



CASE STUDY

One of the largest single site refineries in India deploys emSigner to streamline document processing at refinery site and depos



Quick Facts

2nd

Largest refinery
unit in India

65+

Depots made
paperless

4000+

Transactions
per day

5000+

Truckers now benefiting
with electronic invoices

OVERVIEW

Our client was looking for a PKI based Digital Workflow Platform to establish trust and automate document signing process using legally valid Digital Signatures. The scope of work required a unified solution to authenticate and validate users with a digital signing solution and PKI based encryption services. About 175 HSM based signatory accounts were created and 75 crypto tokens were consumed as part of the installation process. In this endeavor, emSigner was integrated with SAP to process all the documents digitally in line with the scope of work.

CHALLENGE

Entire document processing system at the client's location was affected by the scale of complexity arising out of manual document processing. Their existing system lacked features to combine the efficacy of digital signing and legality enforcement while simultaneously handling multiple copies of documents.

Remember, these documents must reach about 200 transporters, suppliers, and thousands of customers on a real-time basis. A longer turn-around time in processing documents and sending them to their intended recipients was crippling the entire operations.



SOLUTION

To address the challenges, emSigner was deployed as on-premise installation. Today, Authorities can digitally sign a multitude of documents (original, duplicate, etc.) while ensuring they are automatically sent to external parties like transporters/ Suppliers/ customers with utmost data security and non-repudiation of documents.

From dispatching manual documents at separate sites to a Unified Digital Workflow Platform, following were the highlights of the implementation process:

- emSigner's integration with SAP ECC6 using APIs
- Automation of HSM-based Digital Signing
- Sending signed documents to EDMS and NAS storage
- QR code based invoice information to expedite truck movement at exit points and customer locations
- Cancellation of Invoice with watermark and invalidating the digital signature
- Smart dashboard system to track invoice signing, storage and trigger emails to customers
- Retrieval screen for business users to view the documents within SAP



emSigner was seamlessly integrated with SAP ECC 6.0



Automated HSM based server-side signing without manual intervention



USB based signing with crypto tokens for security and flexibility



39+ document types processed using emSigner



OUR SERVICES

Build a Paperless Office From Anywhere, Anytime!

With a deep knowledge of our platform and extensive industry experience, our consultants will collaborate with you to envision a complete digital mode of managing documents and eliminating the necessity of handling physical papers and human efforts by upto 80%.

Solution for Individuals, Organizations both Large & Small

Armed with technical knowledge of our platform, our consultants can help you set-up account access privileges, facilitate platform integration with existing software, and customize as per user adoption and use cases across the spectrum.

Supports Various Use Cases

Our consultants have unparalleled understanding and knowledge of helping organizations digitally transform and optimize workflows using electronic/digital signatures. This includes building document workflow templates and creating user groups to map signers to various departments like HR, Finance, Legal, etc. within a few minutes!

ABOUT EMSIGNER

emSigner is an automated workflow signing platform that helps you create a single source of truth for all your signature requirements. Based on requirements for different business verticals, emSigner can provide you with a secure cloud (SaaS) or on-premise based installation. With capabilities including remote KYC, OCR, machine learning, document intelligence, and electronic signature, our solution can help build an end-to-end document automation pipeline and the entire signing infrastructure can be accessed remotely.