

TriDES2 3DS Server by Asseco

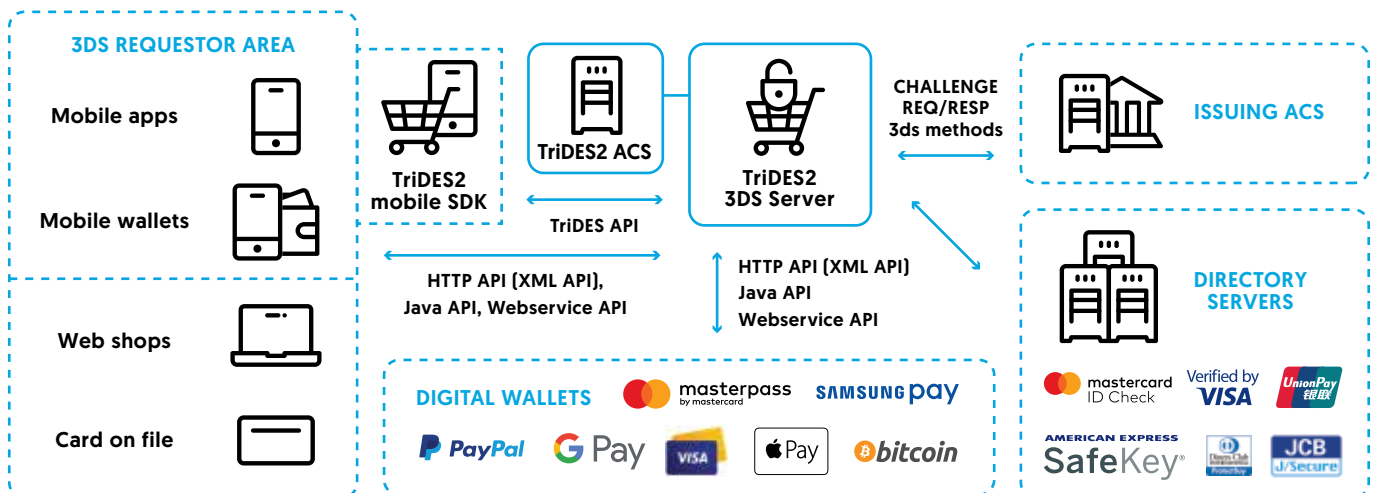
Help your merchant become a synonym for security and trustiness



TriDES2 3DS Server enables instant implementation of all 3D Secure programs for acquirers and merchants. Used with a mobile SDK, it ensures simple integration with web-based and mobile application-based purchase channels, digital wallets and other online payment services. By using a certified 3DS Server and a mobile SDK e-commerce and m-commerce service providers can avoid complex 3D Secure development and certification, thus reducing their cost and time to market.

Reduce fraud chargeback expenses

Online fraud is the most common cause for chargebacks in the online payment environment, and it is mostly a burden for the merchant. To the merchants and acquirers that use TriDES2 3DS and participate in 3D Secure programs, card schemes grant a chargeback liability shift, which transfers the chargeback and fraud-related costs to the issuer.



Key Product Features

- Backward compatible to 3D Secure 1.0.2
- Frictionless and challenge transaction flows
- Outspread types of supported transactions, including recurring payment, installments, standing orders, direct debit, e-invoicing etc.
- Integration with web browsing and in-app purchasing applications, with a responsive web interface for browsing on a mobile phone
- Management of multiple acquiring institutions in one 3DS server instance
- Multiple directory servers in one 3DS server instance [Verified by Visa, Mastercard® Identity
- Check™, American Express Safekey®, Diners Club ProtectBuy®, JCB J/Secure™, UnionPay UPOP, NSPK MirAccept]
- Easy integration with payment gateways, merchant applications and non-payment applications using HTTP redirection API, XML API, Java API or Webservice API
- Merchant whitelisting
- Merchant and acquiring risk scoring
- Integration with tokenization services, digital wallets, card on file
- Extensive statistics and reporting

Supported Platforms

[Additional platforms can be supported upon request]

Server Operating Systems

- Red Hat Linux [ver. 6.x, 7.x]
- CentOS [6.x, 7.x]

Java Version

- Java SE SDK 1.8

Database Servers

- Oracle [12c, 18c]
- PostgreSQL [9.6+]

Web Server

- Apache HTTPD [2.2.x, 2.4.x]

Application Servers

- WildFly 11+
- WebSphere Liberty 17+

TriDES2 Mobile SDK

Onboard your mobile applications to 3D Secure programs

TriDES2 Mobile SDK handles the payment initiation process, cryptography and security functions on behalf of the Merchant mobile application. It enables integration either on the purchase or the billing page on a mobile device. Two types of transaction flows are supported: the Frictionless flow and the Challenge flow. In case of the Challenge flow, the mobile SDK handles the Challenge dialogue with the ACS server, using the standard TLS protocol with mutual authentication.



Mobile SDK features

- Android 4.4. and iOS 9.2 and the newest mobile platforms supported
- Integration with the Asseco SEE TriDES2 3DS Server
- Integration with both payment and non-payment mobile apps
- Frictionless and Challenge transaction flows supported
- Incorporated Native and HTML UI customizable elements
- Standard TLS protocol that enables mutual authentication with ACS
- Collecting Device Identification Parameters
- Integration with a Card on File interface or a digital wallet application
- Applied security features:
 - Access control and authentication
 - Data encryption and Integrity checking for sensitive cardholder information
 - Code obfuscation, encryption and integrity checking
 - Initialization, security check for a jailbroken device, SDK tampering, application emulation