ID Security
by intelliCard

● **CEMA Platform**

Every Key,Every Certificate, One Platform

Our CEMA Certificate Lifecycle Management (CLM) solution ensures seamless, automated management of digital certificates across all platforms, whether on-premises or in the cloud. It offers robust security, compliance, and scalability, simplifying the complex tasks of issuing, renewing, and revoking certificates.

On-Prem, hybrid & multi-cloud PKI

On-Prem
Deploy certificate lifecycle automation on-premise.

- Includes the complete software stack
- Simple software management
- Use of existing HSM and IT

Cloud
Get a fully managed private PKI and certificate lifecycle automation in a single-tenant cloud platform or as PKIaaS.

- No upfront investment
- Easy entry
- Quick start of production
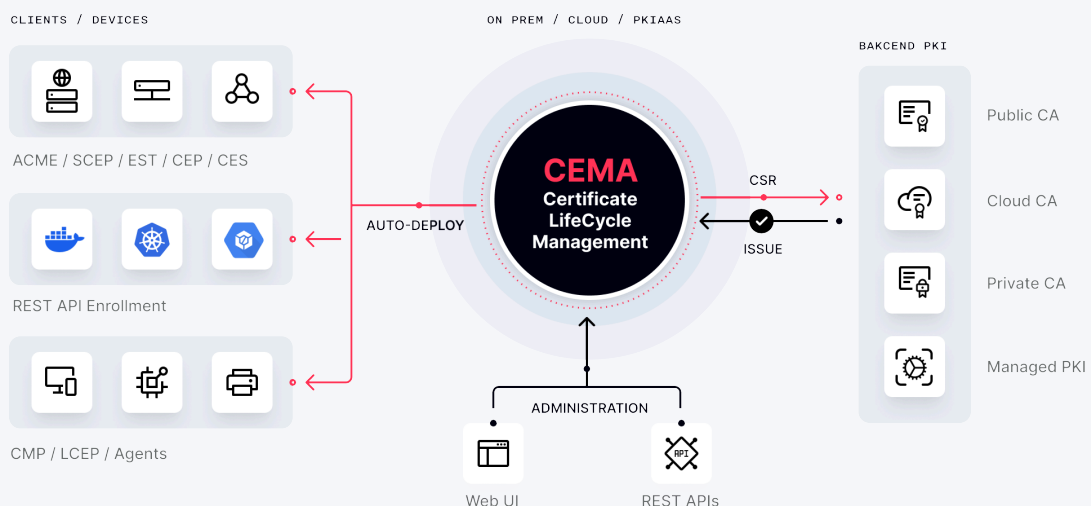- Costs only increase with growth

Hybrid
Keep your private PKI on-premise and integrate it with certificate lifecycle automation as a service.

- The best of both worlds
- Full control through on-site deployment
- Cover peak demand with automatic scaling in the cloud

CEMA – End-to-end certificate lifecycle automation platform

CLIENTS / DEVICES

ACME / SCEP / EST / CEP / CES

REST API Enrollment

CMP / LCEP / Agents

AUTO-DEPLOY

ON PREM / CLOUD / PKIAAS

CEMA Certificate LifeCycle Management

CSR

ISSUE

ADMINISTRATION

Web UI

REST APIs

BAKCEND PKI

Public CA

Cloud CA

Private CA

Managed PKI

CEMA solves your enterprise digital identity management challenges

Automation

- **E2E Automation**
  Automate certificate renewal & provisioning to end devices
- **Policy & Workflow**
  Create custom, event-driven automation workflows & tasks
- **Web Console**
  Auto-provision keys as servers & workloads are spun up

Auto-Deploy

- **ACME**
  Integrate with ACME clients to automate certificate deployment
- **Rest APIs**
  Use CEMA's RESTful API to integrate with apps & tools
- **SCEP & EST**
  Support certificate enrollment on mobile & endpoint devices

Certificate Management

- **Direct CA Integration**
  Inventory certificates across your public & private CAs
- **Meta Data**
  Tag certificates with custom metadata to manage effectively
- **Reports and Alerting**
  Monitor certificates, generate reports, set alerts & notifications

Simplify PKI. Move it to the Cloud

Cloud-based PKI eliminates the complexities of maintaining hardware, software, and physical security, offering a streamlined, cost-effective solution. It provides automatic updates, reduces operational overhead, and ensures high availability, all while maintaining strong encryption and certificate management practices.

	XS	S	M	L
Environment	Non-production (PoC/Dev/Lab/Test)	Small production workloads, Corporate IT workloads	Typical production workloads, manufacturing, large Corporate IT	High load production workloads, Enterprise Corporate IT
Load	10K certificates	250K certificates	500K certificates	1M certificates
Database	Single DB	Cluster DB	Cluster DB	Cluster DB
Guaranteed Availibility	99%	99.95%	99.95%	99.98%
Fail over	1 Region 1 Availability Zone	1 Region 2 Availability Zones	1 Region 2 Availability Zones	3 Regions 3 Availability Zones