

Khatim Sign Server

High performance document signing server with market-leading performance



- Supports advanced digital signatures (ASic, XML, PDF, PKCS#1)
- Compatible with **ETSI** & **IETF** advanced digital signature standards
- Seamless integration with existing systems & HSMs
- Scalable and flexible document signing server for high volume transactions
- User-friendly dashboards for live reporting, alerting, logging, and insights

Purpose of Signing Server

Securing high valued documents is critical for businesses creating digital signatures for long-term perseverance. Without cryptographic signatures, documents can't be trusted as they cannot be accepted in long term. A signing server / application provides proof of data existence at a particular point in time using cryptographic timestamps.

Khatim's powerful signing solution simplifies implementing the last mile in digitization electronic documents and transactions. Khatim Digital Signing Solution allows businesses to seamlessly integrate with existing corporate enterprise systems to produce robust PKI driven advanced digital signatures.

Enterprises can now achieve true document authenticity, integrity and non-repudiation while allowing them to be archived and verifiable for years in future.

What makes Codegic the best Signing Server vendor?

Built for Enterprises

Khatim Signing server is built from ground up keeping in view enterprise scalability and resiliency expectations. Be it CRMs, ECM or ERPs, Khatim Signing Server provides market leading document signing performance suited for high volume digital signature generation.

Advanced PDF Signer

Khatim signing server allows enterprises to apply their own brand in visible PDF digital signatures. With built in signature appearances templates designer, companies can setup the right visible signature appearance for their to-be-signed PDF documents.

Secured Processing & Auditing

High trust and assurance is important in any business. In Khatim signing server, all functions like key creation, administration & transaction management are accomplished with military grade security.

Key Features

Supported Signature Formats

Creates advanced digital signatures based on IETF and ETSI standards including: ASic, XAdES, CAdES, PAdES, JAdES, PKCS#7, CMS, PKCS#1 (Hash signing) signatures formats.

Cross Platform Deployments

Khatim Sign Server is build from ground up with platform independence hence supports Windows and Linux alike. You can deploy in different environments be it on-premise, private or public cloud, VMs or physical machines.

Serve Multiple Policies

Khatim Sign Server can process multiple request in parallel. Setup multiple policies to cater different configurations like cryptographic algorithms, signature placement coordinates, pages, visible or invisible, certified or approval signature formats.

Cryptographic Agility & PQC

Keeping in view businesses having different cryptographic needs, Khatim signing server supports both RSA, ECDSA, PQC cryptography with SHA-256, 384 and 512 hashing algorithms.

Unlimited Scalability

Khatim Sign server can be installed as a cluster of multiple individual signing servers to reduce latency.

Transaction Logging

Khatim signing server records all incoming transactions & configuration for detailed analysis.

Integrates with any HSMs

Quickly integrates with your existing HSMs over PKCS#11 or Cloud hosted HSM. Likewise you may also plugin Smart Cards containing signing keys to create digital signatures.

Proactive Alerts & Traceability

For traceability, all issues are recorded which can be pushed securely to your central logging systems e.g. Splunk, Grafana, Greylog, LogRhythm etc.

Live Reporting

Khatim Sign Server offers one of its kind, live reporting and historical trend analysis, enabling real-time monitoring & usage insights.

Standard & Compliant

Supports creation of advanced digital signatures based on IETF and ETSI standards signatures formats.

Admin Friendly GUI

Control your signing server administration with GUI based interfaces. From key generation, policy handling to transaction viewing, all can be done from a single pane of glass.

API Integration

Khatim Sign Server provides developer-friendly RESTful APIs for both administrative controls and signing operations, enabling seamless integration & efficient management.

Algorithms / Protocols

- RSA, ECDSA
- PQC (Dilithium)
- PKCS#11
- RFC 5280
- RFC 3161
- ASic, XAdES, CAdES, PAdES, JAdES
- PKCS#7, CMS, PKCS#1

Supported OS / Languages / H/W

- All flavors of Windows Server & Linux (*Centos Stream, Ubuntu, RedHat, Fedora*)
- 50 Languages including English, French, Spanish, Arabic, Chinese, Japanese, Italian, Polish, Swedish, Russian & more.
- 8 GB RAM, 2 vCPU (2.3 GHz), 10 GB Hard disk

Codegic

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Certifications

- ISO 9001:2015
- ISO 14001:2015
- ISO 27001:2022



Codegic is a security provider specializing in innovative PKI and Digital signatures products and services. Codegic delivers easy to use PKI products for areas like PKI, Document Signing, Timestamping, PKI Monitoring, Digital Certificates issuance and more. We utilise all the latest technologies to help companies and enterprises solve complex security issues that always emerge during their digital evolution journey.

Learn more at www.codegic.com