \"admin@gmail.com\",  
 \"document\_id\": \"20180920\_AB\" } }\";

<RECEIVE> { \"JSONFile\" : { \"result\":\"00\", \"file\":\"base64\" } }

## API Sign Document

Function	This API used to get link Sign Page
Link	<a href="https://api.tandatanganku.com/gen/genSignPage.html">https://api.tandatanganku.com/gen/genSignPage.html</a>
Redirect	You must provide link redirect and we will redirect to this link when the user have signed document.  *Redirect option in the API send document.

### Multipart Field :

Field	Type Data	Length	Information
jsonfield*	Json string		Check the jsonfield section below

### Json Field :

Field	Type Data	Length	Information
JSONFile*	Json string		
userid*	String	80	Email admin partner
document_id*	String	20	Partner document id (unique)
email_user*	String	80	User Email will sign
view_only (optional)	boolean		If true then the user only can view the document  if false or this field not exist then the user can view and sign the document

### Response (json string) :

Field	Type Data	Length	Information
JSONFile*	Json string		
result*	String	2	Response code
link*	String		Html link for signing process webview

Example message:

```
<SEND> [jsonfield] : "{ \"JSONFile\": { \"userid\": \"admin@gmail.com\", \"email_user\": \" test@hotmail.com \",  
\"document_id\": \"testdoc123\", \"view_only\": false } }\";
```

```
<RECEIVE> { "JSONFile" : { "result": "00",
"link": "https://vv.tandatanguku.com/viewpage.html?view=aO7%2B4ui1zFz%2BsbMl4nb%2BLPAC17uvhMHP
Z%2FexPaVRXas8ZAbL%2FEIzcV9JxIH5YI%2FuMHtrI3qre6N4AVnkDbQiL%2BTNp3sPsr76xPAsq3cFgbvIH
6xcgxJVruMaykkMMqC4bC3WMj%2FiAIM80B4yuuw6KQ%3D%3D" } } }
```

perjanjian-2.pdf

Cancel Proses

PIHAK PERTAMA

Sign here

PIHAK KEDUA

Page 4 of 4

### Redirect:

We will redirect to `https://{your_html_link}?msg={response}`

the response will be encrypted by AES.

Response:

Field	Type Data	Length	Information
JSONFile	Json string		
document_id	String	20	The document that has just been signed
email	String	80	Signer email that has just signed the document
status_document	String		Document status  <b>completed:</b> all of users have signed the document  <b>waiting:</b> there is a user who has not signed the document
result	String	2	<b>Response code</b>

Example Response redirect:

`https://app.mitra.com/resultsign.html?msg=Cij6Jz9ui76E5Ky%2FqJRqt%2BrE1qNWJ8ypf1AKshYCG5Pwl`

HRNd9xAecqp1yTI4YRFQ2Z4olrSX3p5%0AvipTnjGrxX3b%2Br7DaRPdRCSACWp5Q5MNyAwwuhLG  
4W72SFS7S2gnHs8AzZgMLH4%2FVzx0Tcg7O6bg%0ATdOFEsys4GaP6QXApa25PCGDTUKGKi4AR  
HvN76R

Response After decrypt :

<RECEIVED>

```
{"result": "00", "email": "test@hotmail.com", "document_id": "testdoc123", "status_document": "waiting"}
```

DUMP WEB

## Response Code

Code	Information
00	Success
05	Data not found
07	Customer not allowed for automatic signing
08	Redirect page not found
12	Authentication not valid
14	Email/NIK have registered
28	Data request incomplete
30	Format request is wrong
55	Token not valid
61	Insufficient balance
06	General error
01	Back / cancel
A1	Verfier id not found

## HTML Response Code (for Webview)

Code	Keterangan
200	Sukses
403	Token/User admin tidak valid
401	User tidak ditemukan
404	Dokumen tidak ditemukan