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Sentinel LDKaaS Highlights

Sentinel Software Monetization

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Thales Cloud Protection & Licensing
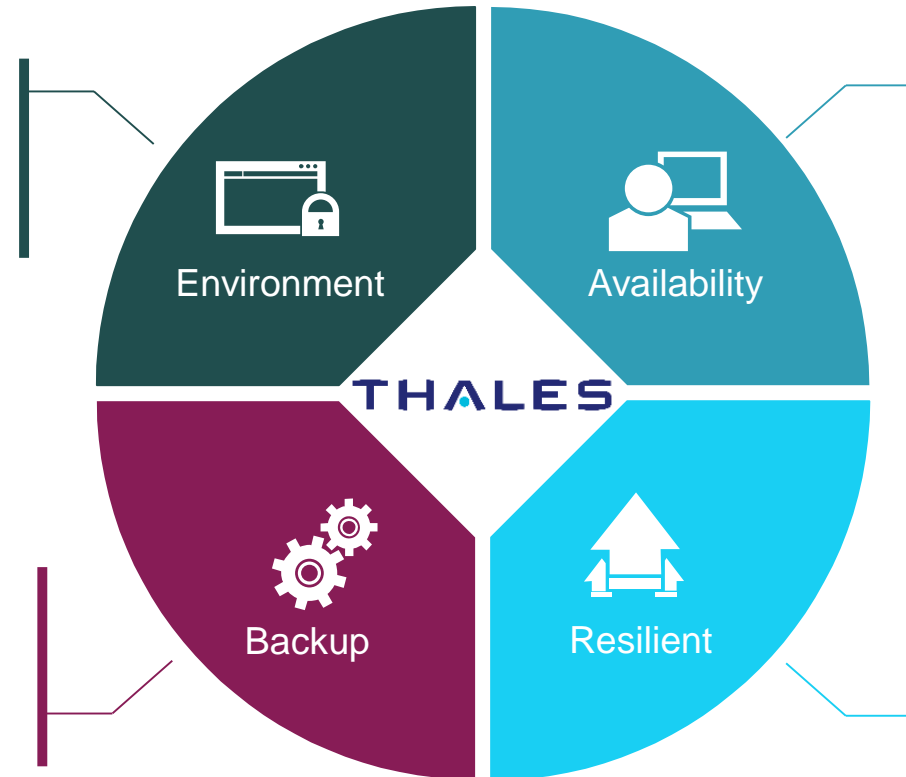
Sentinel Software Monetization

LDKaaS offer

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Sentinel LDK EMSaaS

Service Environment

- Google Cloud (GCP)
- Quick Deployment
- Dedicated Thales Expertise
  - Global 24/7 Support

High Availability

- Continuity and Recovery
- Regional high availability Configuration
- Automatic failover
- On going data backup

Environment

Availability

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Backup

Resilient

Security

- Auto data backups and snapshots
- Automatic Patch installation
- Access Control
- Industry & Corporate Compliance
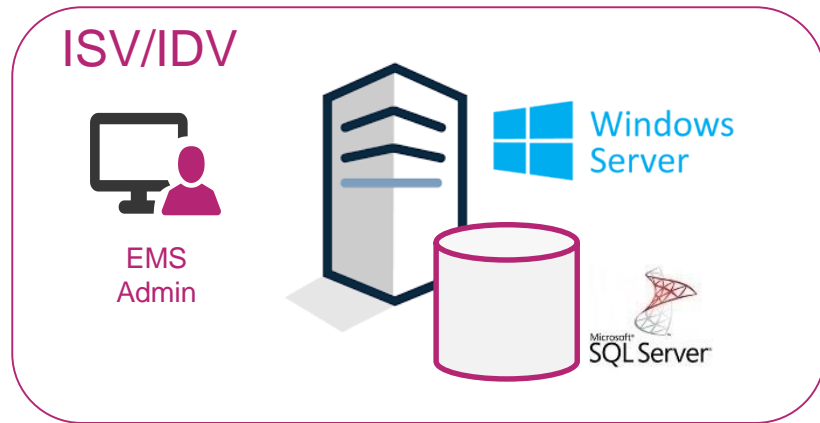 - ISO 27001:2013
  - SOC 2 Type 1 and 2
  - GDPR

Quality of Service

- 99.99% SLA
- 24/7 full stack monitoring
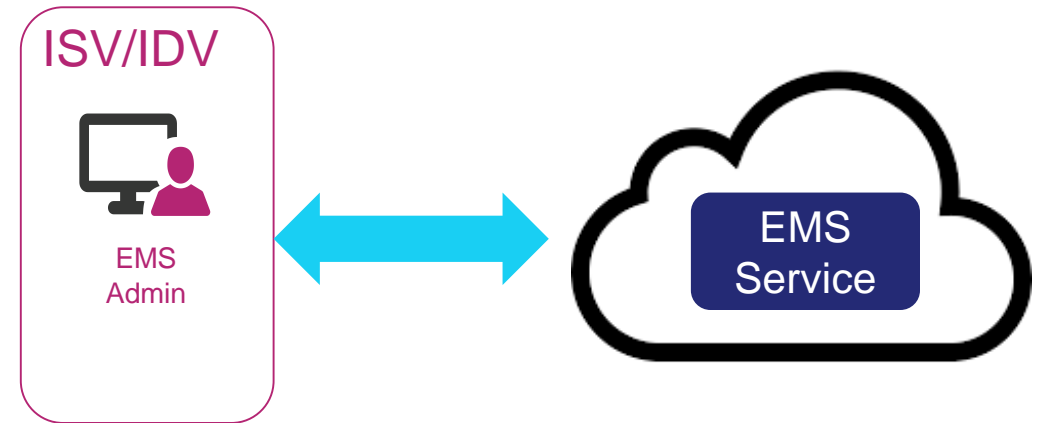- Monthly Service Pack Releases
- Scalable Infrastructure

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LDK EMS OnPrem vs LDK EMSaaS

- ## On prem EMS Deployment

ISV/IDV

EMS Admin

Windows Server

Microsoft SQL Server

Everything resides on ISV/IDV premises: LDK EMS and its DB, Envelope, LDK libraries and Toolbox
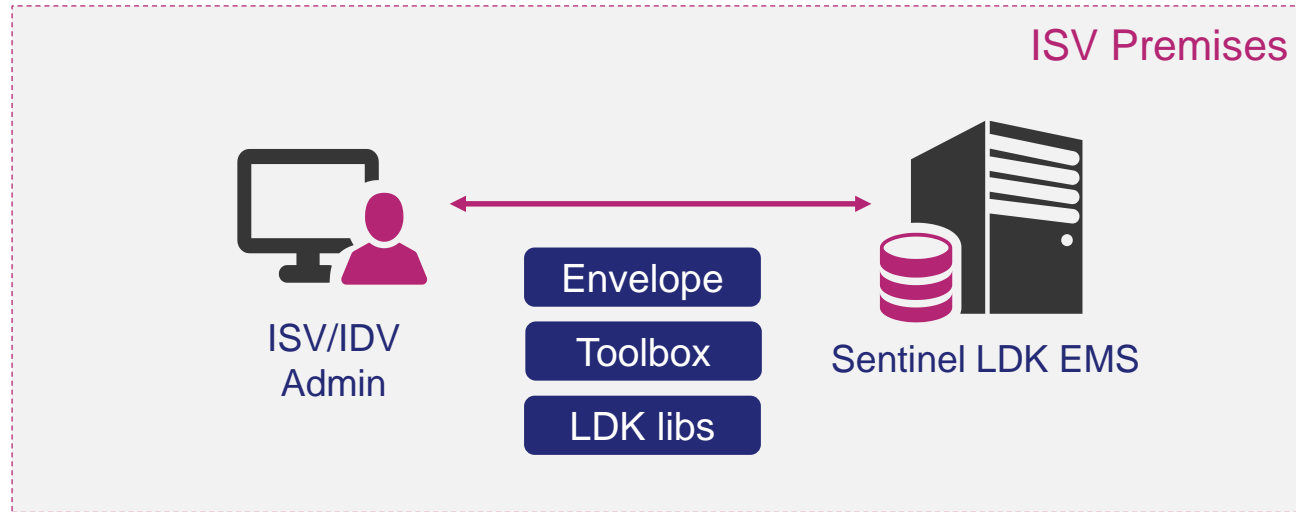
- ## LDK EMSaaS Deployment

ISV/IDV

EMS Admin

EMS Service

ISV/IDV accesses LDK EMS service over a web browser on Thales EMSaas dedicated instance.

Envelope, LDK libraries and Toolbox remain on ISV/IDV premises

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LDK EMS On Premise deployment

ISV Premises

ISV/IDV Admin

Envelope

Toolbox

LDK libs

Sentinel LDK EMS
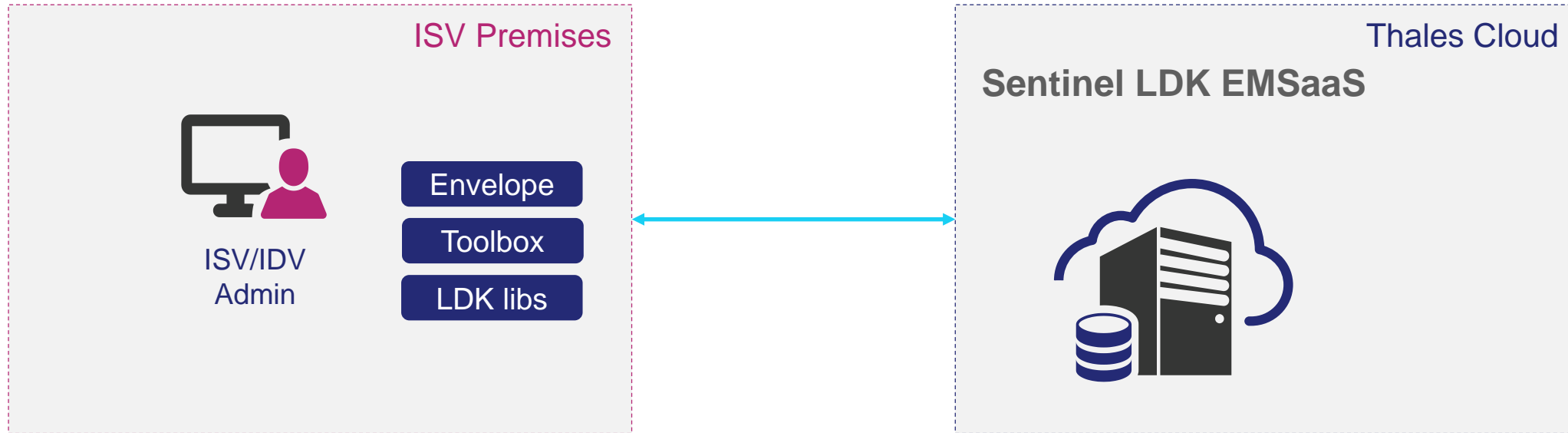
Highlights:
- Autonomy of ISV/IDV to manage his own EMS using one physical or virtual environment
- Single server can host it all
- ISV/IDV Ownership of database backup/restoration processes
- ISV/IDV Ownership of New versions/Service Packs installation

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LDK EMSaaS deployment

ISV Premises

ISV/IDV Admin

Envelope

Toolbox

LDK libs

Thales Cloud

Sentinel LDK EMSaaS

Highlights:
- Managed services (Automatic New versions/Service Packs installation, Scalability, High availability, Backup & Recovery Plan, Service monitoring)
- No CAPEX costs related to internal infra
- No need for OS maintenance (patches & SPs)
- Security managed by Thales Managed Services Team
- WW access from any remote team without own IT dependencies
- No USB Master key dependency

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Migration steps

On prems migration steps (Duration: up to a week – Customer or Thales handling)

Current OnPrems EMS   Target OnPrems EMS

Steps:
1. Customer installs LDK Vendor Suite on target system
2. Customer plugs its Master Key on target system and download vendorized libraries with its own batch code
3. Customer extracts DB content from his onPrems' system
4. Customer imports dump into target system
5. Customer validates new target's behavior and dismiss the old OnPrems system

On prems to LDKaaS migration steps (Duration:~2 months – Customer and Thales acting)

OnPrems EMS   Data Migration instance   Production instance

LDKEMSaaS   LDKEMSaaS
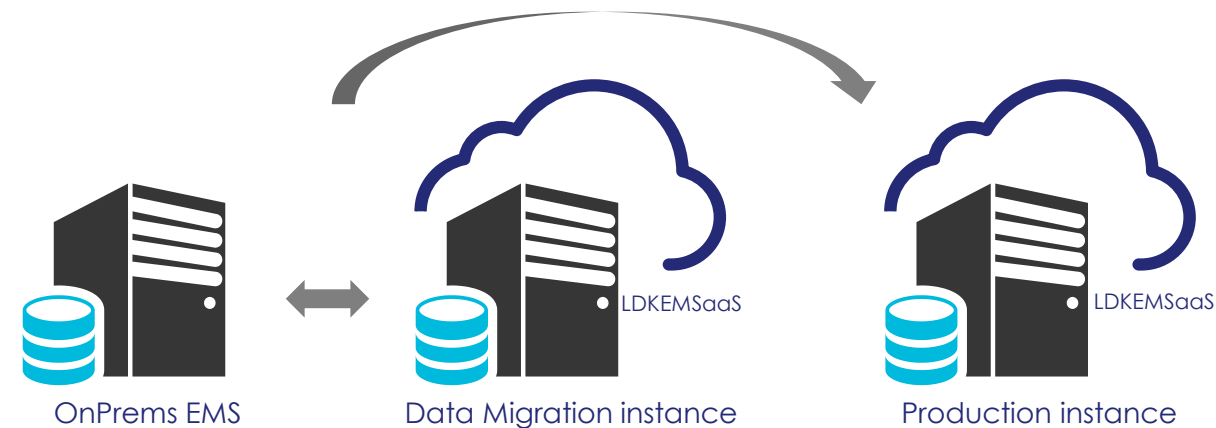
Steps:
1. Customer fills a technical questionnaire about its current EMS system.
2. Thales challenges it and commit on feasibility
3. Customer extracts DB content and provides it to Thales Operations Team
4. Thales sets up a data migration instance and will load/prepare the extracted data
5. Customer validates performances and ISO behavior
6. Customer extracts latest DB and provide it to Thales Operations Team
7. Thales sets up a production instance with latest extracted data

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