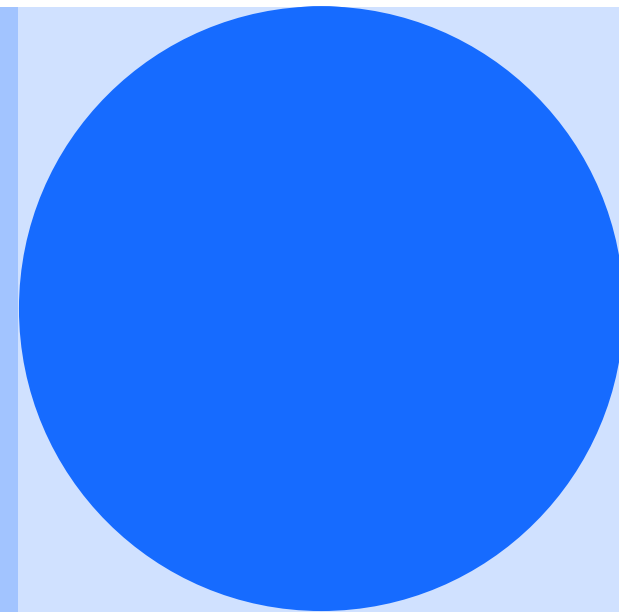




# Connecting code to customer - How to build reliable digital products faster



# Meet the Speakers

## SPEAKER



**Dominik Rose**

VP Product, Value Stream  
Management

LeanIX

## HOST & SPEAKER



**Torben Jaster**

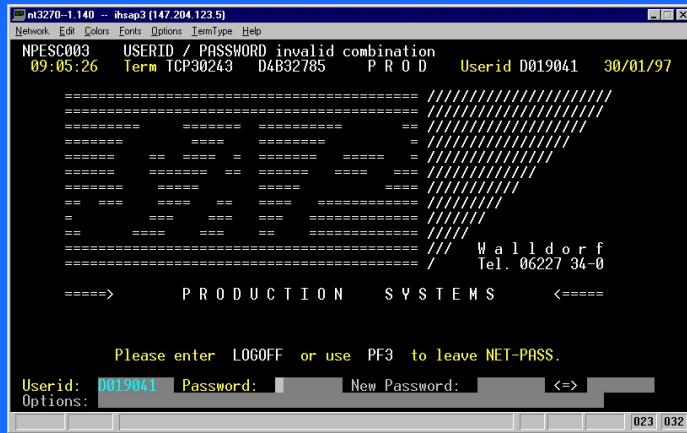
Product Marketing Manager

LeanIX

- 1. Introduction**
- 2. LeanIX Value Stream Management**
- 3. Live Demo**
- 4. Q&A**



## Modernize IT Landscapes



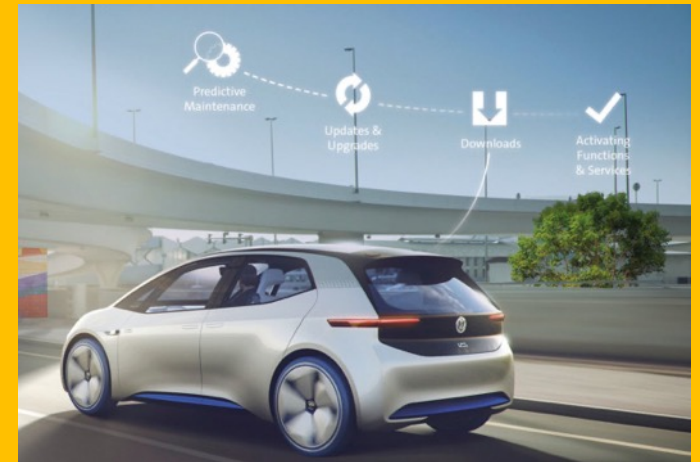
- What is the As-Is Landscape?
- Which Business Capabilities need IT investments?
- What dependencies need to be considered on the roadmap?
- ...

## Become Cloud-Native



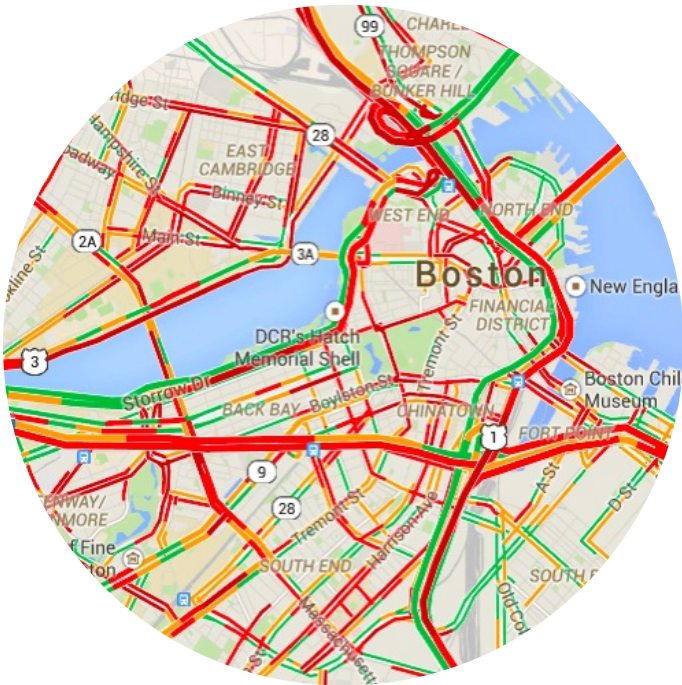
- Which SaaS do we have in use?
- When are the next renewals?
- What is the spend and usage?
- What is not secured via SSO?
- ...

## Build Digital Platforms

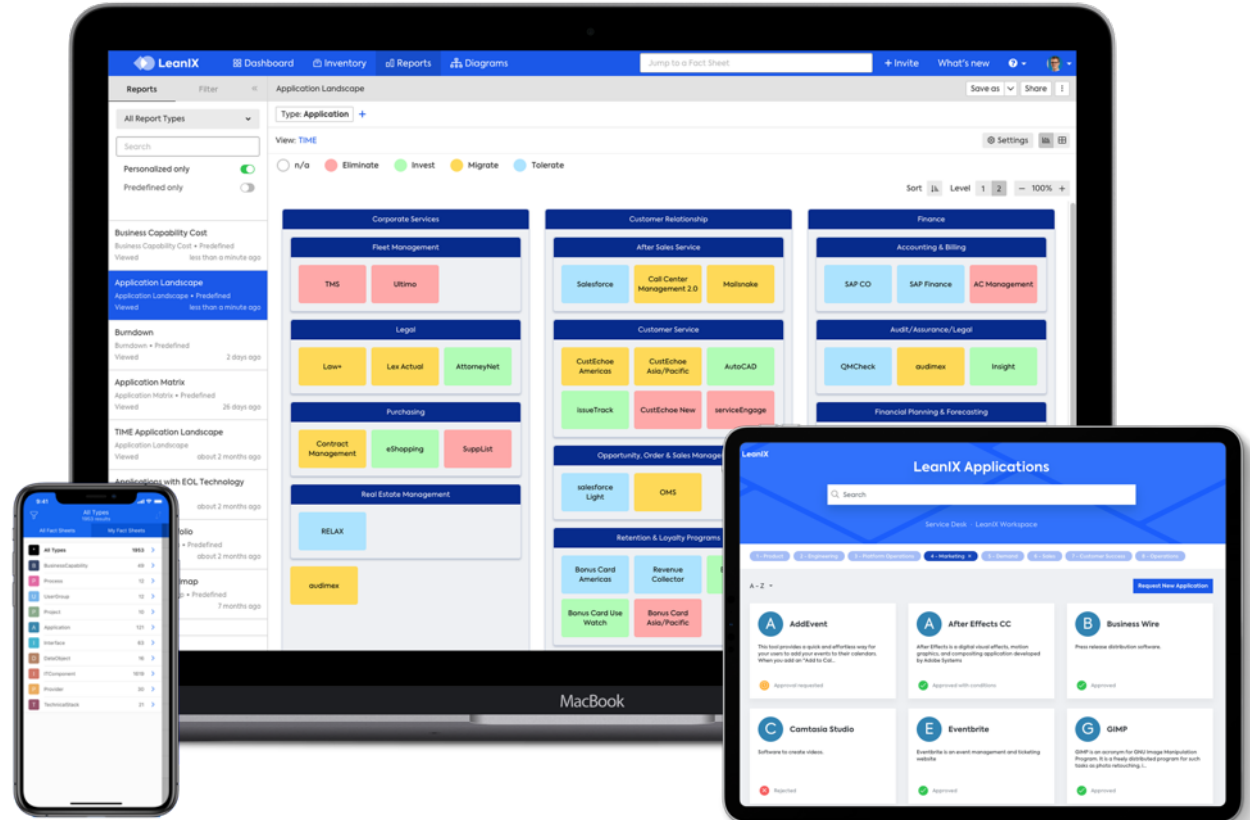


- How quickly can we respond to a ticket / feature request?
- How does our product architecture / APIs look like?
- What is our DevOps throughput?
- ...

# LeanIX is like a “Google Maps for IT”



Map for Streets, Cities, Traffic, ...

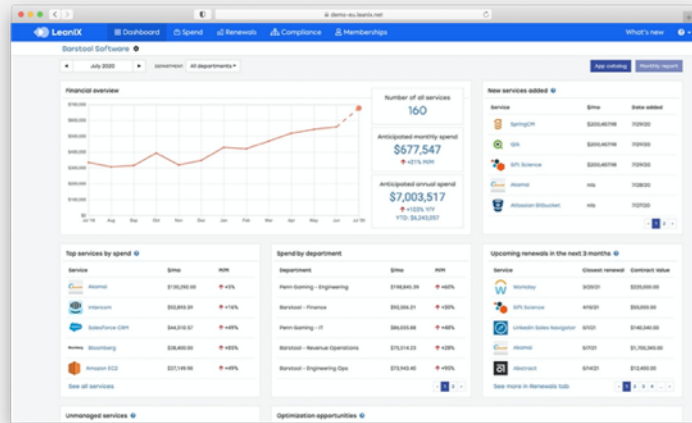


Map for SaaS, Applications, Microservices, Cloud Services, ...

# Data-driven management of IT transformation

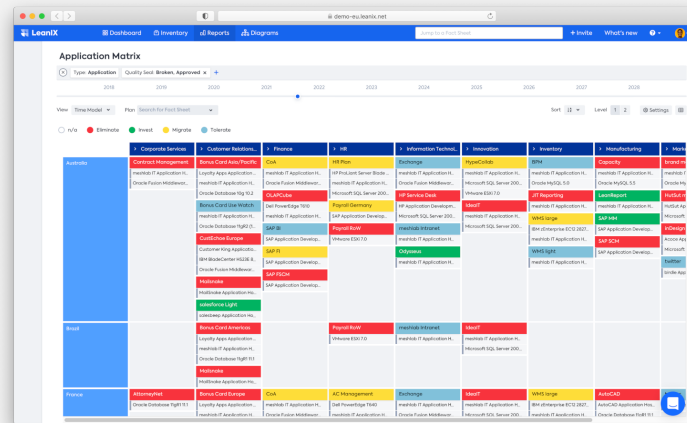


Optimize cost & productivity of SaaS subscriptions



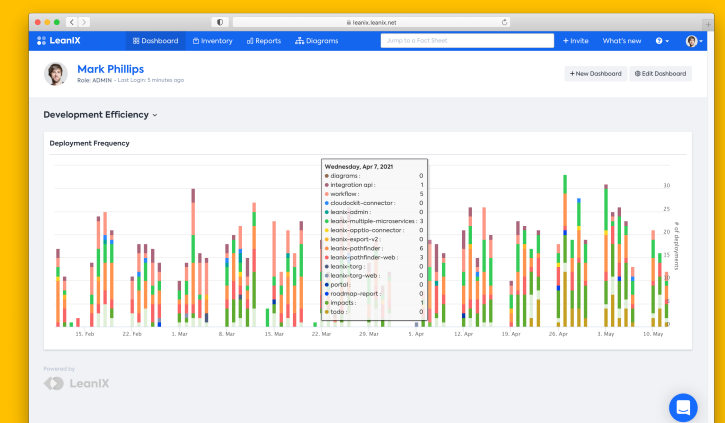
SaaS Management Platform (SMP)

Manage the transformation & risk of IT landscapes



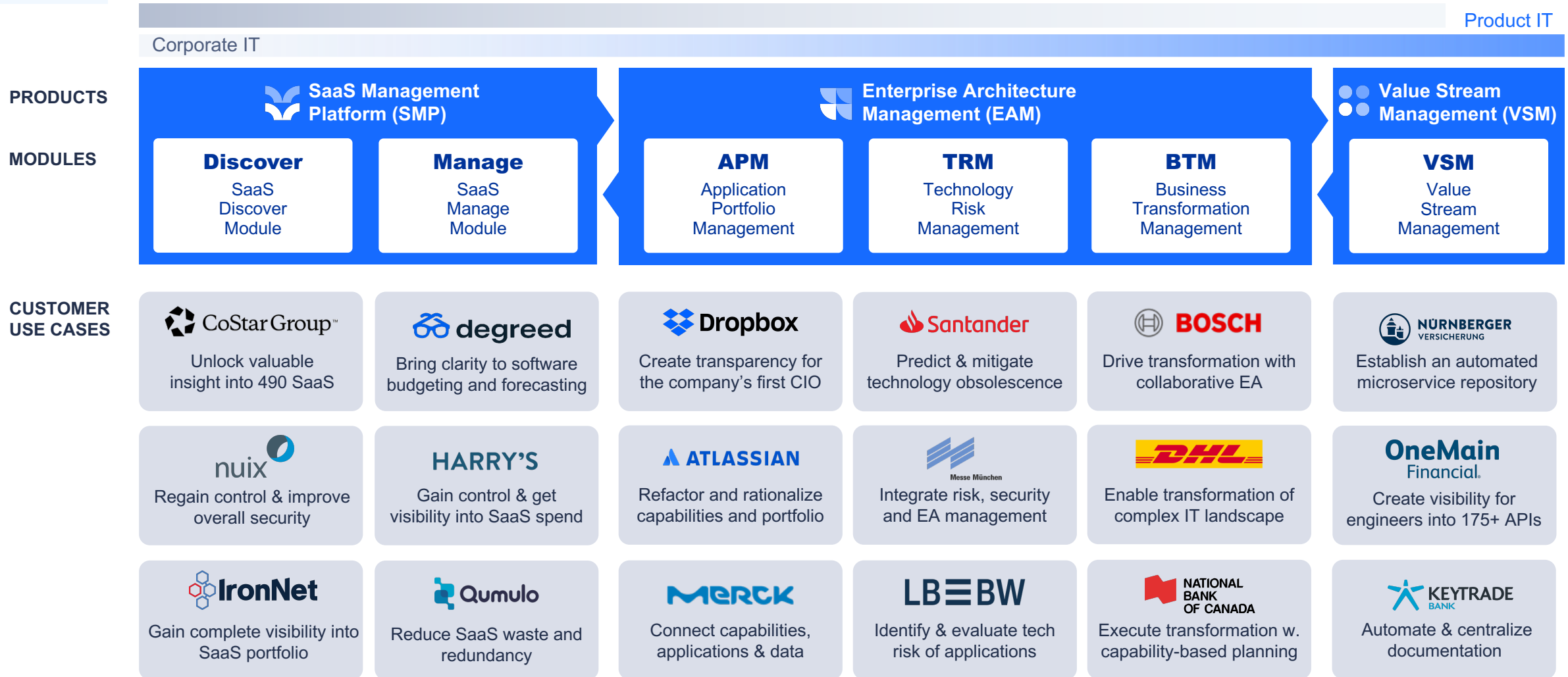
Enterprise Architecture Management (EAM)

Build reliable digital products faster



Value Stream Management (VSM)

# LeanIX Continuous Transformation Platform®



>500 Customers | >50 Global 500 Customers | >60 NPS | Gartner **Customer Choice 2021**

# The role of software development changed

2003: IT doesn't  
matter

2011: Software is  
eating the world

2019: Top priority for  
every kind of  
business\*



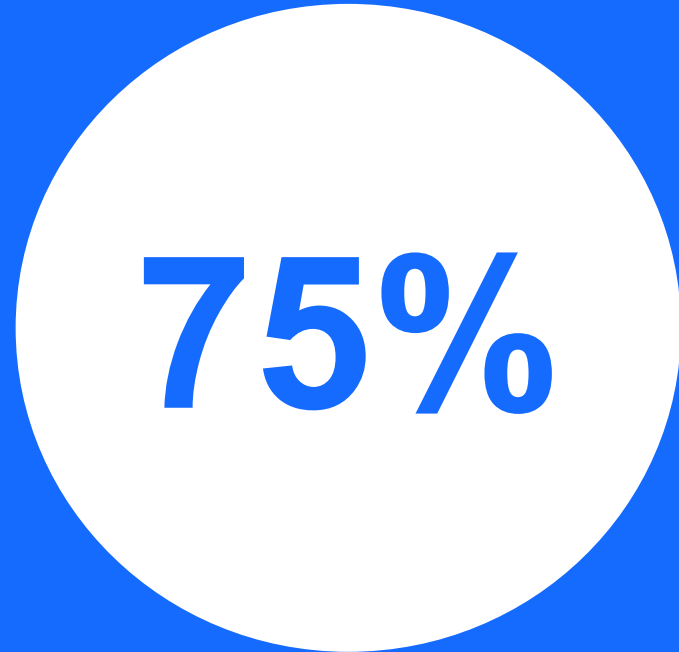
# War for talent ;-)

There capabilities would be around Data Collection, Data Transformation, Data Security, Data Governance, Data Catalog etc.

## Required Technical and Professional Expertise

- **Minimum 12+ years' experience in Kubernetes administration and management**
- Hands-on experience on setting up Kubernetes platform, deploying microservices and other web applications, and managing secure secrets along with container orchestration using Kubernetes

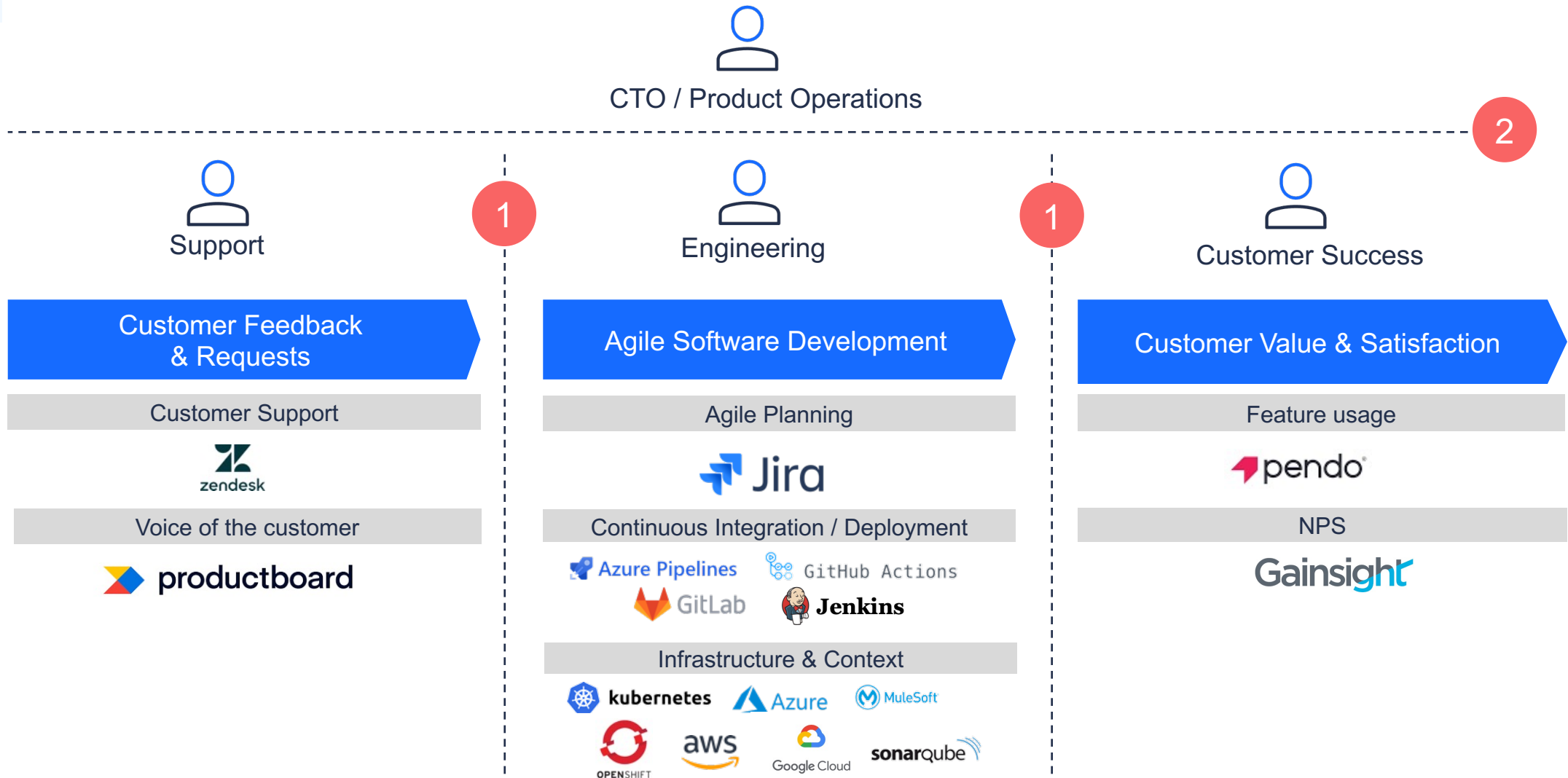
Through 2022



of DevOps initiatives will  
fail to meet expectations

- Identify the business justification
- Establish objectives and metrics
- Focus on constraints

# Reality today: Silos & missing end-to-end view



1 Decisions based on local, insufficient or misleading data

2 Leadership missing end-to-end view or relies on tedious data gathering



**Empowered to solve hard problems in ways their customer love**

**Inspired to discover valuable, usable, feasible & viable solutions**

**Establish trust with their teammates & the rest of the company**

**Need ongoing coaching on business context from leadership**

# Starting point: Integrated transparency

## Team

An empowered software engineering team

## Product

The outward facing software product

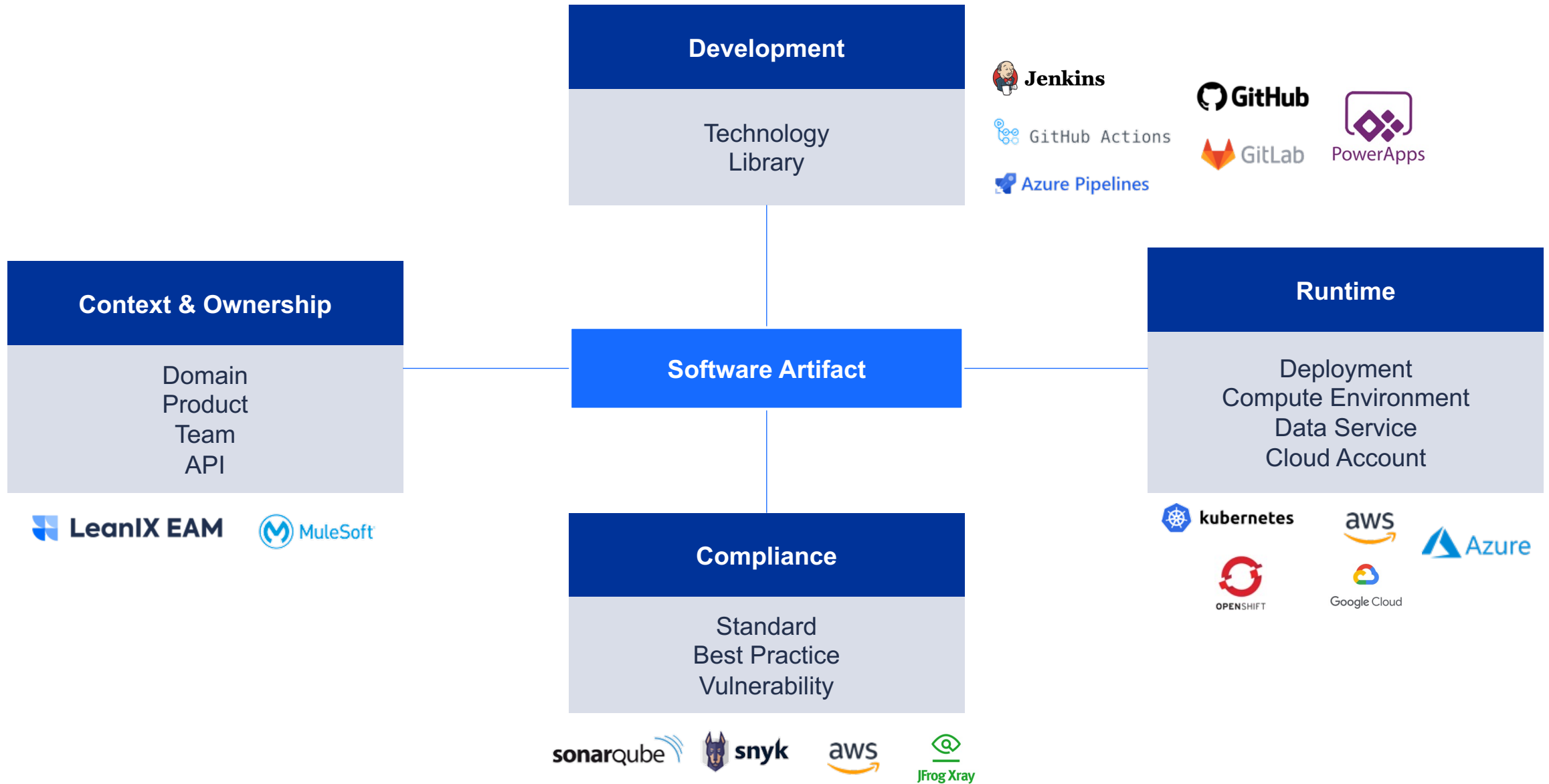
## Domain

The internal classification of the products, could be functional or technical

## Software Artifact

e.g. a Microservice, a 3<sup>rd</sup> party library, a legacy piece of software  
– anything that can be deployed & changed

# Starting point: Integrated transparency



# Three-level approach to integrations

Out of the box

Fully supported & operated by LeanIX

Tailored REST endpoints

Simple developer-friendly ways to call LeanIX, e.g.  
<https://docs-vsm.leanix.net/docs/cicd#cicd-rest-endpoint>

Integration API

Powerful, declarative API with support for mapping, logging, ...  
- see <https://docs-vsm.leanix.net/docs/apis-and-webhooks>

# Live Demo



# Dedicated UX for full empowerment



Engineering manager



Product manager



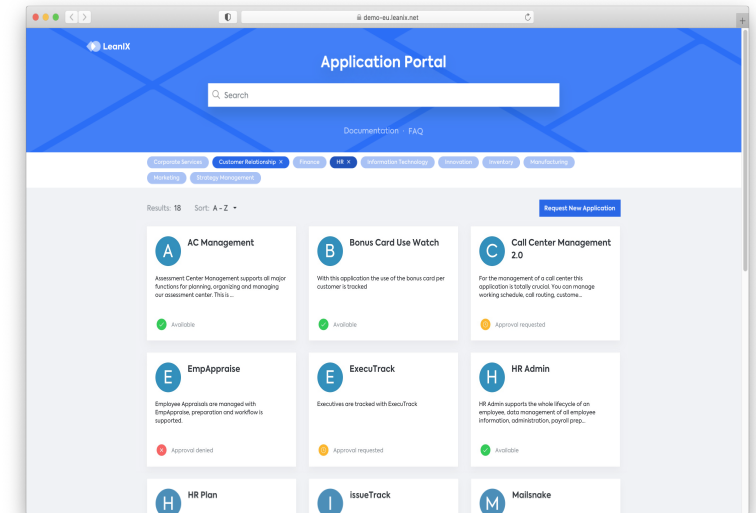
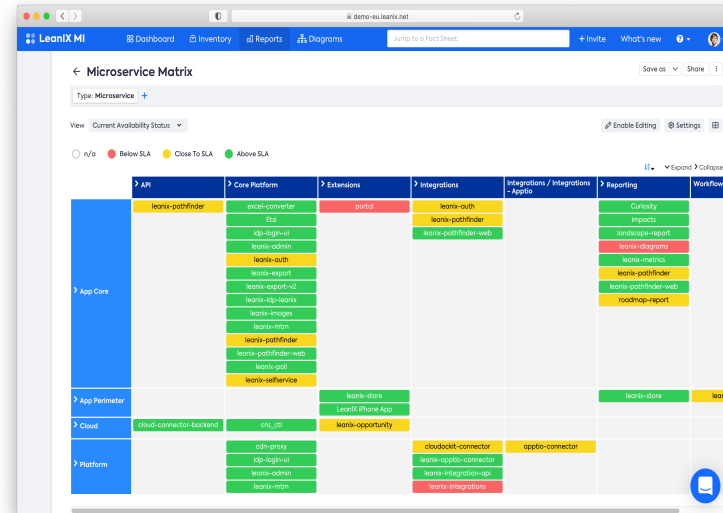
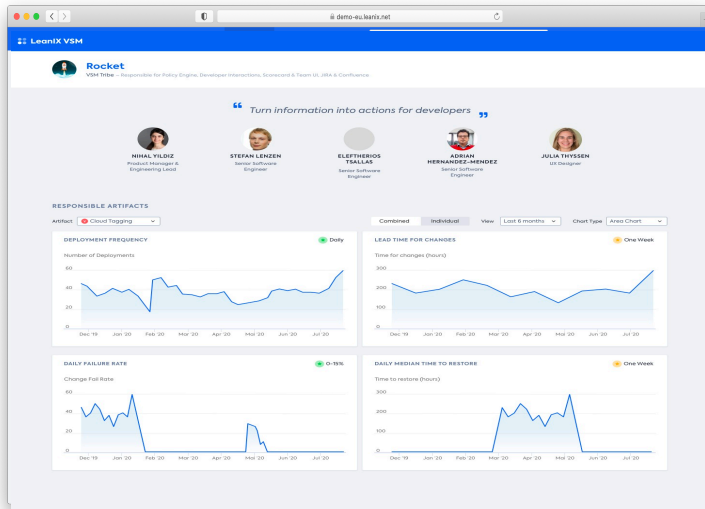
CTO



Admin / Product Operations



Stakeholder (e.g. citizen developer, support)







- Tailored, context-specific UI to manage & compare core KPIs (e.g. DORA)
- Focused governance support, e.g. for policies or vulnerabilities


- Powerful, proven catalog UI for full control, analysis & dashboarding
- Easy setup of ootb & custom integrations


- Tailored portals to find information & connect to people within seconds
- Highly adaptable without coding

# Target: Optimize DevOps Value Stream Metrics





-  **Deployment frequency**  
How often do we release to production
-  **Lead time**  
Time from commit to production
-  **Failure rate**  
% of deployments causing failure
-  **Mean time to recovery**  
Time to recover from a failure

 **Flow Velocity**  
Completed work over a period of time

 **Flow Time**  
Time from customer request to delivery

 **Flow Distribution**  
Current mix of items

 **Flow Efficiency**  
Distribution of items in work vs. waiting

 **Flow Load**  
Number of items actively worked on

# Outlook: Consistent flows on different levels



**Flow Velocity**  
Completed work over a period of time



**Flow Time**  
Time from customer request to delivery



**Flow Distribution**  
Current mix of items



**Flow Efficiency**  
Distribution of items in work vs. waiting



**Flow Load**  
Number of items actively worked on



**Q/A**

# Thank you!

## Try it yourself

Or contact us at: [dominik.rose@leanix.net](mailto:dominik.rose@leanix.net)  
[torben.jaster@leanix.net](mailto:torben.jaster@leanix.net)

