

## emAS – eMudhra Authentication Solution

Create your own trusted enterprise network of users, devices, applications and things!

With malware, ransomware and other cyber threats constantly thrown at Enterprises, a holistic security platform is required to securely enable digital identity and transaction management. eMudhra's flagship product eMudhra Authentication Server has been empowering millions of users securely manage their online identity and authentication needs by offering a single holistic security perspective!

Trusted by several large Banks, emAS offers a host of strong authentication options that help Enterprises secure physical, mobile, logical access to applications.

### **emAS addresses the need of the hour – mitigating risk for enterprise and it's end users while keeping it simple**

#### **Threats are multi-channel**

With customers, employees, suppliers accessing applications across web, desktop, mobile and cloud; Enterprises have to constantly worry about newer threat dimensions. emAS's behavioral analytics module runs machine learning algorithms to detect anomalies and put in place risk mitigation measures

#### **Cloud applications add a new dimension**

With the explosion of cloud offerings and hosting providers and sensitive data on cloud, security officers have to constantly think about how to protect authentication on the cloud. emAS's plug and play architecture allows quick addition of newer platforms and factors of authentication

#### **Ensure integrity and legal-non-repudiation using PKI**

Plain username/passwords & OTPs are today most vulnerable for cyber attack. emAS offers the ability to attach users to a risk profile to allow creation of trusted networks using Public Key Infrastructure offering strongest form of protection to Enterprises and its customers

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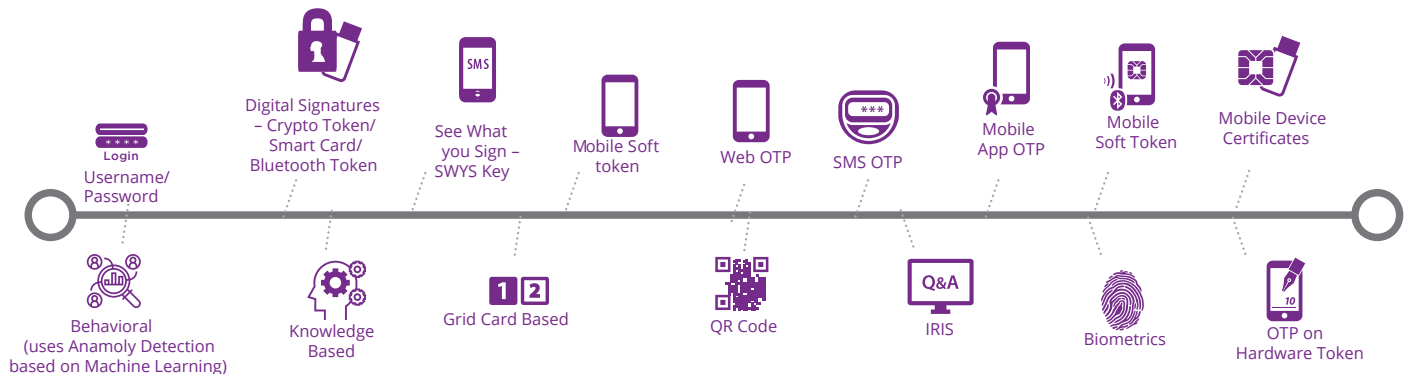
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### **Product Benefits**

- Cost effective deployment of strong authentication across Enterprise
- Used by 25 Banks in India powering 10 million user authentication requests
- Mobility enabled for leveraging mobile authentication options
- Acceptance of local and global CA certificates for Digital Signature Certificate & Public Key Infrastructure based authentication
- Platform agnostic – deployed across Solaris/Windows Server/Red Hat Linux/ IBM AIX
- Built for the future with FIDO Compliance measures

## Authentication Types:



emAS supports a wide array of authentication options which are configurable based on user groups and roles. emAS is built for scale and allows rapid multi-factor authentication deployment across the Enterprise and its customers resulting in enhanced security while reducing cost.

## emAS offers a holistic deployment of a trusted network for your Enterprise

### Single/Simple Platform Need of the hour

Instead of deploying multiple authentication systems, emAS comes with all features required to deploy strong authentication at an Enterprise level. This simplifies user and access management based on risk profiling

### Integration of Physical/Logical/Cloud and Mobile Access

### Ultra-fast processing of authentication requests

emAS processes millions of authentication requests within a timeframe of 6 milliseconds ensuring no delay for end users

### Risk Mitigation through Analytics

Through proprietary Machine Learning algorithms, emAS powers the ability to run anomaly detection based on behavioral profiling

### Multiple credentials under one single platform

A variety of strong authentication options allows users or administrators to ensure easy and seamless multifactor authentication based on risk profiling of users

### Plug-n-Play

emAS is platform agnostic and can be deployed across a host of environments without complex integration or customization

### Integrations with emCA

Certificate Lifecycle Management - emCA, Certification Manager product offers the deployment of trusted users, devices and things as part of a network which can be validated by emAS

### Authentication backbone of emSigner

Secure digital transaction management - emSigner, the digital transaction management platform of eMudhra, authenticates end user digital signatures with emAS

### Integrations with leading Banking Suites

emAS has out of the box integrations with Infosys Finacle, Oracle Flexcube, TCS Bancs therefore making it easy for Core internet & mobile Banking applications to quickly rollout multifactor authentication for its customers