# LeanIX Cloud Intelligence

Dominik Rose (Director Customer Success Engineering)

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# It has been quite a ride

|  | 2015 | 2019 |
|---|---|---|
| | Started at LeanIX<br>0 kids | Driving CSE and Cloud Native<br>3 kids |
| LeanIX | < 20 customers<br>< 20 employees | > 200 customers<br>> 180 employees |
| kubernetes | Version 1.0 | Industry standard for<br>container orchestration |
| KubeCon | 500 participants | 150.000 participants |
| CLOUD NATIVE<br>COMPUTING FOUNDATION | Founded | > 70.000 committers for > 20 projects<br>> 500 member organisations |

Cloud Native turned into a massive ecosystem...

# ... and is embraced not only by tech-leaders

DevOps

Continuous Integration

**Cloud Native**

Microservices

Containers
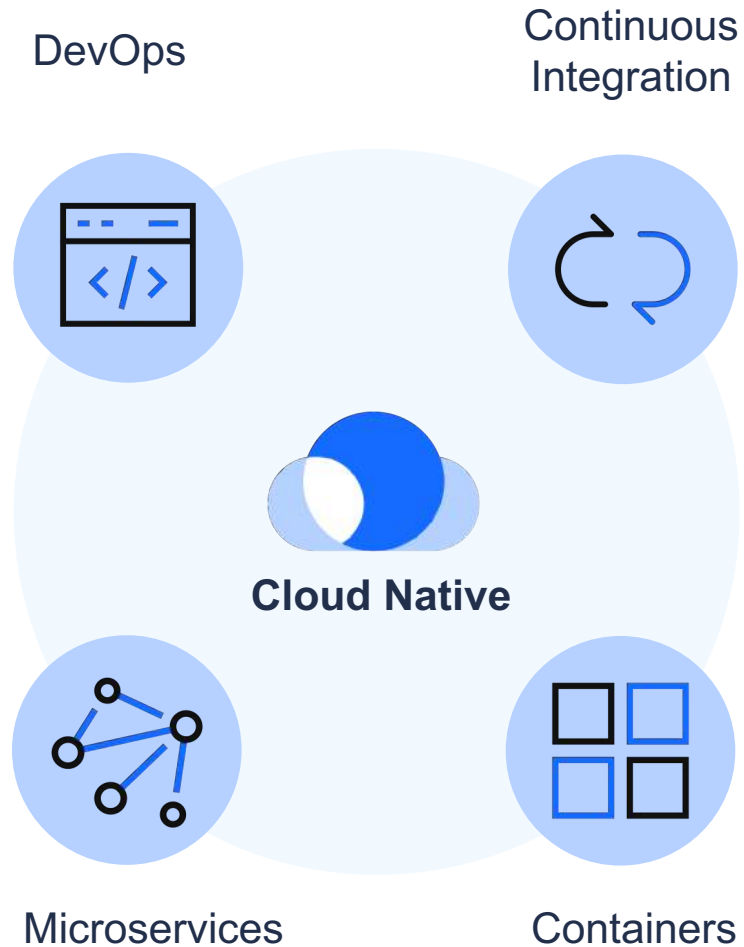
**Successful cloud-born companies[1]**

FACEBOOK

NETFLIX

salesforce

zalando

**Successful cloud pioneers[1]**

adidas

mastercard

SAP

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# Showcase – Leveraging Cloud Native…
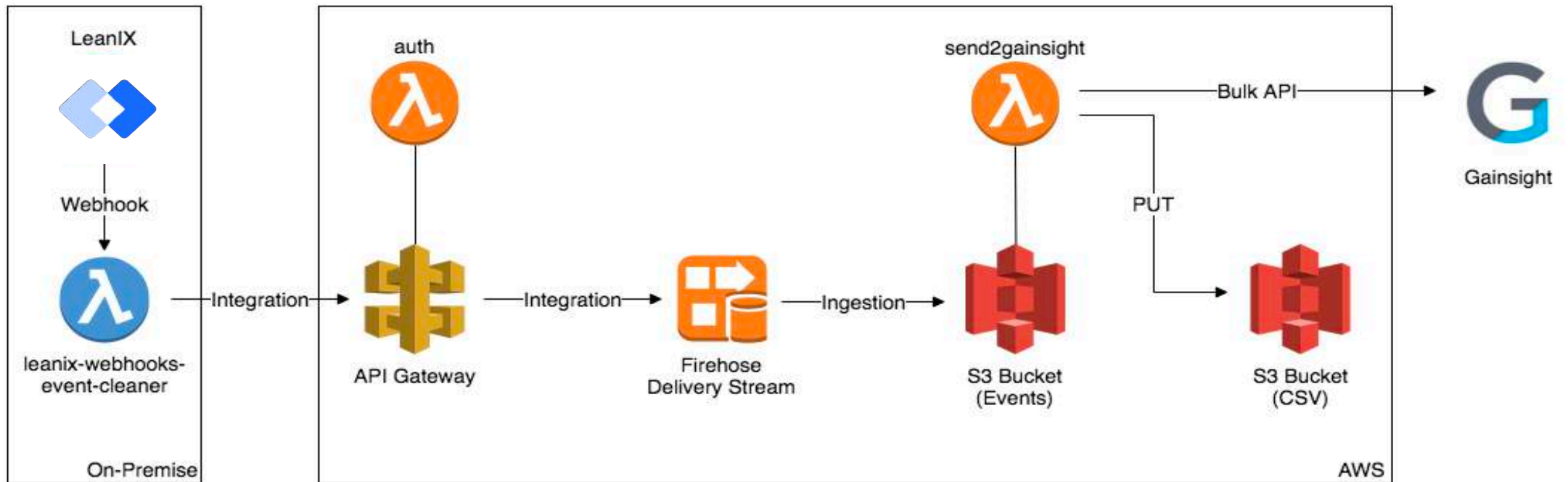
# … for business purpose!



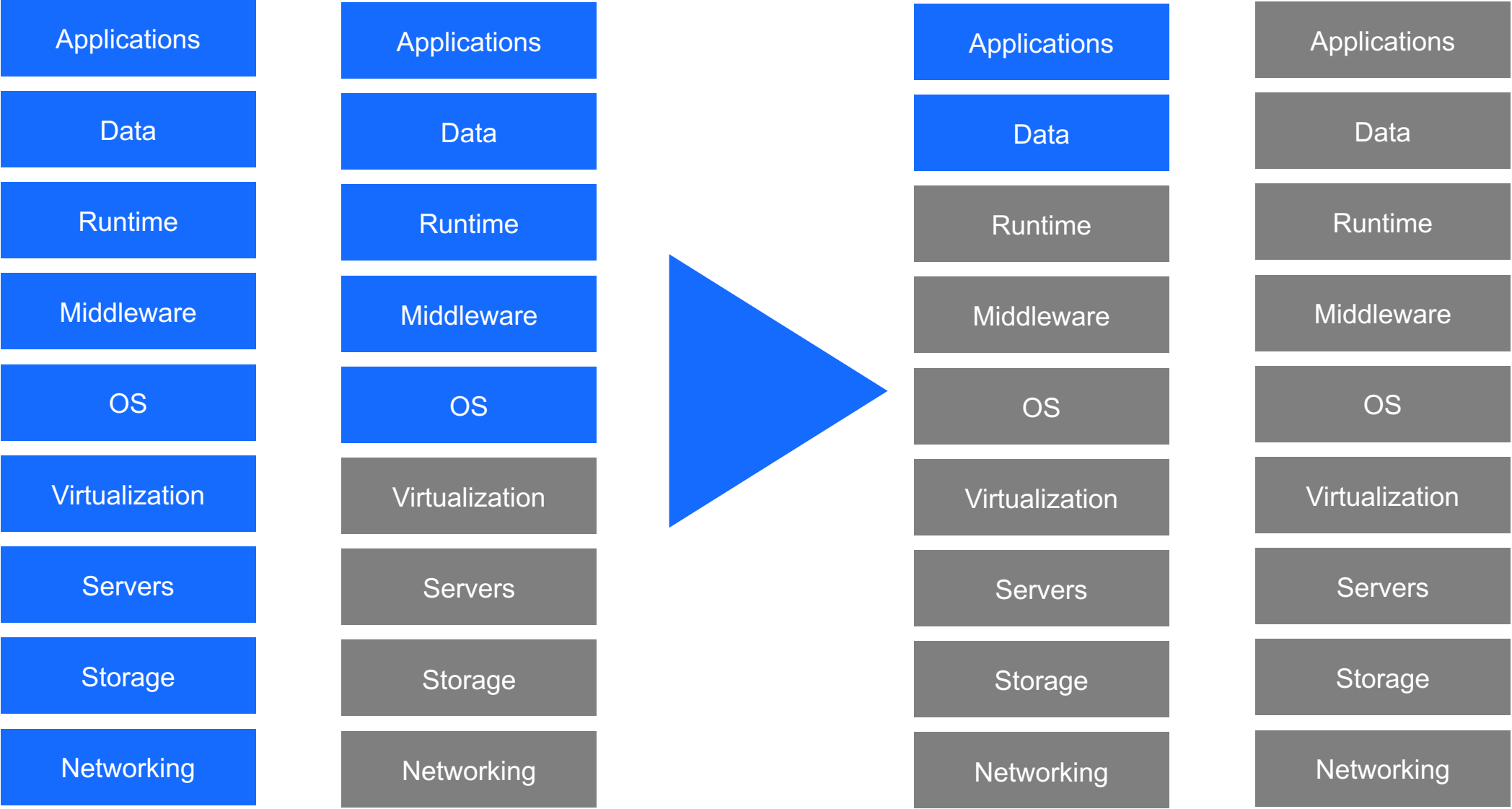Gain insight on tool usage for improved Customer Experience

Ensure to respect data privacy and legal obligations

Guarantee adaptability to everchanging requirements

Transfer > 100.000 events / day reliably

**Focus on business value, not technology**
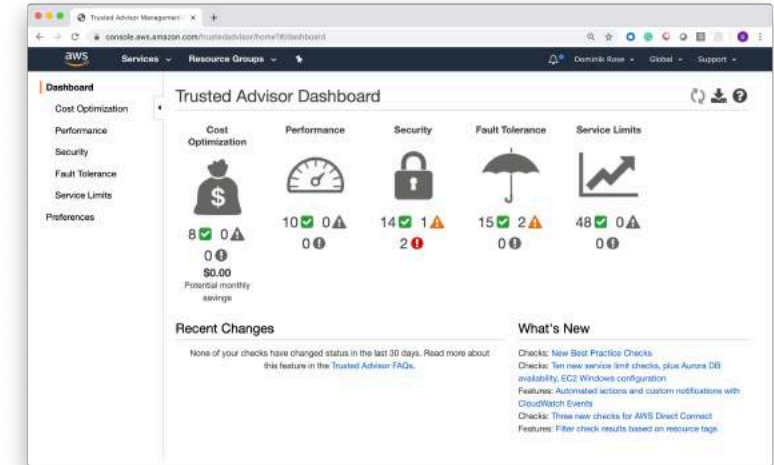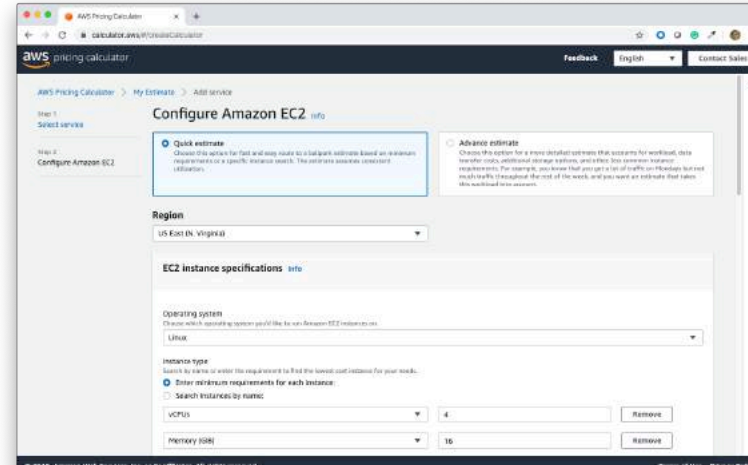
# Cloud Native: Focus on what matters most

**LeanIX**

| On-premise | IaaS | | PaaS | SaaS |
|------------|------|---|------|------|
| Applications | Applications | | Applications | Applications |
| Data | Data | | Data | Data |
| Runtime | Runtime | | Runtime | Runtime |
| Middleware | Middleware | | Middleware | Middleware |
| OS | OS | | OS | OS |
| Virtualization | Virtualization | | Virtualization | Virtualization |
| Servers | Servers | | Servers | Servers |
| Storage | Storage | | Storage | Storage |
| Networking | Networking | | Networking | Networking |

Managed by the company itself | Managed by a cloud provider
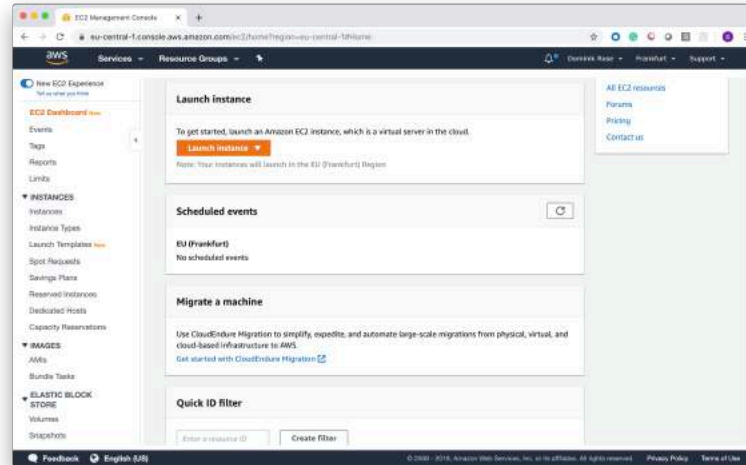
# Be fast, but cost efficient & compliant!



- Servers can be started within seconds
- Hyperscalers offer 100s of different services
- What happens if a service is no longer supported?

- Billing is dynamic, based on resource consumption
- Costs are democratized on team level
- How can one still keep control?

- Security, data privacy and compliance are more important than ever
- Local teams have good tooling, but what about a global overview?

# Sounds familiar?

**Business-Agility**
React faster to needs

**Security**
Build secure architectures

**Cost**
Realize cost savings

Cloud Native is the biggest challenge for Enterprise Architects, but also a huge opportunity

# LeanIX Cloud Intelligence: Auto-Discovery & Aggregation to the business context

## 1 Discovery

Connect to your cloud environment & automatically detect cloud components



## 2 Recommendations



## 3 Results

**What is deployed where, by whom?**

- Save 100s of hours in audit prep
- Speed up projects by months

**Cloud security violations?**

- Avoid millions of security risks
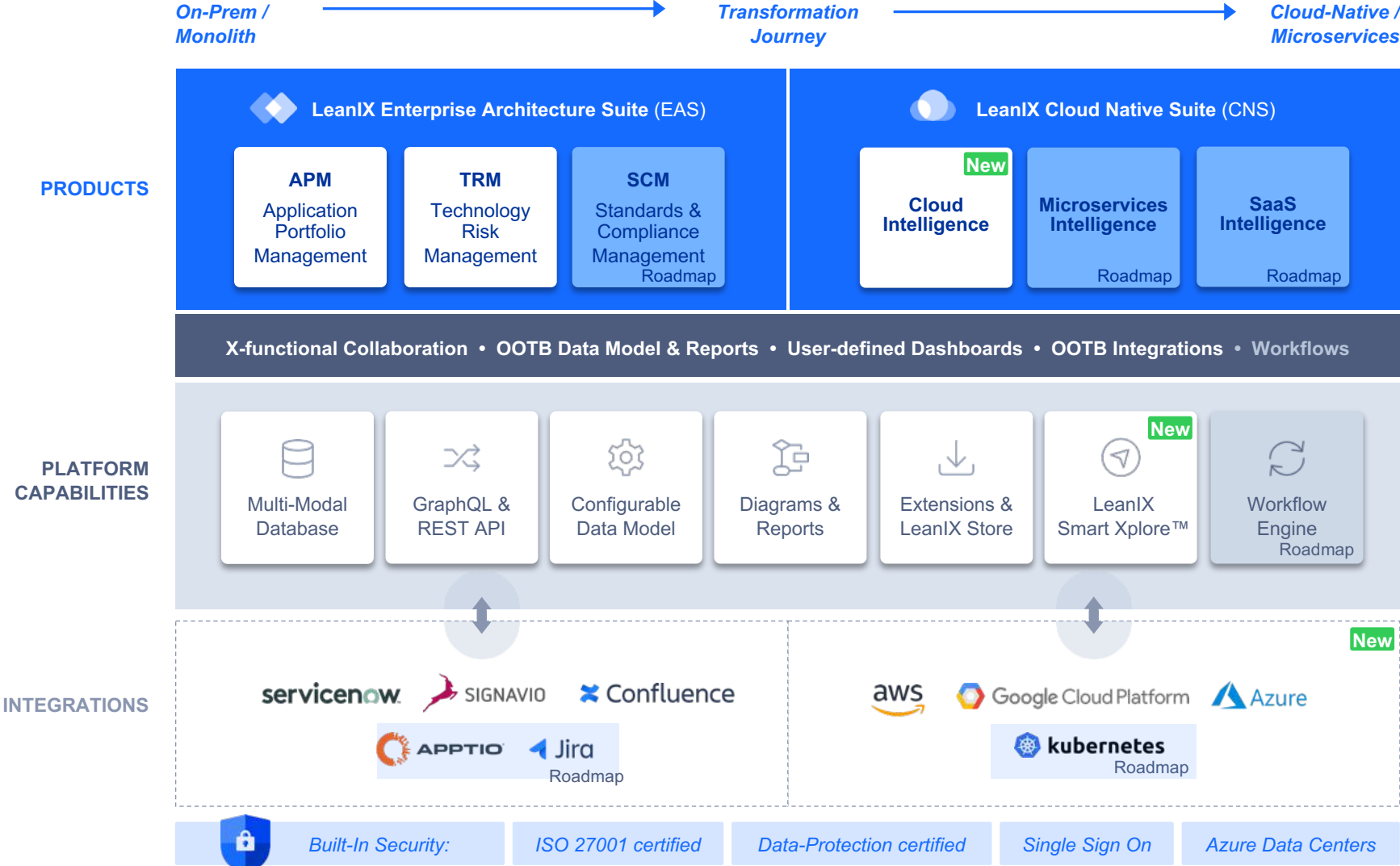- Faster, real-time risk assessment

**Hotspots for cloud spend?**

- Cut redundant cloud components
- Optimize cost cross-vendor

# Live Demo

# Combining proven strenghts…

LeanIX  EA 19

On-Prem / Monolith  →  Transformation Journey  →  Cloud-Native / Microservices

**PRODUCTS**

### LeanIX Enterprise Architecture Suite (EAS)

| APM | TRM | SCM |
|---|---|---|
| Application Portfolio Management | Technology Risk Management | Standards & Compliance Management  Roadmap |

### LeanIX Cloud Native Suite (CNS)

| New  Cloud Intelligence | Microservices Intelligence  Roadmap | SaaS Intelligence  Roadmap |
|---|---|---|

X-functional Collaboration • OOTB Data Model & Reports • User-defined Dashboards • OOTB Integrations • Workflows

**PLATFORM CAPABILITIES**

| Multi-Modal Database | GraphQL & REST API | Configurable Data Model | Diagrams & Reports | Extensions & LeanIX Store | New  LeanIX Smart Xplore™ | Workflow Engine  Roadmap |
|---|---|---|---|---|---|---|

**INTEGRATIONS**

servicenow  SIGNAVIO  Confluence
APPTIO  Jira
Roadmap

New
aws  Google Cloud Platform  Azure
kubernetes
Roadmap

Built-In Security:  |  ISO 27001 certified  |  Data-Protection certified  |  Single Sign On  |  Azure Data Centers

# … with game-changing capabilities
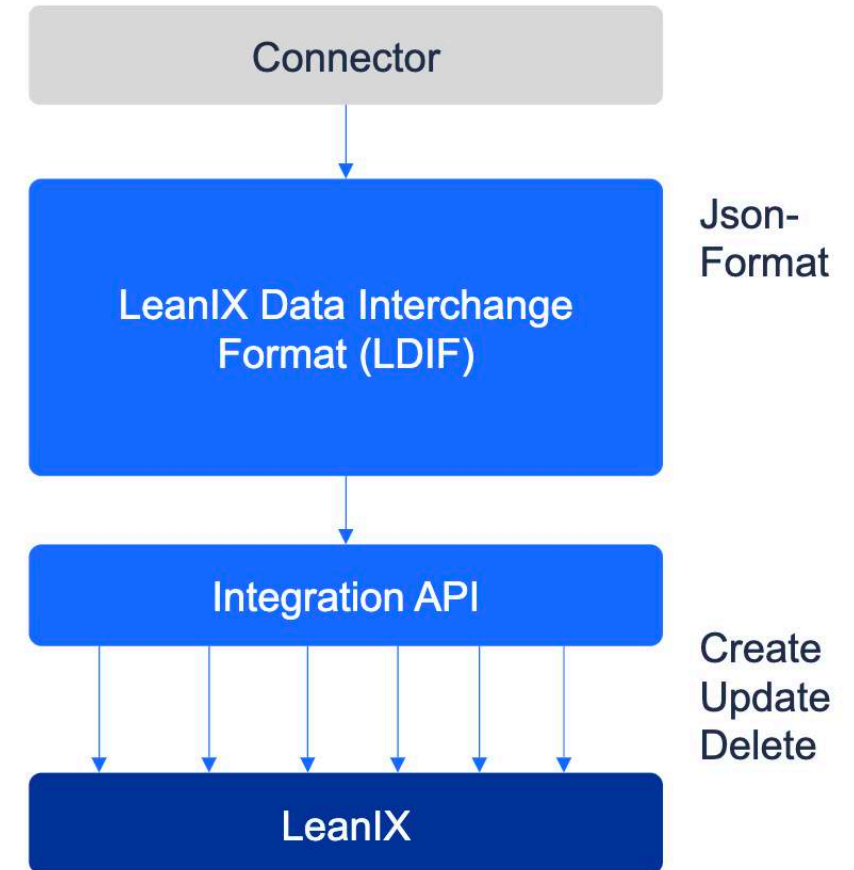
## Connecting two Systems is hard …

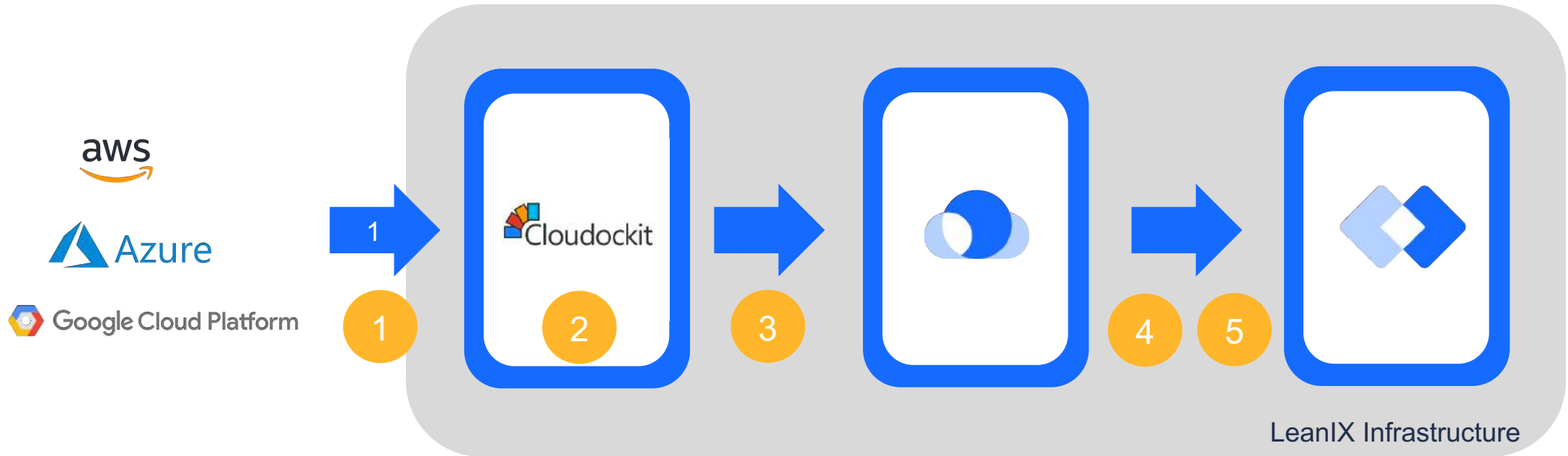**Two Systems, Data Models & APIs to be understood**

- Knowledge of the external system, including data model and API
- Knowledge of LeanIX data model incl. changes
- Mapping logic inside integration code is subject to a lot of potential changes
- Configuration for LeanIX needs to be contained in every connector

**Cross-cutting functionality in every connector**

- Configuration
- Mapping
- Deletion of no longer existing entities
- Management (start/stop/pause)
- Monitoring
- Logging
- Auditing

## … easier by separating the concerns

Connector

LeanIX Data Interchange Format (LDIF) — Json-Format

Integration API

LeanIX — Create Update Delete

# Architecture



LeanIX Infrastructure

1. Hyperscaler APIs are used by Cloudockit to discover data (we need the client's credentials for this)

2. Data is converted into LDIF

3. Data is imported into the CI Workspace via the Integration API (inbound connectors)

4. Data is exported from the CI Workspace via the Integration API (outbound connectors)

5. Data is imported into the EA Workspace via the Integration API (inbound connectors)

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# Leveraging our unique expertise

## 100s of successful EA customers

**Large enterprises**

adidas | BOSCH

Santander | McKESSON

**High-growth tech**

ATLASSIAN | Dropbox

snowflake | zalando

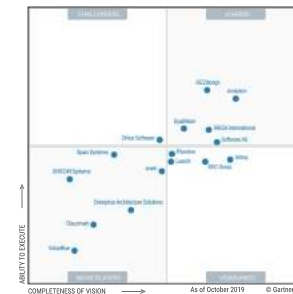## Cloud Native Beta phase

**Years of experience**

LeanIX

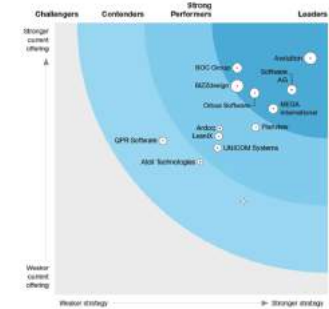We embrace DevOps, containers and microservices

**Beta with companies like you**

- Agile design sprints
- Intensive customer feedback
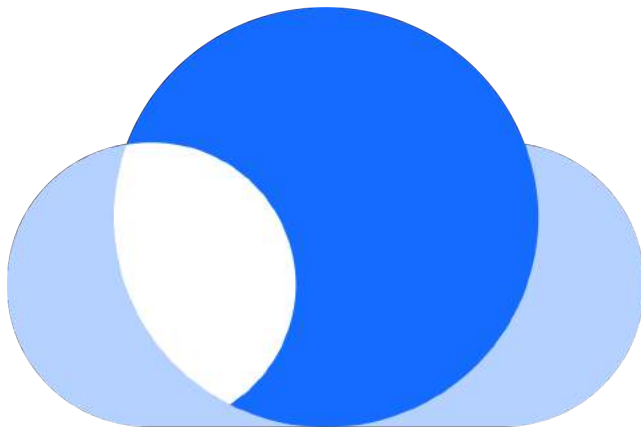- Covering AWS, GPC, and Azure

## Enterprise ready

Gartner

FORRESTER

bsi. ISO/IEC 27001 Information Security Management
voluntary test mark

TÜV SAARLAND Approved Data Protection
voluntary test mark www.tuev-saar.de

# Join our Early Adopter Program

**LeanIX**

**LeanIX Cloud Intelligence Early Adopter Program**

### Benefits

- Additional setup and acceleration support
- Shaping of product development
- LeanIX Cloud Native Community

### Mode

- Kick-Off workshop
- Milestone workshops
- Community workshop

### Timing

- Start: now
- Minimal sign-up period: 12 months
- Open until: March 31st 2020

### Commercials

- 20% discount on yearly subscription fee
- Extra discounts apply for LeanIX Cloud Beta Program customers

**For more details, please approach your Sales Manager or Customer Success Manager**

# Thank you!
Any questions?