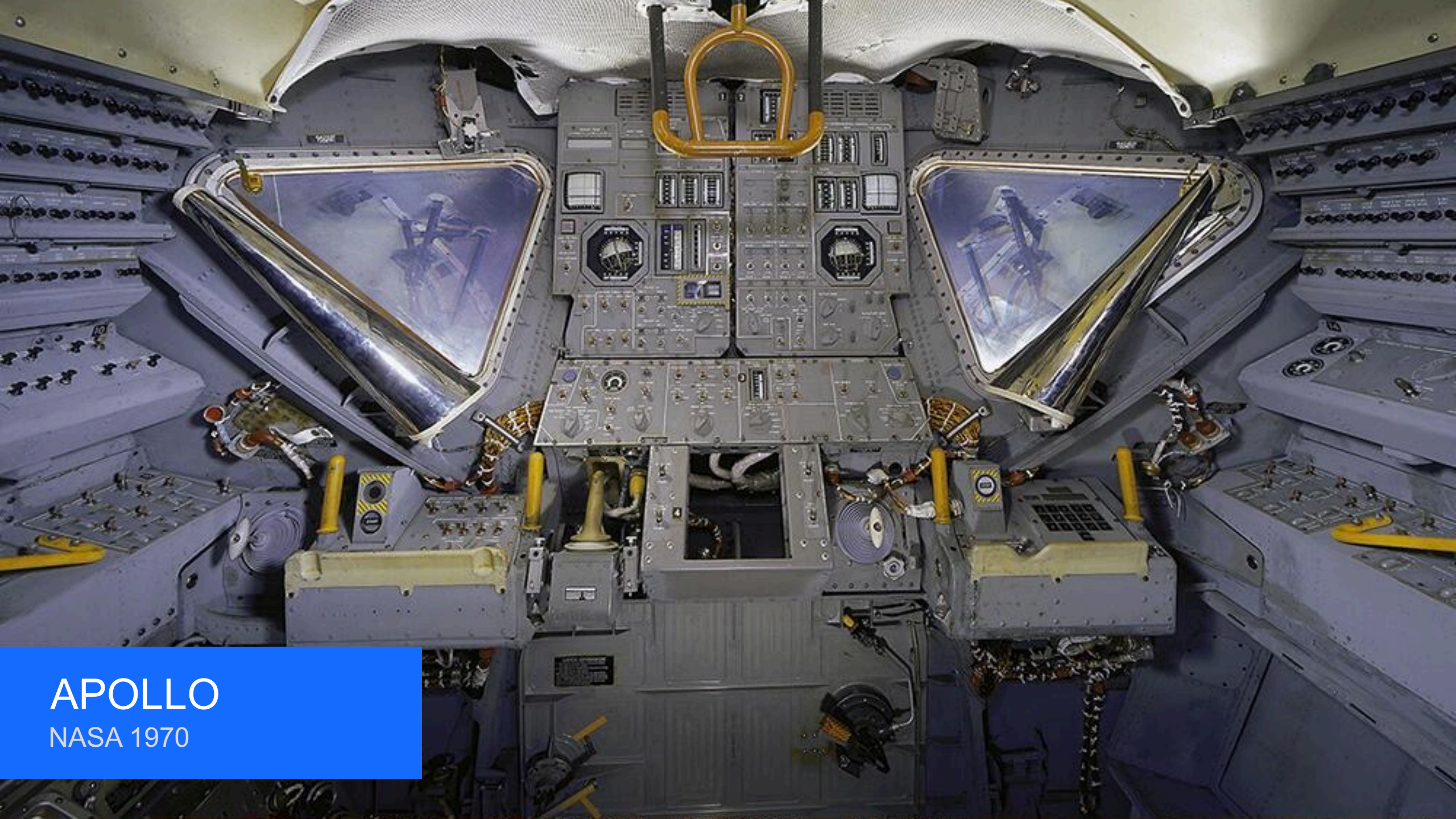
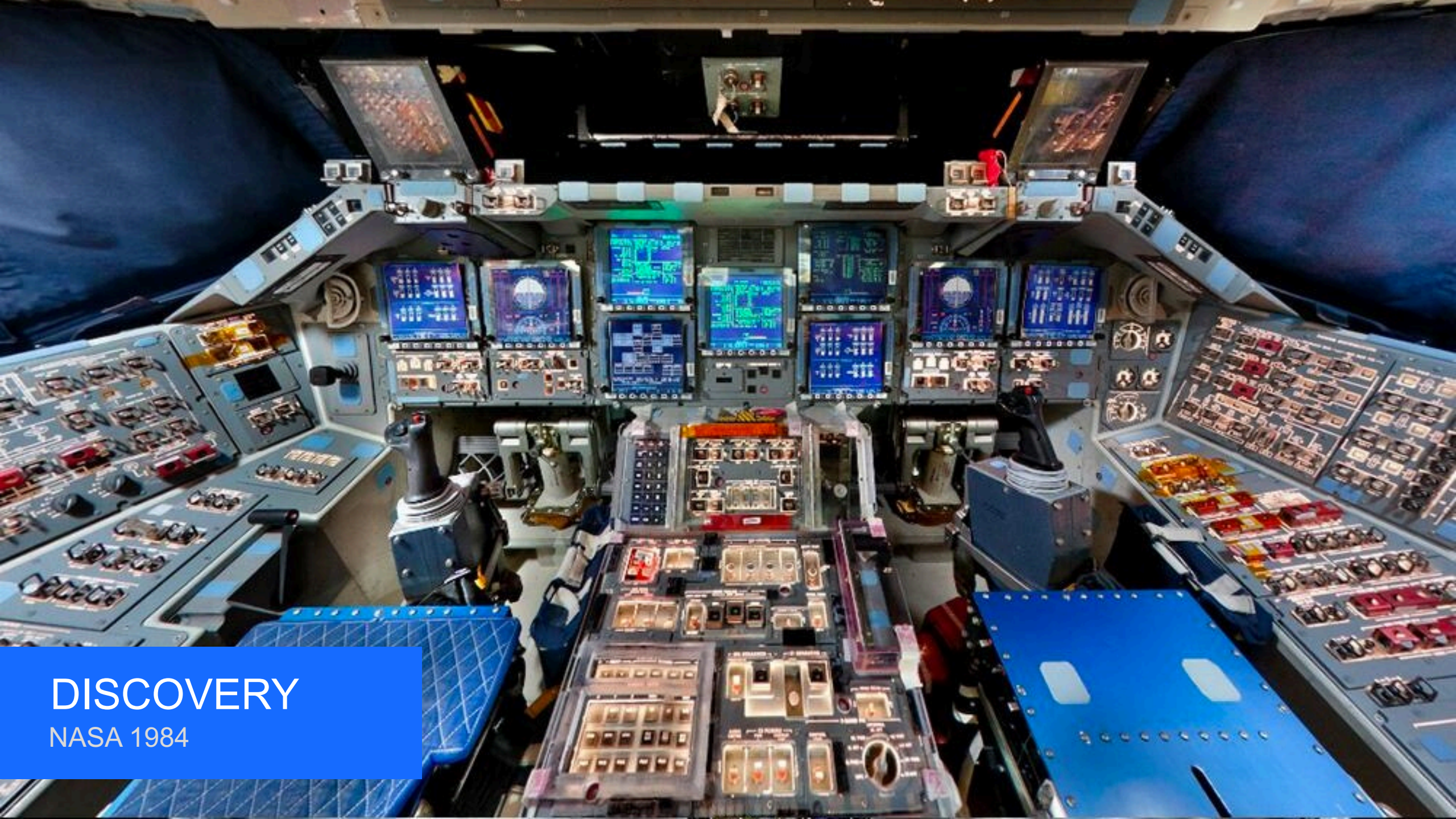


Future-Proof Enterprise Architecture in a World of Rapid Change

André Christ
CEO & Co-Founder



APOLLO
NASA 1970



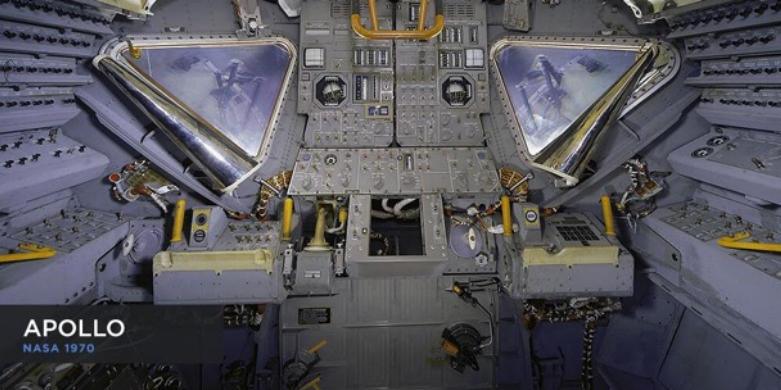
DISCOVERY

NASA 1984



DRAGON V2

SPACEX 2019




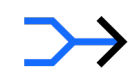



70%

of transformations fail

- Missing preparation when starting
- Lacking monitoring from ideation to implementation
- Late identification of constraints and risks

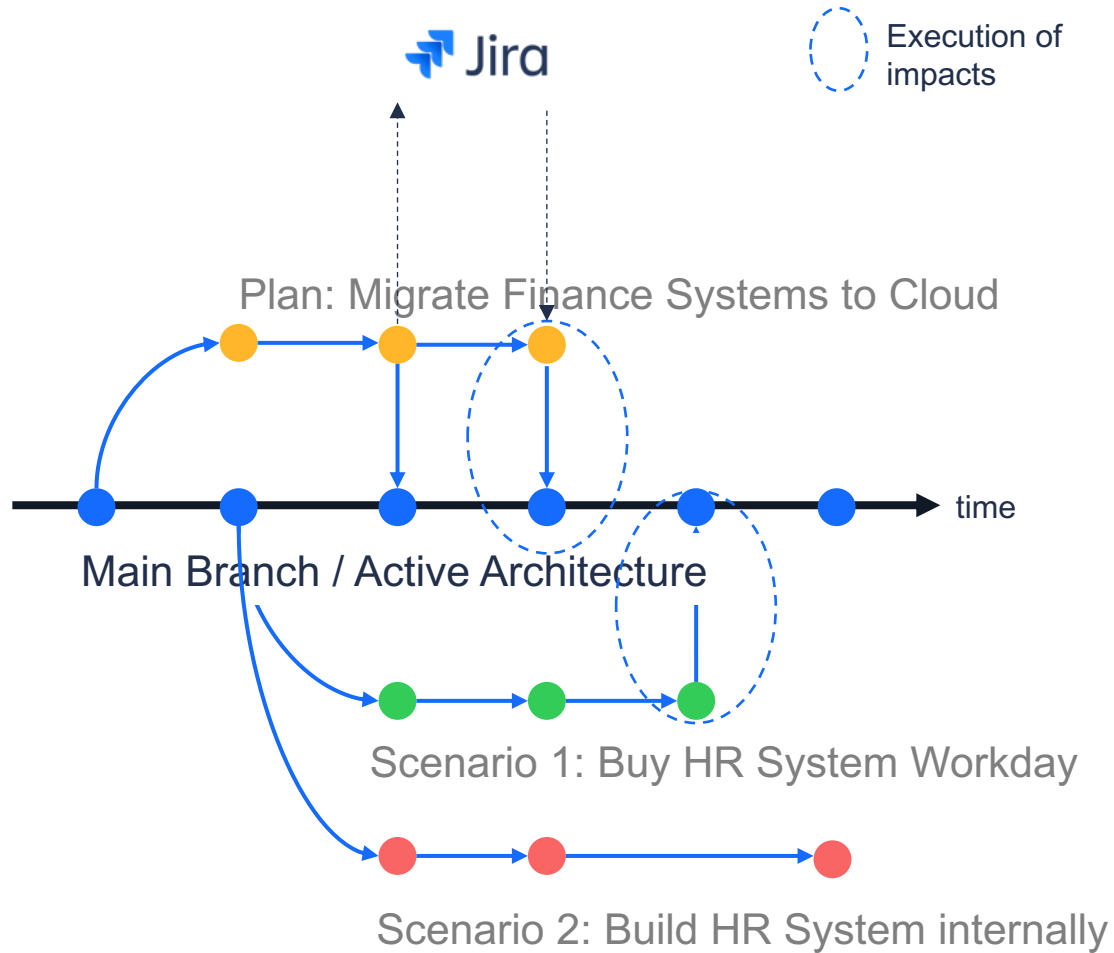
A high need to support transformations – now!

-  Migrate own data center to cloud
-  Rollout of global ERP system
-  Modernize monolithic IT landscape
-  Merge or carve-out business unit
-  Change operating model (e.g. Covid-19)

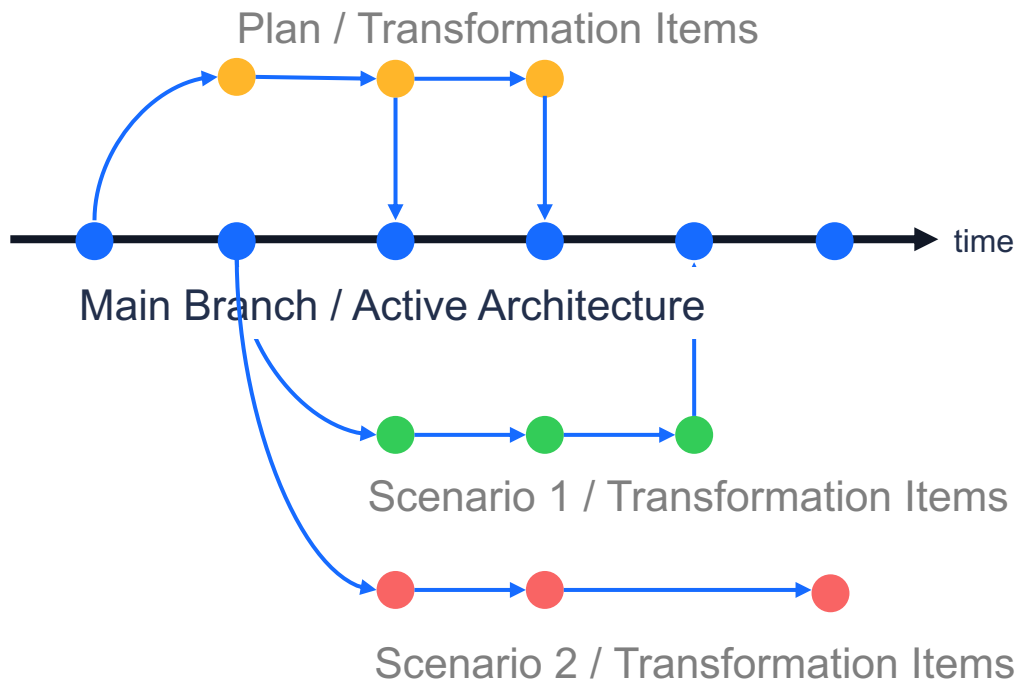
more ...

Business Transformation Management (BTM)

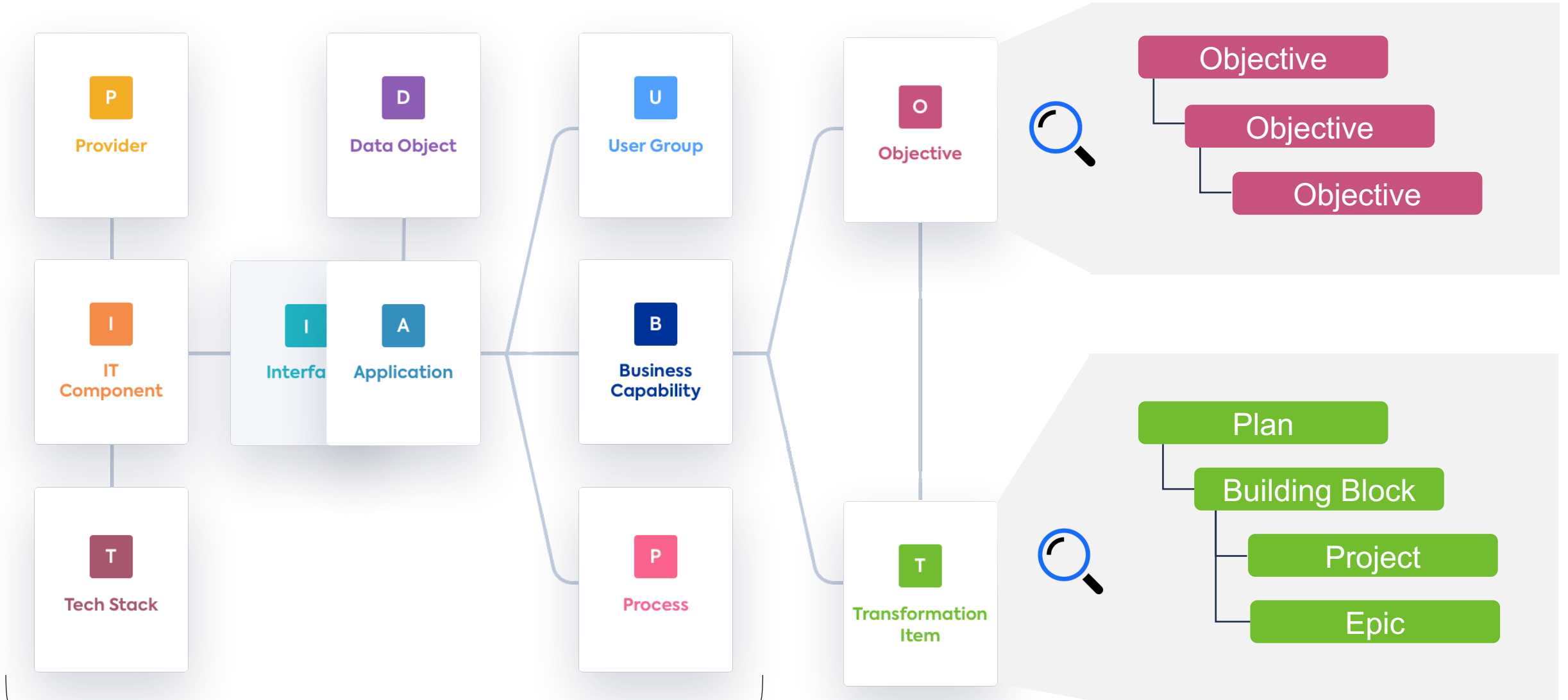
LeanIX is like GitHub for IT Roadmap Planning



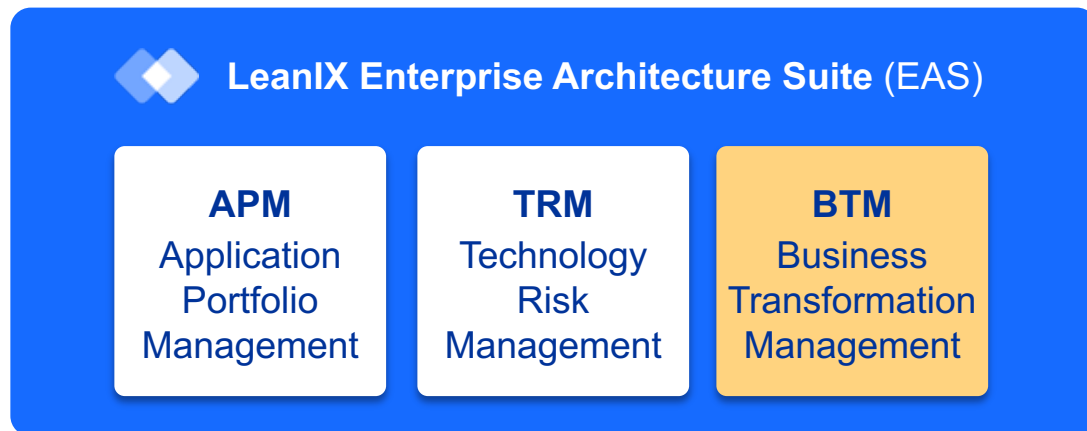
With LeanIX: Like GitHub and Time Machine



Extended data model for transformation



Visualize changes on current architecture by defining Impacts



Launching September 30th



Additional module in EA Suite



Additional costs for new module



**NATIONAL BANK
OF CANADA**

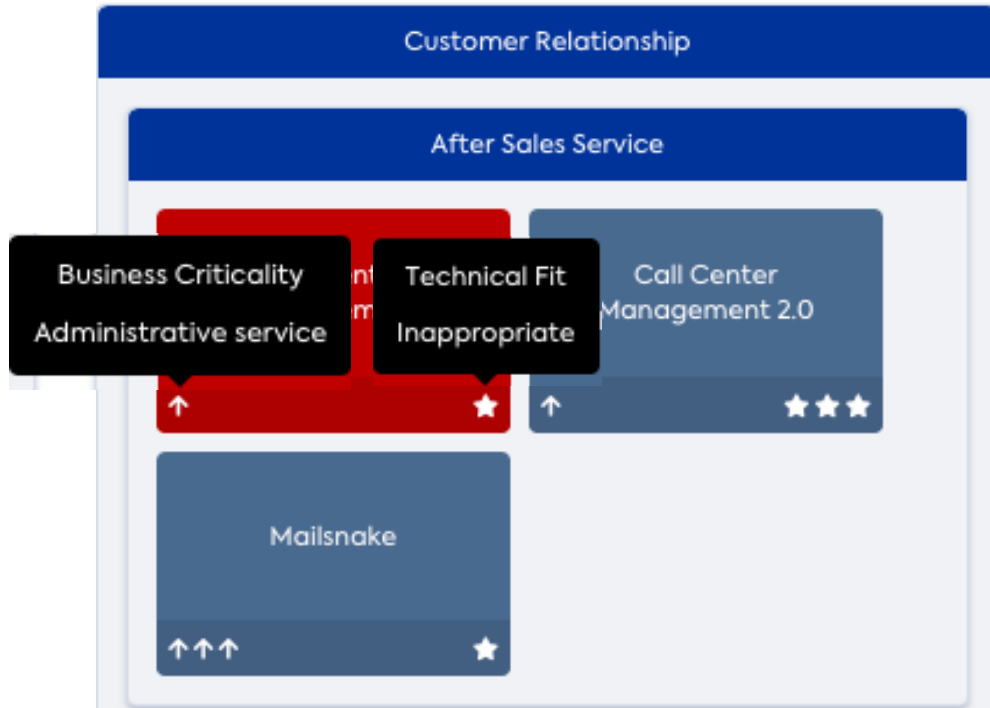
Kerfalla Touré

Enterprise Architect

“Having business people and IT working together is way simpler using a tool like BTM. I have successfully shown them that with the tool there’s a way to address all the interdependencies of initiatives regarding business capabilities.”

1

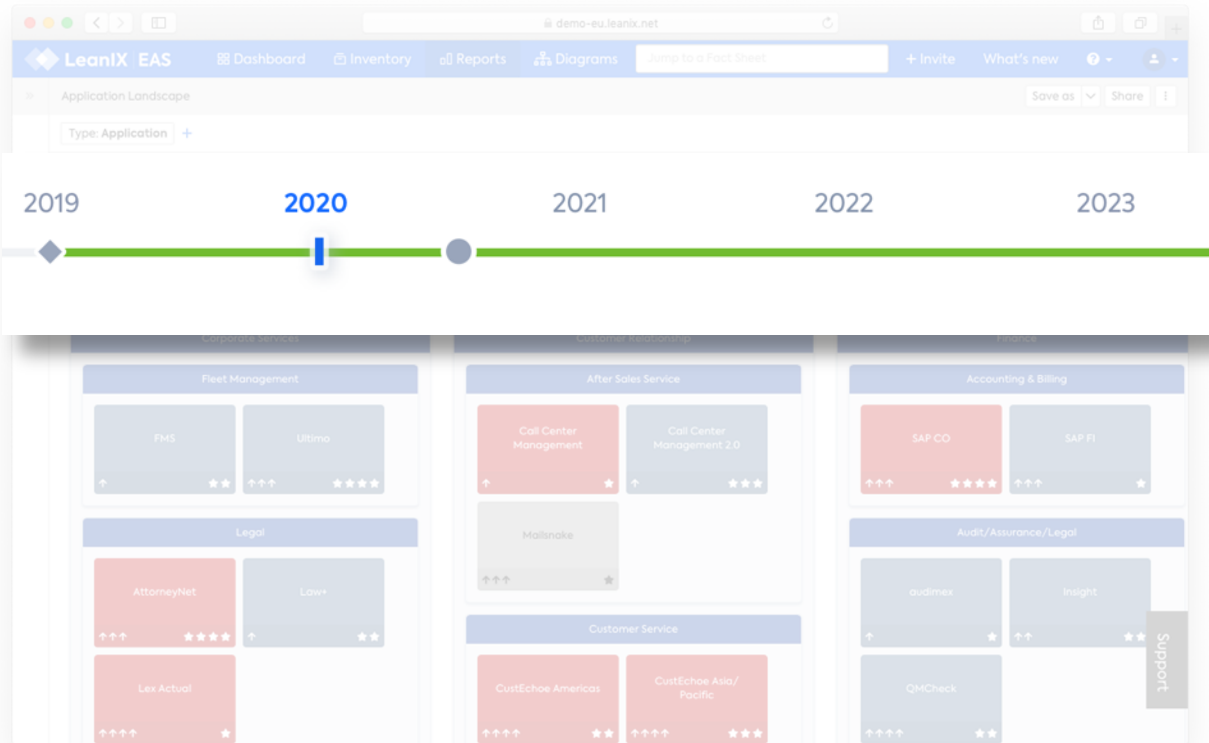
Improvements for All Customers



- Visualize additional attributes in
 - Business Capability Map
 - Application Landscape
- Make better decisions with more context

2

Improvements for All Customers

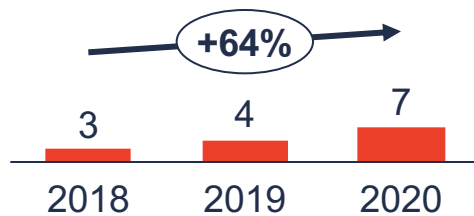
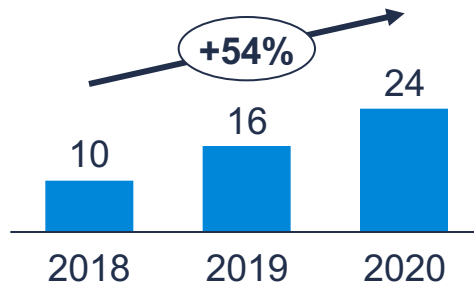
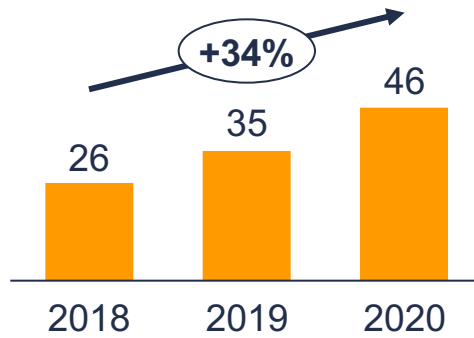


- New timeline slider for the Application Landscape report
- Navigate the lifecycles of applications
- See changes instantly

Example: Cloud Transformation

Accelerating cloud adoption requires action

Revenue in Bn \$



Cloud Migration



Cloud Governance

How to model cloud migration strategies (6Rs)?



Rehost	<i>“Lift-and-shift”</i>
Replatform	<i>“Lift-tinker-and-shift”</i>
Repurchase	<i>“Move to SaaS”</i>
Refactor	<i>“Rewrite as Microservices”</i>
Retire	<i>“Get rid of”</i>
Retain	<i>“Do nothing”</i>

How to keep visibility, governance & speed?



Missing
Visibility

“We discovered >120 AWS accounts we did not know about”

Uncontrolled
Cost & Risk

“We had 20 Virtual Machines leading to \$25k per month without any use”

Slow
Response Times

“It took us 5 days to figure out the owner of the cloud account before fixing an issue”

End-to-end cloud transformation & governance



x Details follow

Assess Cloud Readiness

- 1 Build inventory & collect data in survey
- 2 Analyze migration strategy by Application

Plan & Execute Migration

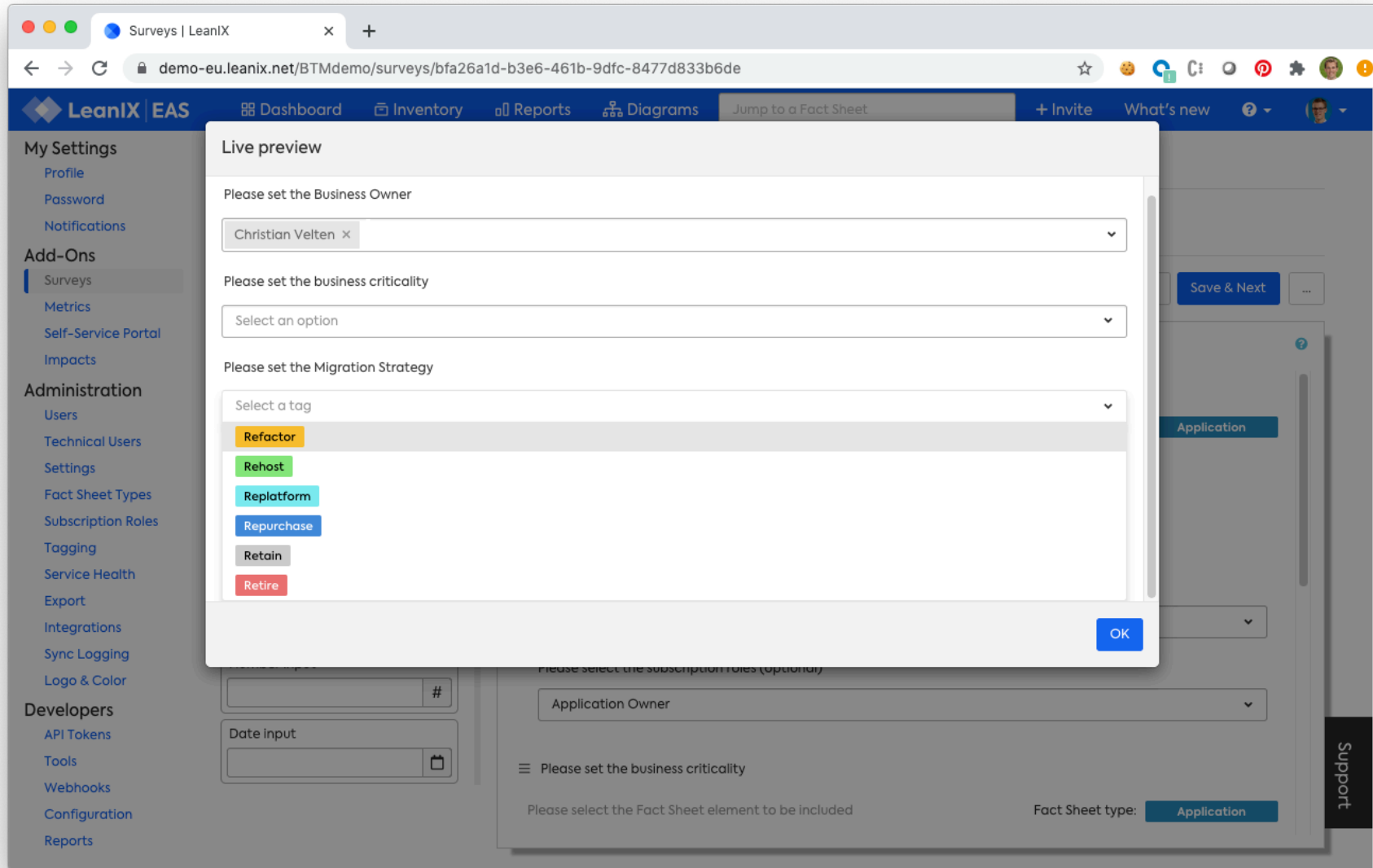
- 3 Model implementation of migration (6Rs) as impact
- 4 Align dependencies in transformation roadmap
- 5 Project the future state of the app landscape

New BTM-Module

Establish Cloud Governance

- 6 Track aggregated Cloud KPIs on dashboard
- 7 View details & violations for cloud services
- 8 Mitigate architecture issues (i.e. tech risk)

1 Build inventory & collect data in survey



The screenshot displays the LeanIX EAS interface. A 'Live preview' dialog box is open, prompting the user to configure a survey. The dialog contains the following fields:

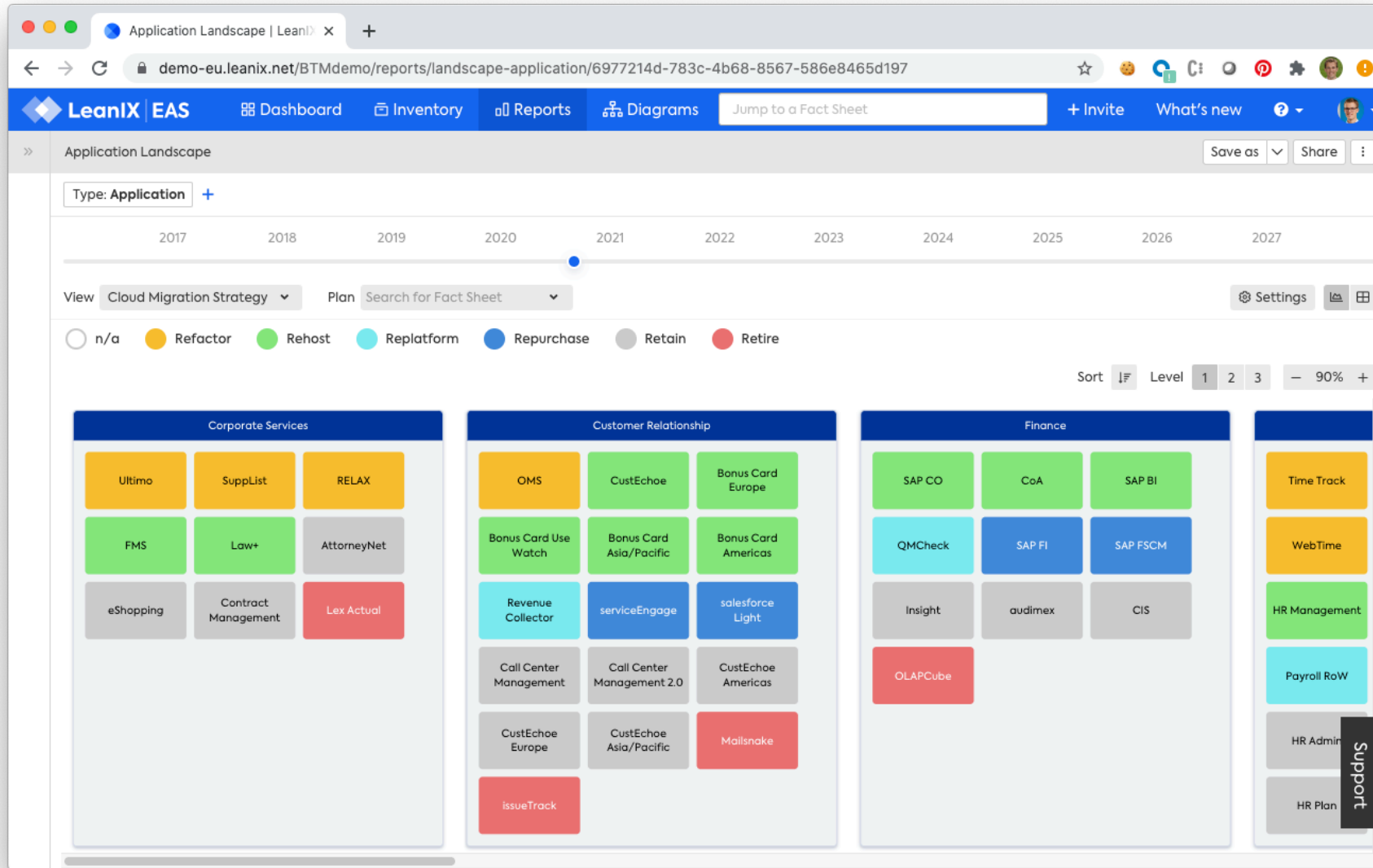
- Please set the Business Owner:** A dropdown menu with 'Christian Velten' selected.
- Please set the business criticality:** A dropdown menu with 'Select an option' selected.
- Please set the Migration Strategy:** A dropdown menu with a list of migration strategies: Refactor (highlighted in yellow), Rehost (green), Replatform (cyan), Repurchase (blue), Retain (grey), and Retire (red).

The background shows the main survey configuration page with the following fields:

- Application Owner:** A dropdown menu with 'Application Owner' selected.
- Please set the business criticality:** A dropdown menu.
- Fact Sheet type:** A dropdown menu with 'Application' selected.

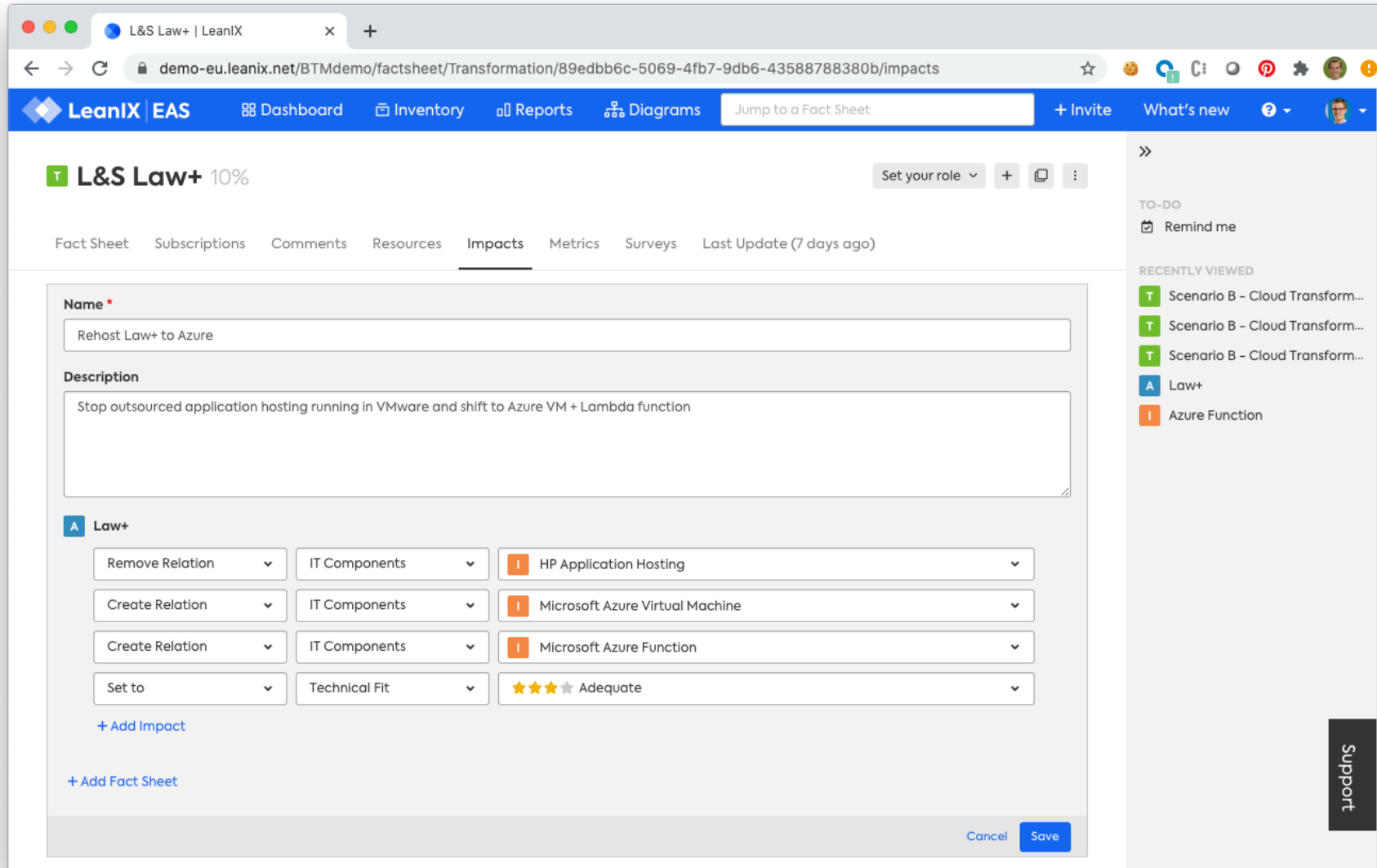
- **Subscriptions**
e.g. Application Owner
- **Fact Sheet Fields**
e.g. Business Criticality
- **Tag Group**
e.g. “6R”-Migration Strategy

2 Analyze migration strategy by application



- Refactor
- Rehost
- Replatform
- Repurchase
- Retain
- Retire

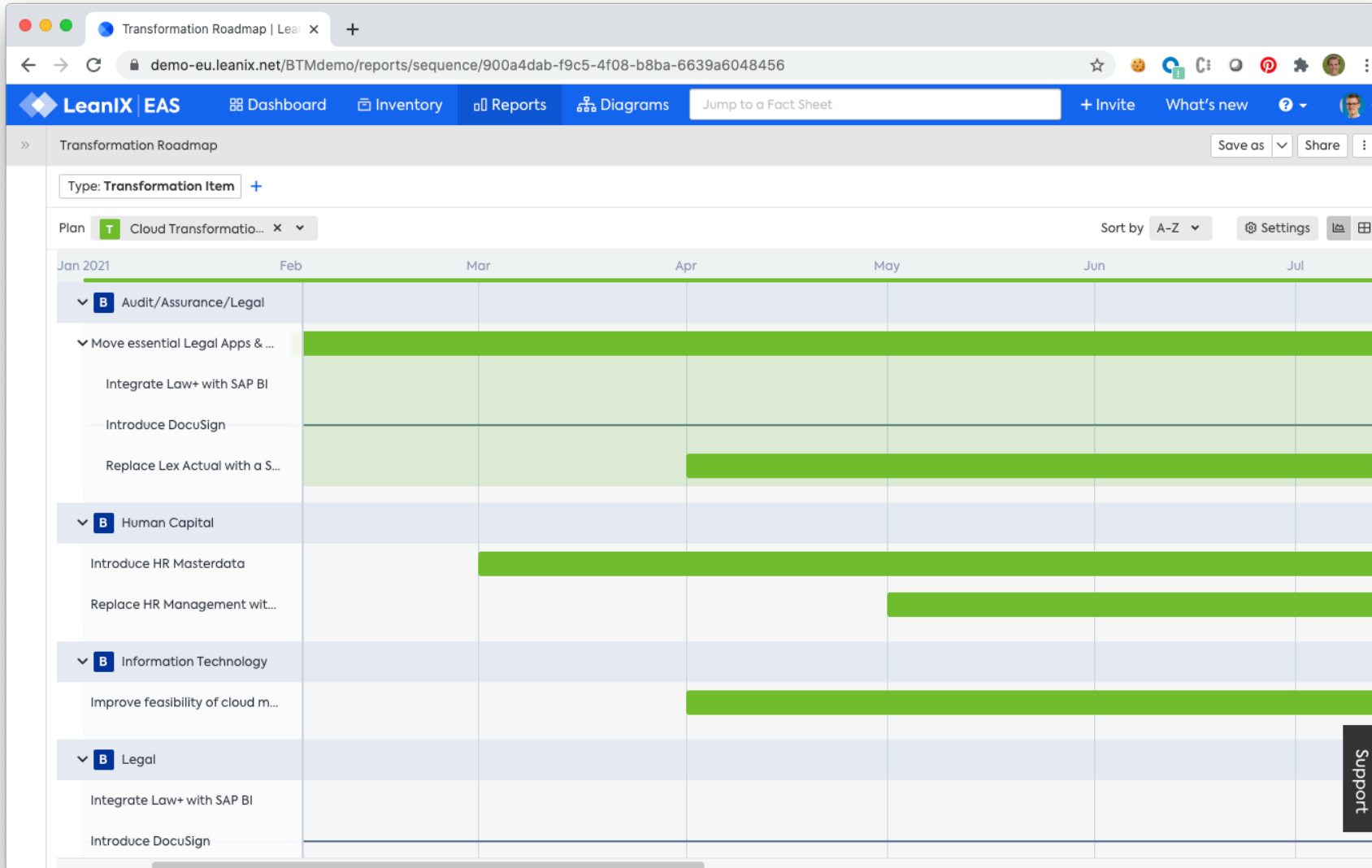
3 Model migration strategy as impact



The screenshot shows the LeanIX EAS interface for editing an impact. The browser address bar shows the URL: `demo-eu.leanix.net/BTMdemo/factsheet/Transformation/89edbb6c-5069-4fb7-9db6-43588788380b/impacts`. The navigation bar includes 'LeanIX EAS', 'Dashboard', 'Inventory', 'Reports', 'Diagrams', and a search bar for 'Jump to a Fact Sheet'. The main content area shows the impact details for 'L&S Law+ 10%'. The 'Name' field contains 'Rehost Law+ to Azure' and the 'Description' field contains 'Stop outsourced application hosting running in VMware and shift to Azure VM + Lambda function'. Below the description, there are four rows of impact configuration, each with a 'Remove Relation' or 'Create Relation' dropdown, an 'IT Components' dropdown, and a specific impact type dropdown. The first row is 'HP Application Hosting', the second is 'Microsoft Azure Virtual Machine', and the third is 'Microsoft Azure Function'. The fourth row is 'Adequate' with a 4-star rating. There are '+ Add Impact' and '+ Add Fact Sheet' buttons at the bottom left, and 'Cancel' and 'Save' buttons at the bottom right. A 'Support' button is visible in the bottom right corner of the interface.

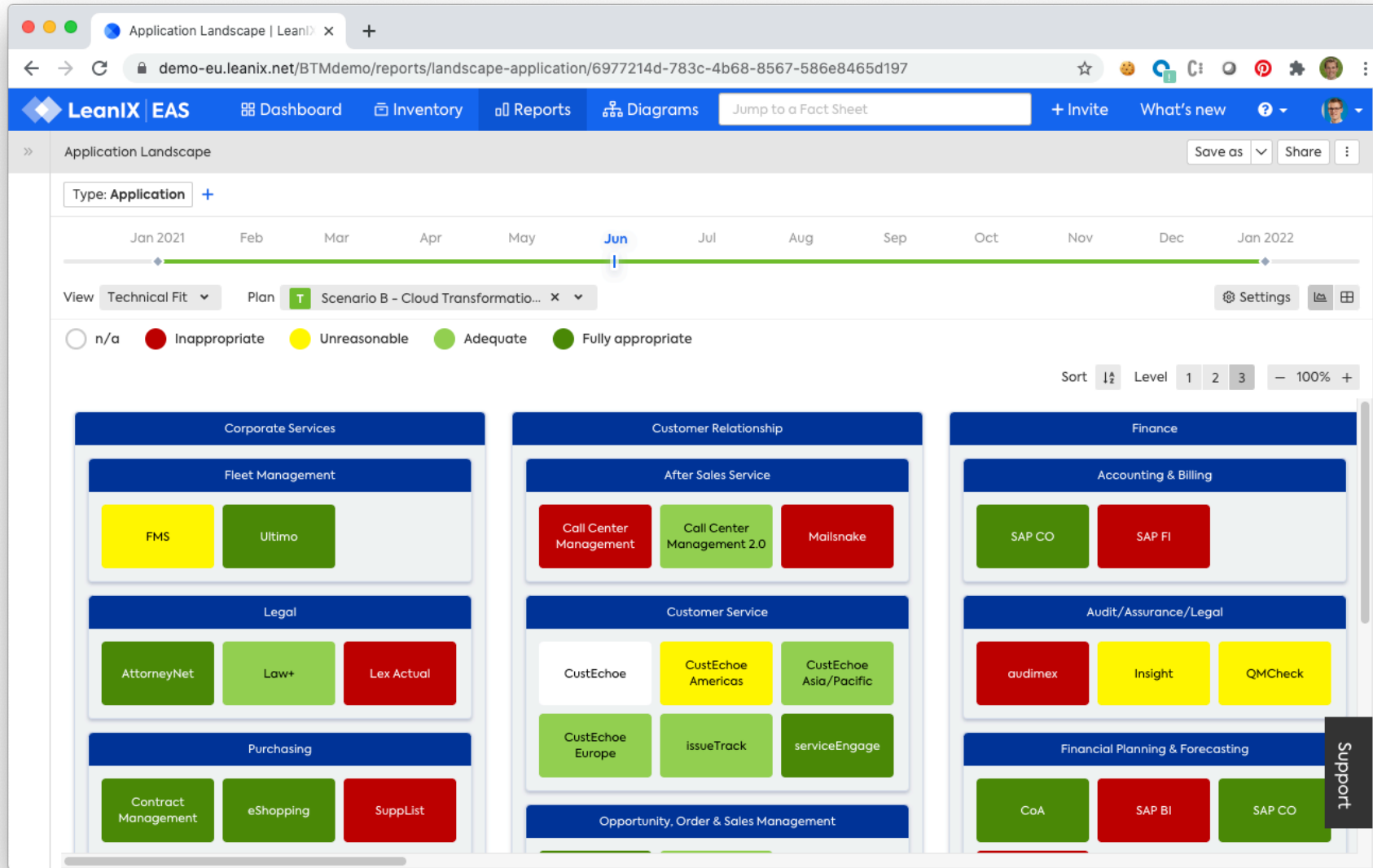
- Refactor
- Rehost
- Replatform
- Repurchase
- Retain
- Retire

4 Align dependencies in transformation roadmap



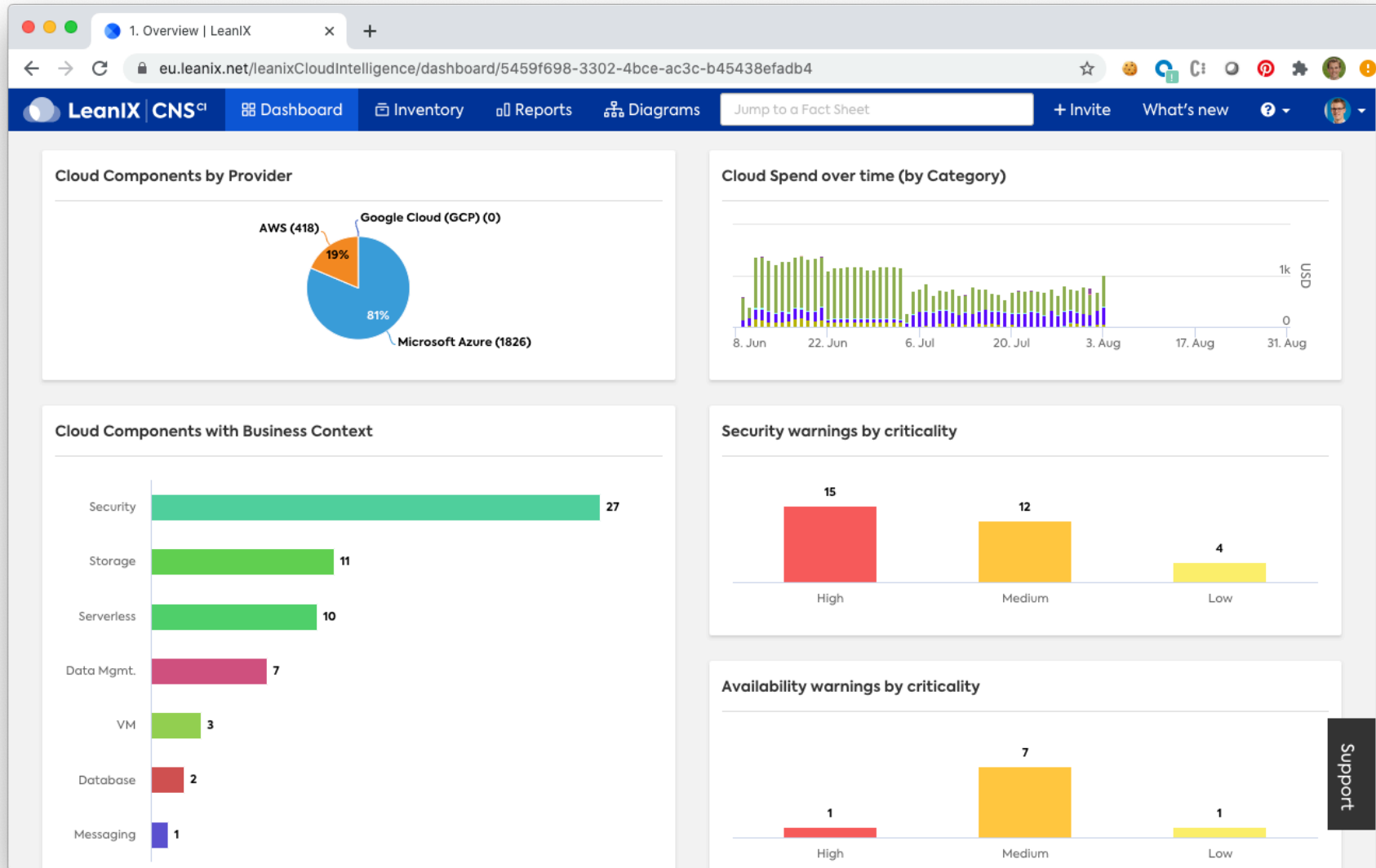
- See dependencies to other projects & epics
- Grouped by
 - Business Capability
 - Objectives

5 Project the future state of the app landscape



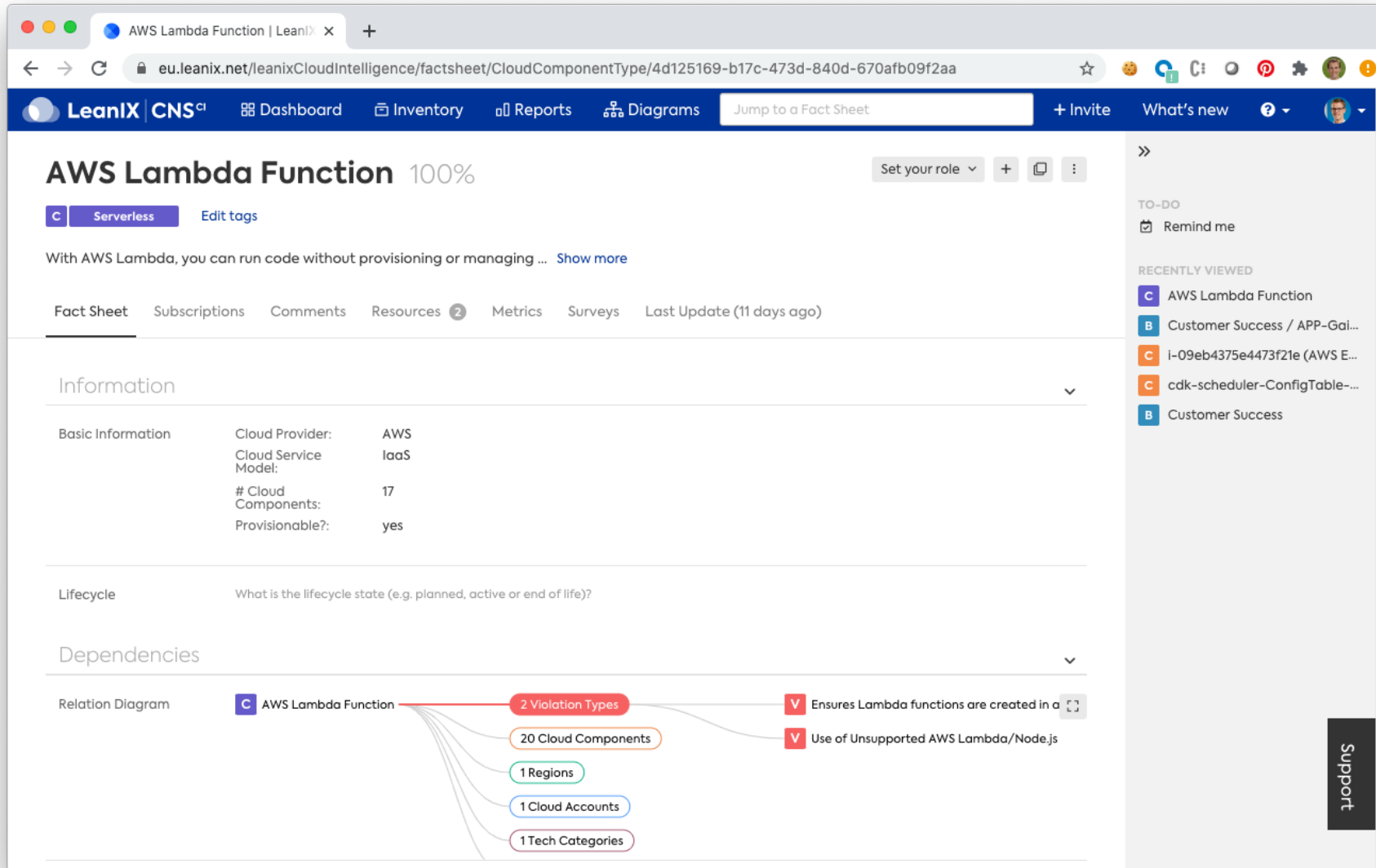
- Select transformation plan
- Jump to timestamp
- See changes in heatmap

6 Track aggregated cloud KPIs on dashboard



- Cloud Services by Provider
- Costs per Cloud Service Type
- Link to Applications
- Security Warnings
- Accounts without Responsible
- ... and more

7 View details & violations for cloud services



The screenshot shows the LeanIX interface for an AWS Lambda Function. The page title is "AWS Lambda Function 100%". The navigation bar includes "LeanIX CNS", "Dashboard", "Inventory", "Reports", "Diagrams", and a search bar. The main content area is divided into sections: "Information", "Lifecycle", "Dependencies", and "Relation Diagram".

Information

Basic Information	Cloud Provider:	AWS
	Cloud Service Model:	IaaS
	# Cloud Components:	17
	Provisionable?:	yes

Dependencies

Relation Diagram

- 2 Violation Types
 - Ensures Lambda functions are created in a
 - Use of Unsupported AWS Lambda/Node.js
- 20 Cloud Components
- 1 Regions
- 1 Cloud Accounts
- 1 Tech Categories

- Cloud Service Properties (e.g. Instance Type)
- Technology Lifecycle
- Tags, Region
- Business Context: Application
- Mapping to Technology Business Management (TBM) Classification
- Violations

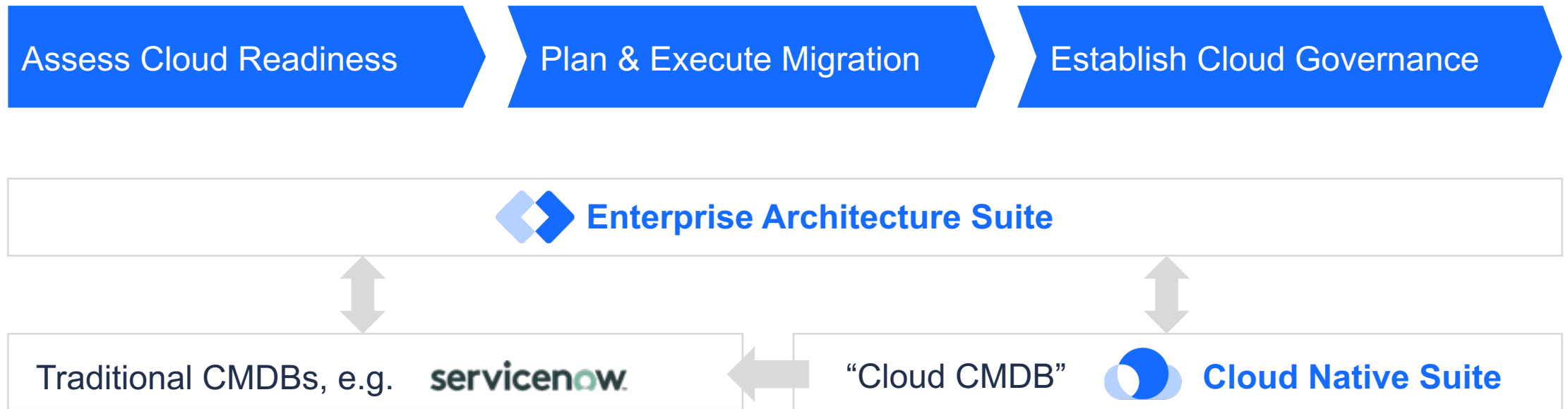
8 Mitigate architecture issues (i.e. tech risk)



A screenshot of the LeanIX Gainsight interface. The browser address bar shows the URL: demo-eu.leanix.net/easForCNS/factsheet/Application/34aa209c-36c5-4890-af52-97513535ef61. The navigation bar includes 'LeanIX | EAS', 'Dashboard', 'Inventory', 'Reports', 'Diagrams', a search box for 'Jump to a Fact Sheet', '+ Invite', and 'What's new'. The main content area displays 'Gainsight 15%' with a 'Check needed' alert and 'Set your role' dropdown. Below this, there are tabs for 'Fact Sheet', 'Subscriptions', 'Comments', 'Resources', 'Metrics', 'Surveys', and 'Last Update (5 months ago)'. The 'IT Components (7)' section is active, showing a list of services categorized by 'Cloud Account (1)', 'Cloud Region (1)', and 'IaaS (2)'. The components listed are: 'Amazon, Inc. / AWS AWS 129263247607' (cloud), 'Amazon, Inc. / AWS EU Central (Frankfurt)' (cloud), 'Amazon, Inc. / AWS Lambda (node.js 8)' (cloud), and 'Amazon, Inc. / AWS S3' (cloud). A 'Support' button is visible in the bottom right corner of the interface.

- Aggregation by Application
- Grouped Cloud Components by Provider & Region
- Outdated Technology Lifecycles

End-to-end, data-driven cloud journey



LeanIX Platform & Strategy

Covering your full transformation journey

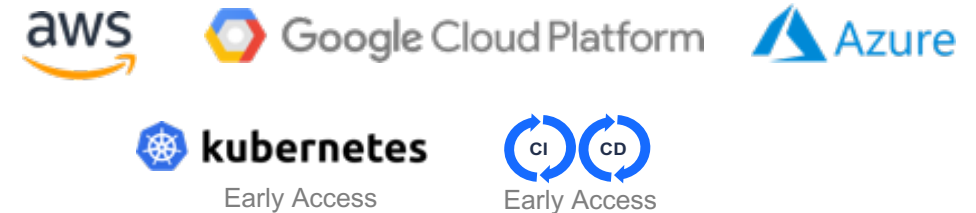
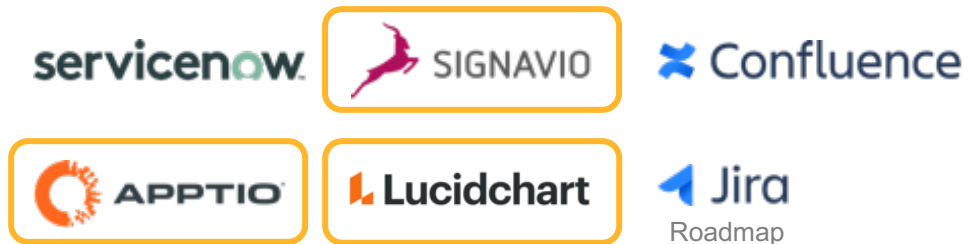
On-Prem /
Monolith



Transformation
Journey



Cloud-Native /
Microservices





Enterprise Architecture Suite

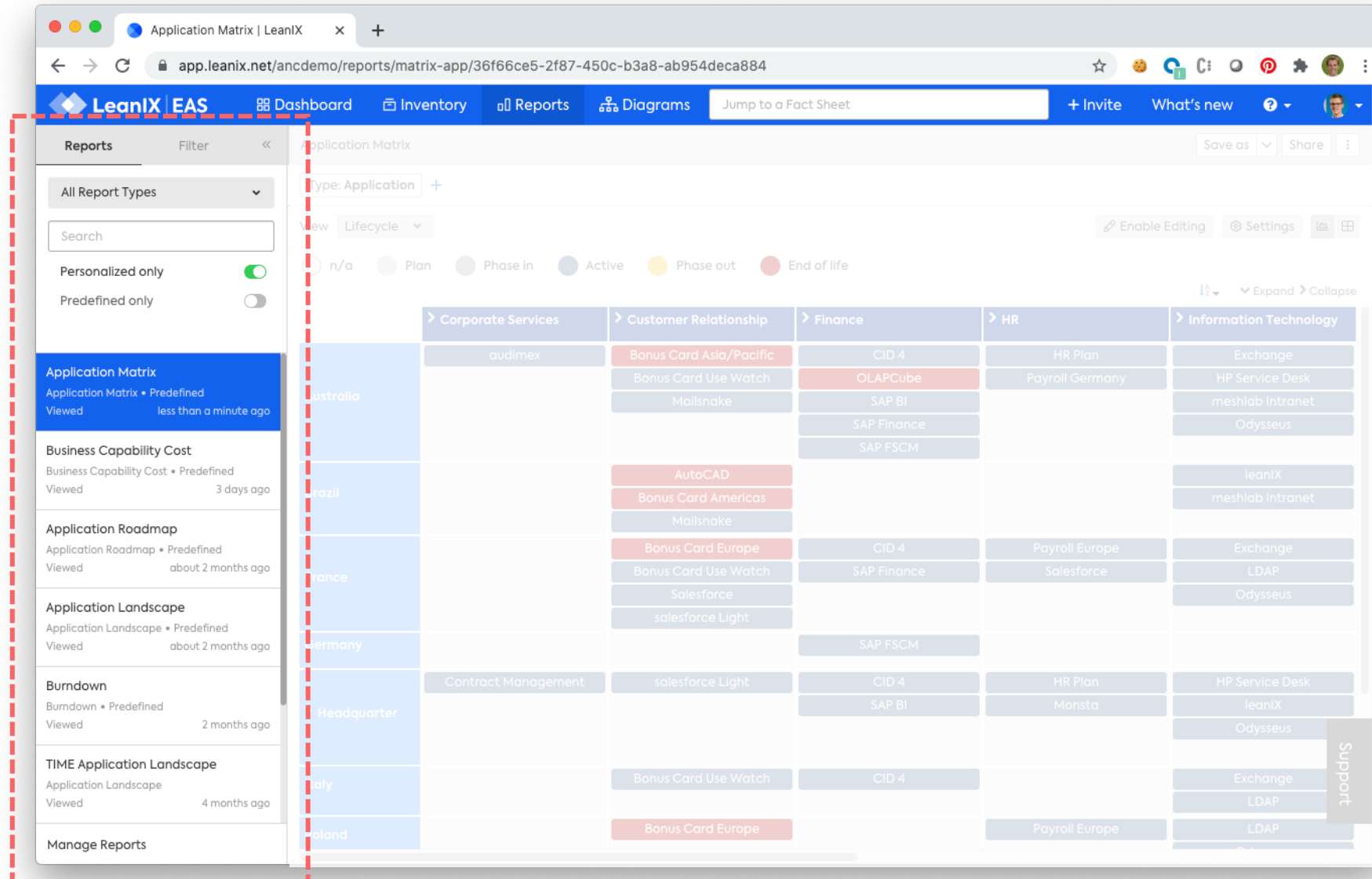
- Approval Workflows, e.g. new Application
- Application Rationalization Workflow
- Replace Technology Risk due to Lifecycle
- ...



Cloud Native Suite

- Control Tagging Strategy
- Cost Thresholds & Alerting
- Open Source License & Vulnerability
- ...

Excellence in Detail: Issues in Report Navigation



The screenshot shows the LeanIX EAS interface. The top navigation bar includes 'LeanIX EAS', 'Dashboard', 'Inventory', 'Reports', and 'Diagrams'. The 'Reports' section is highlighted with a red dashed box. The main content area displays an 'Application Matrix' report. The report is filtered by 'Type: Application' and 'View: Lifecycle'. The matrix shows applications categorized by lifecycle phase (Plan, Phase in, Active, Phase out, End of life) and business unit (Australia, Brazil, France, Germany, Headquarter, Italy, Poland). The matrix is organized into columns for Corporate Services, Customer Relationship, Finance, HR, and Information Technology. A 'Support' button is visible on the right side of the matrix.

Business Unit	Corporate Services	Customer Relationship	Finance	HR	Information Technology
Australia	audimex	Bonus Card Asia/Pacific Bonus Card Use Watch Mailsnake	CID 4 OLAPCube SAP BI SAP Finance SAP FSCM	HR Plan Payroll Germany	Exchange HP Service Desk meshlab Intranet Odysseus
Brazil		AutoCAD Bonus Card Americas Mailsnake			leanIX meshlab Intranet
France		Bonus Card Europe Bonus Card Use Watch Salesforce salesforce Light	CID 4 SAP Finance	Payroll Europe Salesforce	Exchange LDAP Odysseus
Germany			SAP FSCM		
Headquarter	Contract Management	salesforce Light	CID 4 SAP BI	HR Plan Monsta	HP Service Desk leanIX Odysseus
Italy		Bonus Card Use Watch	CID 4		Exchange LDAP
Poland		Bonus Card Europe		Payroll Europe	LDAP

UX Study: New Reporting Navigation

Dashboard Inventory **Reporting** Diagrams

+ Create new report

Report type: All Use Cases: All +

Search

Sort by relevance

REPORTS

- All reports
- Landscape
- Matrix
- Portfolio
- Circle Map
- Cost Reports
- World Map

+ Add Reports from LeanIX Store

PERSONAL

- Shared with me (12)
- Recently used
- Created by me
- Favourites


USE CASES

- Business Transformation
- Integration Architecture
- Portfolio Management
- Risk Management

All reports


LANDSCAPE

Application Landscape



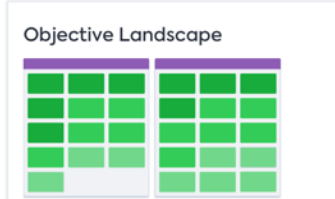
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

Business Capability Map




Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

Objective Landscape



Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

Transformation Landscape

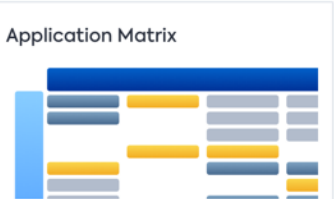


Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

4 Default reports - 23 User reports [show all](#)


MATRIX

Application Matrix



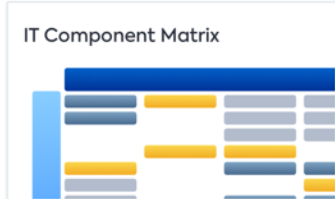
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

Provider Matrix



Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

IT Component Matrix



Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore ...

3 Default reports - 41 User reports [show all](#)



Certified Enterprise Architecture Practitioner

LEVEL 1

Fundamental knowledge of core
Enterprise Architecture Use Cases &
LeanIX EA Suite

Co-Founder & CEO, André Christ



Powered by LeanIX Academy



Online



Certified Enterprise Architecture Associate

LEVEL 2

In depth knowledge & best practices on stakeholder specific use cases: Application Portfolio Management, Application Rationalization & Technology Risk Management.

Co-Founder & CEO, André Christ



Powered by LeanIX Academy



Tomorrow

LeanIX Certification Overview



Enterprise Architecture

Cloud Native

Specialty

Professional Level

LeanIX
EA Professional

LeanIX
CN Professional

LeanIX
Specialist

Associate Level

LeanIX
EA Associate



LeanIX
CN Associate

LeanIX
Specialty Associate

Practitioner Level

LeanIX EA
Practitioner

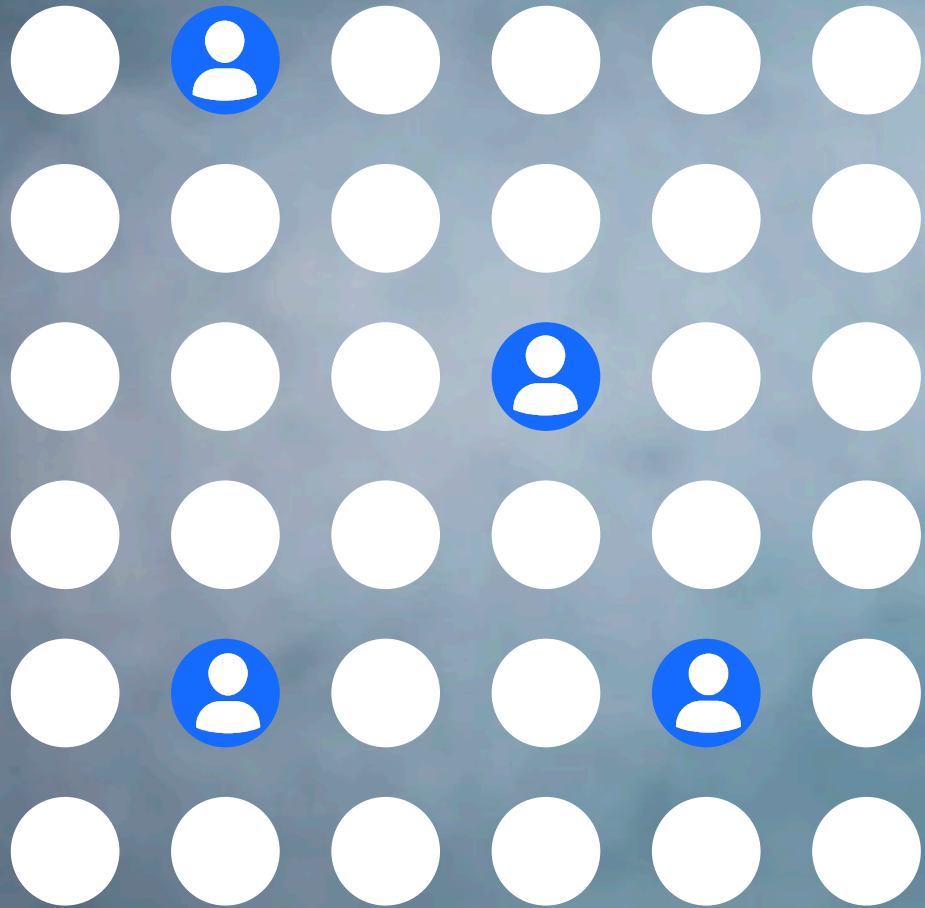
LeanIX CN
Practitioner

 Coming next
 Available today



Further Need for Transformation

We must do better – together!





Enjoy
EA Connect Days!



#EAConnectDays



Slack Group