

ADSS Client SDK v4.5.5 – Release Notes



This document provides a high-level description of the new features offered in each release of the ADSS Client SDK. Only the main bug fixes in each release are identified.

ADSS Client SDK v4.5.5

April 2012

- ADSS Client SDK now supports the embedding of text and images as watermarks within PDF documents.
- ADSS Go>Sign Applet has been enhanced to simplify integration with web applications and allow settings to be passed via new setter methods as well as the traditional workflow.xml approach.

ADSS Client SDK v4.5.4

March 2012

- ADSS Go>Sign Applet has been enhanced in various areas:
 - (a) Keys and certificates held within MAC OSX Tokend Keychains can be used;
 - (b) ETSI AdES advanced attributes are now supported for locally generated signatures;
 - (c) Key generation and certificate requesting is now supported for MSCAPI keystores;
- ADSS Go>Sign Applet demos have been separated into individual web applications to make it easier for new developers.
- It is now possible to additionally extract the timestamp tokens and notary signatures which can be used in court as forensic evidence.

ADSS Client SDK v4.5.3.3

February 2012

- A conflict between ADSS Client SDK (Java) and Oracle parsers has been resolved.
- An issue related to collision of the certificate aliases has been resolved in Go>Sign Applet when using MSCAPI keystore for signing.

ADSS Client SDK v4.5.3.2

February 2012

- An issue related to XML verification has been resolved.

ADSS Client SDK v4.5.3.1

January 2012

- ADSS Go>Sign Applet performance has been enhanced by optimizing interactions with ADSS Server for revocation and verification checking as well as for signature appearance data.

ADSS Client SDK v4.5.3

January 2012

- ADSS Go>Sign Applet now uses a simplified PKCS#11 interface method and dynamically finds and opens any PKCS#11 slot number that matches the password and uses any signer certificate found within this that matches the filter criteria set.
- ADSS Go>Sign Applet can now produce PDF and PAdES detached signatures by using the adb.pkcs7.detached filter.

ADSS Client SDK v4.5.2

November 2011

- ADSS Go>Sign Applet has three new enhancements: (a) a new option to reset the applet environment, allowing the signing workflow to be changed within the same session, (b) the signing certificate selection functionality now supports filtering by certificate ECU criteria, and (c) the local font can now be set to enable the display of extended language characters.

ADSS Client SDK v4.5.1

October 2011

- Verification Service request messages can now specify the current time (as well as historic time) for checking certificate status.

- New sample programs are provided for: Revoke Certificate, Renew Certificate, Recover Key, Delete Certificate and Change Password.
- New demos for CAdES, XAdES and PAdES have been added to the Go>Sign Demo Application - to show how Go>Sign can now use these signature types.

ADSS Client SDK v4.5

August 2011

- Go>Sign Demo Application in ADSS .Net Client SDK has been enhanced to resolve signature verification issue in e-Tendering demo.

ADSS Client SDK v4.4.4

July 2011

- The sample programs have been enhanced to demonstrate the use of the OASIS DSS interface for signing and verification services.
- ADSS Go>Sign Applet download speed has been enhanced.

ADSS Client SDK v4.4.3

June 2011

- Go>Sign Applet can now filter certificates based on "QC statements" and also allows multiple issuer DNAMES, Policy OIDs and other filter criteria.

ADSS Client SDK v4.4.2

May 2011

- ADSS Go>Sign Applet has been enhanced in these areas:
 - (d) A form-filled PDF document can now be returned to the business application.
 - (e) PDF form fields are now highlighted to identify their location.
 - (f) The ADSS Go>Sign Applet viewer has been enhanced to keep the display focused on the same location in the document immediately after a signature field is drawn.
 - (g) A mouse cursor appearance issue when drawing a signature field has been resolved. As has an issue with the verification of signatures produced with SHA2 algorithms.
 - (h) The use of a One Time Password (OTP) is now supported to confirm a signature request.
- A new sample code demo has been added to the ADSS Client SDK. The new demo shows how users can browse and select local PDF documents.
- ADSS Client SDK is now offered with support for Windows .NET 64 bit architecture.

ADSS Client SDK v4.3.1 (Patch Release)

April 2011

- A conflict between ADSS Client SDK (Java) and Oracle parsers has been resolved.
- Sample code showing how to use DSS-X verification reports within the ADSS Client SDK (Java) has been enhanced.

ADSS Client SDK v4.3

March 2011

- ADSS Go>Sign Applet has been enhanced in these areas:
 - (a) The product name has been changed to Go>Sign Applet from Go>Sign Applet and the layout and integration options for the Go>Sign PDF viewer have been enhanced;
 - (b) PDF form filling is now supported;
 - (c) Certify signing PDF documents is now supported and the toolbar buttons react according to the restrictions / permissions applied;
 - (d) The user can choose to hide the toolbar and thumbnails to see a full screen document view;
 - (e) The Go>Sign Developers guide has been enhanced to provide greater self-help details;
 - (f) All error messages are now multilingual;
- Added support for sending requests to the Verification Gateway service.
- The ADSS Developers Guide has been enhanced to better explain the OASIS DSS protocol and to provide greater self-help details.
- Signed XML response messages from ADSS Server can now be verified.

ADSS Client SDK v4.2.2 (Patch Release)**November 2010**

- ADSS Client SDK has been enhanced to correctly handle all supported and unsupported certificate extensions.
- XAdES/CAAdES plug test enhancements have been integrated.

ADSS Client SDK v4.2.1 (Patch Release)**October 2010**

- ADSS .NET Client SDK has been enhanced: (a) adding a new sample program VerifyPDFReport, (b) fixing a response status issue within the OASIS DSS protocol and (c) fixing an issue within the OASIS DSS verification report.
- Scrolling in the ADSS GoSign Applet PDF viewer is enhanced.

ADSS Client SDK v4.2**August 2010**

- ADSS GoSign Applet has been enhanced in these areas:
 - (a) Performance has been enhanced in certain areas;
 - (b) Automatic retries occur when a configuration file fails to download;
 - (c) A certificate viewer is provided within ADSS GoSign Applet Professional.
- New sample programs for handling XKMS and SCVP requests and responses in both JAVA and .NET versions have been added.
- The documentation has been enhanced to provide even greater self-help details.

ADSS Client SDK v4.1.1 (Patch Release)**May 2010**

- ADSS GoSign Applet has been enhanced in these ways:
 - (a) To be able to use "userprofile" environment variable to define the Windows user profile directory
 - (b) To avoid HTTP/HTTPS mixed content warnings on Internet Explorer 7+
 - (c) To fix a hash computation issue when running over SSL

ADSS Client SDK v4.1**April 2010**

- Added system properties to allow the XML parser and transforms classes to be used from within Oracle, IBM and other Java environments thus overriding the default ADSS Client SDK classes.
- Implemented various performance and feature enhancements for ADSS GoSign Applet.
- Added support for Java 1.5 as well as Java 1.6 to enable ADSS Services for older environments.
- Added support for SCVP (Server based Certificate Validation Protocol).
- Added support for DSS-X verify detailed reporting.

ADSS Client SDK v4.0.1 (Patch Release)**January 2010**

- GoSign Applet has been enhanced to enable OCSP status information to be optionally embedded within long-term signatures.
- The optional sample data that can be used by sample programs has been enhanced.

ADSS Client SDK v4.0**November 2009**

- Added IETF CMC protocol support for certificate generation and revocation requests and also back-end CA communication (integration tested with the AET BlueX RA).
- New GoSign demos are added to the ADSS .NET Client SDK package in order to guide integrators how to use GoSign in different business scenarios.
- Additional error handling and further code documentation is provided within both the JAVA and .Net GoSign demo applications.
- The API documentation is further enhanced for both the JAVA and .NET ADSS Client SDK.

ADSS Client SDK v3.8.2 (Patch Release)**November 2009**

- An issue related to date format in the GoSign license is resolved.

ADSS Client SDK v3.8.1 (Patch Release)**October 2009**

- GoSign applet can now produce invisible signatures on the PDF documents.
- GoSign applet shows a progress bar when communicating with the web application.
- Various issues related to zooming functionality are resolved in GoSign applet.
- An issue is resolved in Client SDK .NET related to generating incorrect certificate subject DN.

ADSS Client SDK v3.8**October 2009**

- A new ADSS Client SDK .NET API is provided that supports the OASIS DSS interface, Local hashing, LTANS, XKMS and Decryption services and is consistent with the Java API. New sample programs for the .NET Client API are also provided for these features.
- The communication protocol between the GoSign Applet and a web application has been enhanced and generalized to support all the new features offered in GoSign Professional. Similarly the ADSS Client SDK now includes GoSign protocol handlers for both Java and .NET so that the integration of GoSign Applet and ADSS Server with web applications is easier.
- GoSign Applet now supports the local hashing of PDF documents, local signing and local assembly. A further licensed option allows a PDF viewer to be used which supports local file handling, empty signature field creation, signing by clicking a blank signature field, signature verification, document printing and zooming capabilities.
- GoSign Applet now has a licensed option to generate and use roamed credentials. These roamed credentials are stored on the ADSS Server and can be passed to the GoSign Applet at the time of signing, thus allowing users to sign with keys that under their sole control from any system they are using.
- A new GoSign Applet demo application is provided that contains six different examples of how GoSign can be integrated in different business scenarios.
- GoSign Applet can now encrypt documents of any format using XML Encryption after signing. This functionality is only available under a special release of the GoSign applet and not provided by default. ADSS Server has a special Decryption Service module that supports the decryption of such objects and new ADSS Client Java API is provided that supports this feature.

ADSS Client SDK v3.7**August 2009**

- New client API and sample programs are provided for ADSS Client SDK to perform local hashing for ADSS Server Signing Service (currently only Java API).
- New client API is provided for ADSS Client SDK to request signing of multiple documents in one signing transaction from ADSS Server Signing Service. This is for Java API only and using the OASIS DSS protocol.
- New client API is added for ADSS Client SDK to provide end-user (signed) authorisation information for server-side signatures as part of an approval process for using high trust keys held in the ADSS Server database or an HSM (currently only Java API).
- New e-Tendering demo web application is added to the Java based ADSS Client SDK to demonstrate the ability to sign and encrypt documents as part of an upload process within an example e-Tendering application.
- .Net based ADSS Client SDK is now delivered as a separate package.
- ADSS Client SDK is recompiled to run with the new release of the ADSS Server v3.7.

ADSS Client SDK v3.6**June 2009**

- New client API and sample programs are added for the ADSS Server LTANS service.
- New client API and sample programs are added for the ADSS Server XKMS service.
- New client API and sample programs are added to support the OASIS DSS protocol for signing and verification of digital documents.
- Class hierarchy in the java based ADSS Client SDK is changed, any existing applications which were using the previous version of the ADSS Client SDK, will need to be recompiled if upgrading to the new ADSS Client SDK.