

# 3DSV2 - Direct Interface - SDK Mobile partner

? Pièce jointe inconnue

## Conteny

[Presentation](#)  
[How to integrate your SDK](#)  
[Example](#)  
[Pages linked](#)

- [3DSV2 - Direct Interface - JSON container format](#)
- [3DSV2 - Direct Interface - SDK Mobile partner](#)
- [3DSV2 - Interface Directe - Ajout Modification de données carte \(card on file\)](#)
- [3DSV2 - Interface Directe - Commande avec expédition pendant la garantie de l'autorisation](#)
- [3DSV2 - Interface Directe - Paiements pour la Location de Biens et Services](#)
- [3DSV2 - Interface Directe - Paiements récurrents](#)
- [3DSV2 - Interface Directe - Pré-commande ou expédition tardive](#)
- [3DSV2 - Interface Directe - SDK Mobile](#)
- [Mode Intégré - Direct](#)

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## Presentation

Monext Online retrieves your 3DS SDK information to take into account your mobile SDK when processing 3D Secure authentication. In direct mode, you will be able to improve your payment experience by calling directly the payment web services to perform the authentication in your mobile application instead of a webview.

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## How to integrate your SDK

You need to make an authentication request and retrieve the 3DS SDK data to pass it on in the authorisation request.

### Challenge

Processing steps:

1. You can perform an authentication request [verifyEnrollmentRequest](#) with a Challenge.
2. You must fill in the information in the [threeDSInfo.sdk](#) object.
3. The response to the Challenge request will be confirmed by the ACCEPTED state and a return code 03104.
4. You must retrieve the information from the [sdkchallenge](#) object.
5. Your mobile sdk performs the authentication and authorization request with the 3DS information with the sdk informations.

### Frictionless

In this case, it is not necessary to use the SDKChallenge object, because there is no authentication.

- You can perform an authentication request [verifyEnrollmentRequest](#) with a Challenge.
- You must fill in the information in the [threeDSInfo.sdk](#) object.
- The response to the Challenge request will be confirmed by the ACCEPTED state.
- Your mobile sdk performs the authorization request with the 3DS information with the sdk info.

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## Example

Response ACCEPT to the challenge request with the sdkChallenge information

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <impl:verifyEnrollmentResponse xmlns:impl="http://impl.ws.payline.experian.com" xmlns:obj="http://obj.ws.payline.experian.com">
      <impl:transient>X9X9X9X9X9X9X9X9X8X9X9X9X9X9==</impl:transient>
      <impl:result>
        <obj:code>03104</obj:code>
        <obj:shortMessage>ACCEPTED</obj:shortMessage>
        <obj:longMessage>Transaction accepted - SDK Challenge requested</obj:longMessage>
      </impl:result>
      <impl:sdkChallenge> <!-- balise existante dans l'appel request - >
        <obj:cardType>VISA</obj:cardType>
        <obj:threeDSSTransID>99999999-9999-9999-999-999999999999</obj:threeDSSTransID>
        <obj:acsTransID>99999999-9999-9999-9999-999999999999</obj:acsTransID>
        <obj:acsReferenceNumber>3DS_LOA_ACS_XXX_999999_999999</obj:acsReferenceNumber>
        <obj:acsSignedContent>9999999999..9999..9999_999999</obj:acsSignedContent>
        <obj:threeDSVersion>2.2.0</obj:threeDSVersion>
        <obj:authenticationType>01</obj:authenticationType>
        <obj:sdTransID>99999999-9999-9999-999999999999</obj:sdTransID>
        <obj:dsTransID>99999999-9999-9999-9999-999999999999</obj:dsTransID>
        <obj:dsOperatorID>99999999-9999-9999-9999-999999999999</obj:dsOperatorID>
        <obj:transStatus>C</obj:transStatus>
        <obj:acsRenderingType>{ "acsInterface" : "01", "acsUiTemplate" : "01" }</obj:
acsRenderingType>
        <obj:acsChallengeMandated>N</obj:acsChallengeMandated>
      </impl:sdkChallenge>
      <impl:mdFieldName>MD</impl:mdFieldName>
      <impl:mdFieldValue>99999999-9999-9999-9999-999999999999</impl:mdFieldValue>
      <impl:mpiResult>C</impl:mpiResult>
      <impl:token/>
    </impl:verifyEnrollmentResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## Pages linked

- [Intégration 3D Secure 2 en mode API WebPayment](#)
- [Intégration API WebPayment](#)
- [PW - Intégration Widget](#)
- [PW - L'API JavaScript](#)
- [PW - Personnalisation du widget : Balises CSS](#)
- [PW - Personnalisation du widget : Feuille de style](#)
- [PW - Personnalisation du widget : Fonction CallBack](#)

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