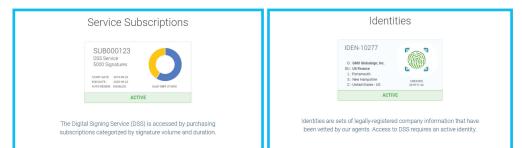# Digital Signing Service

Deploy scalable, cloud-based digital signatures when you need them, thanks to GlobalSign's high-availability, high-throughput certificate engine 'Atlas'

With GlobalSign's innovative Digital Signing Service (DSS), you can deploy digital signatures into any application with one simple REST API integration. This means all supporting cryptographic components, including signing certificates, key management, timestamping server, and OCSP or CRL service, are provided in one API call with minimal development or overhead needed and no on-premise hardware to manage. As a leader in this space, we've designed DSS to reduce the latency and overhead that come with homegrown digital signature solutions and other, more complex integrations.

On the back-end, DSS is powered by GlobalSign's high volume Certificate Authority, Atlas. This connection makes it possible to create, issue, and deploy certificates for digital signatures faster than ever. An intuitive and user-friendly subscription management portal will help administrators place, track, and manage orders.

In the Atlas portal, you can manage your Digital Signing Service subscriptions and register identities to be vetted:

Service Subscriptions

SUB000123
DSS Service
5000 Signatures

START DATE: 2019-06-22
END DATE: 2020-06-22
AUTO-RENEW: ENABLED

Used **1907** of 5000

ACTIVE

The Digital Signing Service (DSS) is accessed by purchasing subscriptions categorized by signature volume and duration.

Identities

IDEN-10277

O : GMO Globalsign, Inc.
OU : US Finance
L : Portsmouth
S : New Hampshire
C : United States - US

CREATED:
2019-11-22

ACTIVE

Identities are sets of legally-registered company information that have been vetted by our agents. Access to DSS requires an active identity.

Self-service generate your credentials in the Atlas Portal to securely access your DSS Account:

API Credentials

'Jeff's Sandbox'

API KEY: e510b2131a12ecd112d
CREATED: 2019-06-11

ACTIVE

API Credentials contain a key and secret required for access. Creating a credential requires an active subscription and identity.

mTLS Certificates

mTLS Certificate

LAST UPDATED: 2019-06-11
SERIAL: 019536c5d8dedd56d1bfbc086532983a

ACTIVE

mTLS certificates are used to securely access to DSS when consuming the service directly via API.

FEATURES

- Build trusted digital signatures into existing document workflow solutions

- Outsource cryptography and PKI to a trusted third party CA

- All crypto components included – signing certificate issuance, timestamping, OCSP or CRL service

- Easy integration via API or SDK and high throughput scale to meet signature demand

- No on-premises hardware to manage

- Sign with individual or department-level identity

- Atlas portal for subscription management makes it easier than ever to extend secure, instantly trusted digital signatures across the enterprise

- GlobalSign is a member of Adobe's Approved Trust List (AATL), so signatures are automatically trusted

- Meet national and industry-specific regulations, including US ESIGN, USE UETA, UN Model Electronic Signature Law, eIDAS (advanced signatures, eSeals, FDA CFR 21 Part 11, EMEA eSignature Capabilities, US State Professional Engineering (PE) Seals, and more

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	Digital Signing Service	Traditional Digital Signature Deployments
Integration with document signing applications	Via simple REST API	Requires internal cryptographic expertise to configure and maintain
Cryptographic signing components (e.g. certificates, OCSP, CRL, timestamping)	Included in one API, no advanced crypto knowledge or development resources needed	Sourced separately, require separate calls from application and internal development resources to configure
Scalability	Highly scalable - no additional configuration or integration needed	May require additional hardware and configuration
High availability and disaster recovery	Delivered via GlobalSign's WebTrust-audited robust infrastructure with global data centers, redundancy, and world-class instrumentation protecting the network	Requires additional on premise hardware investment
Private key management and storage	Handled by REST API - no internal resources or hardware required	Customer responsible for sourcing key management and storage (i.e., via cloud or on-premises HSM)
Signing identities	Individual or department-level identities are supported (e.g., John Smith, Accounting)	Not all deployments support both types of identities
Identities/Services Management	Users are able to order and manage GlobalSign subscriptions directly through the Atlas portal	No immediate certificate management available

Who Needs a Cloud-Based Digital Signing Service?

The demand for trusted and legal digital signatures has never been greater. Fortunately, DSS makes it easy for enterprise administrators and service providers alike to add digital signatures and seals to existing document workflows and applications.

DSS addresses common digital transformation and business challenges including:
- The need for a range of assurance levels from sealing through legally binding agreements
- The need to assure data integrity and protect IP/brand by creating tamper-proof documents
- Compliance with regulatory requirements around eDocument exchange
- The need to securely speed up the pace of business by reducing carbon footprint associated with paper-based transactions including distribution
- The ability to preserve business continuity amongst distributed and remote workforces

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DSS is an ideal digital signature solution for:

Adobe Acrobat Sign enterprise users who want end-to-end digital signing

GlobalSign's Digital Signing Service is already integrated with Adobe Acrobat Sign, making it the easiest way to add legally accepted and publicly trusted digital signatures to Adobe Acrobat Sign workflows. Once an organization's DSS account is set up, employees can request signing certificates and start signing immediately within Adobe Acrobat Sign.

DocuSign users who want to add secure digital signatures to existing workflows

With GlobalSign digital signatures for DocuSign, companies of all sizes can make the switch from slow, paper-ridden, manual agreement processes to a 100% digital solution. Now users can easily apply GlobalSign trusted signatures through DocuSign, the trusted digital document leader and Microsoft's preferred e-signature solution. The seamless, cloud-based service provides a true end-to end signing experience and lowers barriers such as cost, hardware maintenance, and internal expertise.

Organizations and service providers looking to add digital signatures into their own custom document workflows and applications

- Many organizations have created their own electronic document workflows to help transition away from time- and resource-consuming paper processes (e.g., onboarding new clients, exchanging contracts, HR tasks, etc.). With the Digital Signing Service, companies have an easy-to-deploy and cost-effective way to add digital signatures to these processes, providing higher assurance around signer identity, signature authenticity, and content integrity compared to other types of electronic signatures.

- More and more document workflow or management providers are building digital seals into their applications to increase document security and help meet compliance. Digitally sealing creates a timestamped, tamper-evident seal around document contents and adds assurance around who created it and when - all of which play a role in establishing audit trails, various regulatory compliance, and legal tenability. DSS allows you to build digital seals into your platform with one simple REST API integration, making it the clear winner for service providers and Everything-as-a-Service companies looking to bring secure digital signatures to their customers.

About GlobalSign

GlobalSign is the leading provider of trusted identity and security solutions enabling businesses, large enterprises, cloud service providers and IoT innovators around the world to secure online communications, manage millions of verified digital identities and automate authentication and encryption. Its high-scale Public Key Infrastructure (PKI) and identity solutions support the billions of services, devices, people and things comprising the Internet of Everything (IoE).

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