EMSIGNER · REAL ESTATE · INDIA

A Leading Real Estate Developer in India Reduces Document Processing Time by 80% with eMudhra emSigner Remote Signing

SECTOR	REGION	SOLUTION
Real estate	India	emSigner

CLIENT OVERVIEW

A Leading Real Estate Developer in India is an established property development organisation with a significant presence across multiple cities, offering a wide range of residential and commercial projects. With decades of operational history and a large portfolio of active developments, the organisation manages substantial volumes of intercompany and vendor documentation — including invoices, purchase orders, and financial approvals — across its project and corporate functions. As the organisation scaled its operations, the efficiency and integrity of its document signing processes became an increasing operational concern.

THE CHALLENGE

The organisation's finance and accounts teams managed a high and growing volume of invoices and intercompany documents that required authorised signatures before processing. The existing process was entirely manual: documents were printed, physically routed to authorised signatories, signed by hand, scanned, and re-entered into the organisation's financial systems. This process was time-consuming, error-prone, and created significant bottlenecks in accounts payable and intercompany settlement workflows — directly increasing turnaround times and operational costs.

The manual process also introduced compliance and integrity risks. Physical signatures provided limited auditability, no timestamping, and no cryptographic proof of document integrity — leaving the organisation exposed in the event of document disputes or regulatory reviews. As document volumes continued to grow with the expansion of the business, the scalability limitations of the manual approach became increasingly untenable.

> *"We were processing thousands of invoices and intercompany documents every month through a fully manual signing workflow. The delays, the errors, and the audit gaps were unacceptable for a business of our scale. We needed a solution that was automated, legally valid, and capable of handling our volumes without additional hardware investment. — Head of Finance Operations, Real Estate Development."*
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> **Director of ICT and Digital Strategy**

THE SOLUTION

eMudhra deployed a Remote Signing Service, enabling the organisation to automate the bulk signing of invoices and intercompany documents using Document Signer Certificates hosted securely within eMudhra's Hardware Security Module (HSM). The solution was integrated with the organisation's existing financial and ERP systems through APIs, requiring no additional hardware investment and enabling rapid deployment.

The signing workflow operates in four steps: signing requests are initiated automatically through the organisation's existing systems via eMudhra's API; the user is authenticated to confirm the integrity of the signing event; documents — individually or in bulk — are signed using the digital certificate stored in the HSM; and each signed document is timestamped for regulatory compliance and returned to the originating system, completing the process with a full, verifiable audit trail.

The solution leverages eMudhra's status as a Qualified Trust Service Provider and its adherence to global standards for secure and compliant digital signatures, ensuring that all signed documents carry full legal validity and cryptographic integrity. The deployment required no changes to existing workflows or hardware infrastructure, enabling the organisation to go live rapidly and achieve immediate productivity gains.

RESULTS

The deployment of eMudhra's Remote Signing Solution transformed the organisation's document signing operations, delivering an 80% reduction in document processing time and eliminating the manual overhead and compliance gaps associated with physical signing workflows.

METRIC	BEFORE	AFTER
Document Processing Time	Days (manual print-sign-scan cycle)	Reduced by 80%; same-day processing
Signing Method	Manual physical signatures	Automated HSM-based digital signing
Audit Trail	Paper-based; incomplete	Full cryptographic audit trail with timestamps
Hardware Required	Physical DSC tokens at each location	None; fully cloud/HSM-hosted
Scalability	Limited by manual capacity	Handles large-volume bulk signing without constraint
Legal Validity	Manual signatures; dispute risk	Qualified Trust Service Provider-compliant

About eMudhra. eMudhra is a globally trusted provider of digital trust services, offering eSignatures, PKI, Certificate Lifecycle Management, Multi-Factor Authentication and Identity & Access Management solutions. Licensed by the Controller of Certifying Authorities (CCA), India, eMudhra serves 1,000+ enterprises across 40+ countries, helping organisations build secure, compliant and paperless digital ecosystems.

Customer name withheld for confidentiality.