eSignature Application Driving Document Processing Automation

emSigner

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CLOUD SIGNATURE CONSORTIUM

Asia PKI Consortium

Enable secure paperless workflows to change your customer experience while creating a single source of truth for compliance

Convenience, Compliance, and Cost are some of the primary reasons why firms today are striving to take the paperless route. However, to reap in all the rewards of secure paperless transformation, it's imperative that they select a solution that evolves with the industry and the ever-changing business landscape globally. With various regulations around privacy and data protection as well as availability of advanced technologies such as Artificial Intelligence, there is a lot more to going paperless.

emSigner is eMudhra's solution to the paper problem that haunts many organizations across all industries today. Being an AI enabled document processing automation platform, emSigner not only powers electronic signing workflows to transform customer experience but also uses AI to help manage your risk governance better.

Cloud and On-Premise Deployment

emSigner supports quick and flexible installation options, with support for in-person or remote deployment based on client's convenience and budget. Also unlike other products in the industry, emSigner supports both cloud and on-premise deployment. Companies can also choose between stand-alone deployment mode and deployment mode that requires high availability and scalability when it comes to deploying the solution within their premise. All this makes it conducive for usage across industries, including in sensitive organizations such as banks, without any worry on data privacy.

Optical Character Recognition (OCR)

All documents uploaded are pushed through the OCR engine to extract actual text within the document. This allows emSigner to search deep into the document rather than just on the title and support advanced searches on things like, "how many documents exist which have an indemnity obligation."

Collaborative Editing

emSigner allows you to seamlessly create, review and edit documents collaboratively with complete tracking and version control. This allows easy creation and management of contracts, which when finalized can be sent to multiple external parties for signing.

Powerful Flexiforms and Workflows

emSigner's workflows support predefined templates or flexiforms that permit user input as part of a document submission process. These flexiforms are not your conventional flexiforms. They are hardwired to support any unconventional size, which is useful for use cases such as diploma printing.

OCR.. Digital Signatures...Encryption.. Workflow.. Timestamping..Collaborative Editing

Integrations with SAP, Salesforce, Microsoft and Sage

The predefined integrations allows users of these major ERP and CRM platforms to quickly sign, transfer and check the authenticity as well as integrity of documents generated using these platform on the go. Along the way this integration will help organizations to meet legal compliance and make electronic contracts enforceable.

Bulk Signing (Both Signing & Sending, and Sending & Signing)

Bulk signing feature offered by emSigner is a convenient way for users to sign multiple documents in one go, thus saving substantial time in opening the document and signing them one by one. This unique feature supports both sign & send and send & sign functionality where multiple people receive customized copies of the document for signing purpose.

Support for Remote Signing

emSigner supports remote signing of documents using long lived and one time cryptographic key pairs that are generated in an HSM on the server. This avoids the need for a crypto-token in jurisdictions where this is mandatory. This methodology of signing is used in India, the US, Europe and Malaysia. Out of the box, emSigner supports eSign remote signing in India. emSigner's remote signing service uses eIDAS compliant signatures.

Support for API's and Signer Gateway

External applications can easily integrate with emSigner with either powerful API's or Signer Gateway. The signer gateway works like a payment gateway and allows for easy signing of documents by various users as part of a workflow.

25+ Language Support

emSigner supports 25+ languages for making it easy for the global customers to send the documents for signature in their own language. emSigner is also continuously enhanced to support more languages and if the customer desires emSigner in a specific language, a simple customization can be achieved to support that particular language in a short span of time.

Identity Assurance and Trust

The core of emSigner is designed to offer high data security while providing multiple levels of assurance using 2-factor authentication for both internal and external signatories. This ensures seamless identity verification and delivers trust.

emSigner is Mobile Enabled

emSigner is also available in an app form that is compatible with popular Android and iOS systems. This simply means that you no longer are constrained to any particular device or location to start your paperless journey; you can literally go digital from anywhere at any time.

Download on the **App Store**

GET IT ON **Google Play**

Other Key Features

- Artificially Intelligent using Machine Learning
- Comprehensive Workflow Management
- User Friendly UI/UX
- Hybrid Secure QR Technology
- End-to-End Encryption
- Access to Cloud Document Stores
- Open API Stack
- 2 Factor Authentication

- Bulk Document Creation
- Bulk/Selective Signing
- Pre-integrated Signature Pads
- Time-stamping API
- Document Inter-linkage
- Mobile App
- Access Management

Latest Feature Updates

- Long Term Validity (LTV) signature support to meet archiving requirements for documents

- Support for dynamic forms wherein users can create a form on the fly as per each workflow specific requirement

- Support for remote signing using organizational certificates as well as individual signer certificates with keys stored in an HSM and provide higher levels of assurance

- Ability to seamlessly add signatories to a workflow while in the middle of a parallel or sequential workflow process

- Wallet based envelope pricing model that enable clients to start with a lower commercial engagement and pay by envelope

The Benefits

Convenience to all Concerned Parties

Scalability and Flexibility

Up to 80% Savings on Paper Based Cost

Complete Security

Technical Specifications

■ **Recommended Hardware**
- Processor: 2 * Quad Core Processors
- RAM: 32 GB
- HDD: 1 TB SAS HDD

■ **OS Compatibility**
Windows Server 2008+

■ **DB Compatibility**
MySQL

■ **Security Compliance**
- ISO 27018
- GDPR

■ **Algorithms and Standards**
- AES 256, SHA 256, RSA Signing
- PKIX, X.509 v3, XAdES, PAdES

■ **Web Services/API**
- AES 256, SHA 256, RSA Signing
- PKIX, X.509 v3, XAdES, PAdES

■ **Algorithms and Standards**
SOAP, REST

■ **Protocols**
JWT, HTTP, HTTPS, SMTP, FTP, SFTP, WSS, LDAP, Auth 2.0

■ **Data Format Supported**
PDF, XML, JSON, DOCX, XLS, PPTX

Use Cases

■ **Enterprise Use Cases**

Finance - Invoice Signing | Credit and Debit Notes | Others

HR - Offer letter | Agreement | Others

Legal - Contracts | Director Filings | Others

Procurement - Vendor/Supplier Onboarding | Contracts | Others

■ **Industry Wise Use Cases**

Banking – Digital Banking | e-Statements | Electronic Loan Processing

Insurance – e-Policy & Fraud Mitigation | e-Receipts | e-Claims

eGovernance – e-Licensing | e-Certificates | Citizen-to-Government e-Services

Education – e-Diplomas | Digital Transcripts/ Marksheets | Student Enrolment

Manufacturing – Contracts | Dealer/Distributor Onboarding | e-Invoicing

Telecom – Employee Onboarding | Mobile/Landline/Broadband Connection and Authorization Documents | Others

About eMudhra:

As the world goes Digital, security is ever more crucial to protect identities, data, and enable trust in a digital society. eMudhra focuses on SECURE Digital Transformation to enable organizations to progress and evolve without sacrificing "Trust," which matters most in our society. With an end-to-end stack around trust services, PKI, Paperless transformation, and Digital Authentication, eMudhra is optimally placed to aid digital journeys where identity assertion is critical.

eMudhra chairs the Asia PKI Consortium, is a board member of the Cloud Signature Consortium and a member of the CA Browser Forum. Having been in business for over 12 years and built a reach that spans more than 50 countries, eMudhra is deeply committed to bringing change and helping societies across not just go digital but go digital in a secure way.