

# THE NEXT BIG THING

André Christ  
Co-CEO LeanIX



Better ... 😊

# It is an incredible journey for us



Hochschule Reutlingen  
Reutlingen University

2012



KUEHNE+NAGEL



TRUSTED SHOPS®  
The trustmark with buyer protection



PITCHER PARTNERS

2013

axel springer

Together  
ahead. RUAG

helvetia

RWE

badenova  
*Energie. Tag für Tag*



2014

MERCK

zalando

BSS  
Beiersdorf Shared Services



ESCADA

HAWORTH®

amag

Universitätsspital  
Basel

2015 / 2016

adidas

TUI GROUP

SMA

vodafone

edf  
luminus

TMF  
GROUP  
Global reach  
Local knowledge

SGN  
Your gas. Our network.

ista

altibox

# Building a great EA is more important than ever before

Digital Transformation



Industry 4.0



Micro Services & Containerization

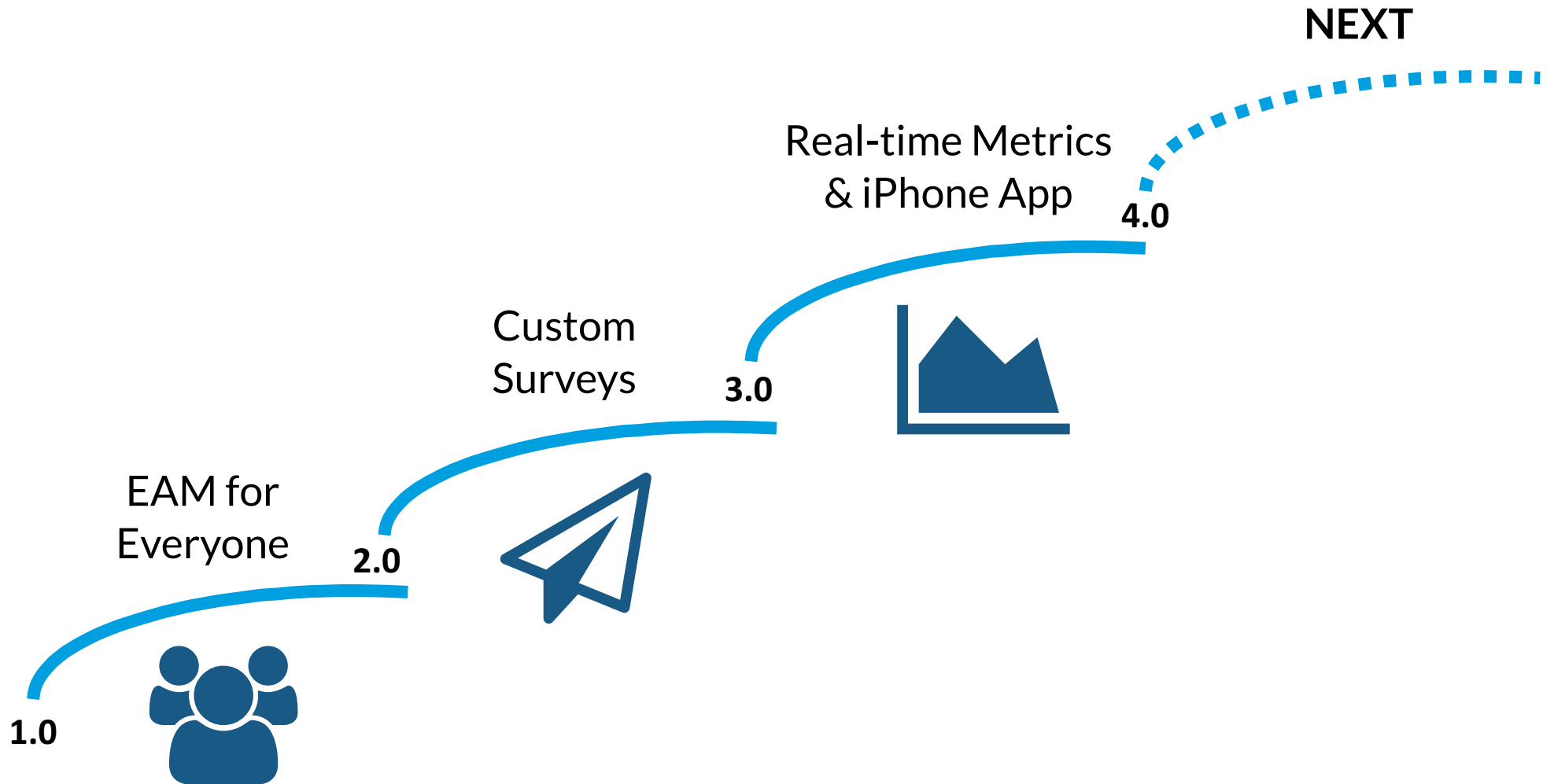


Internet of Things

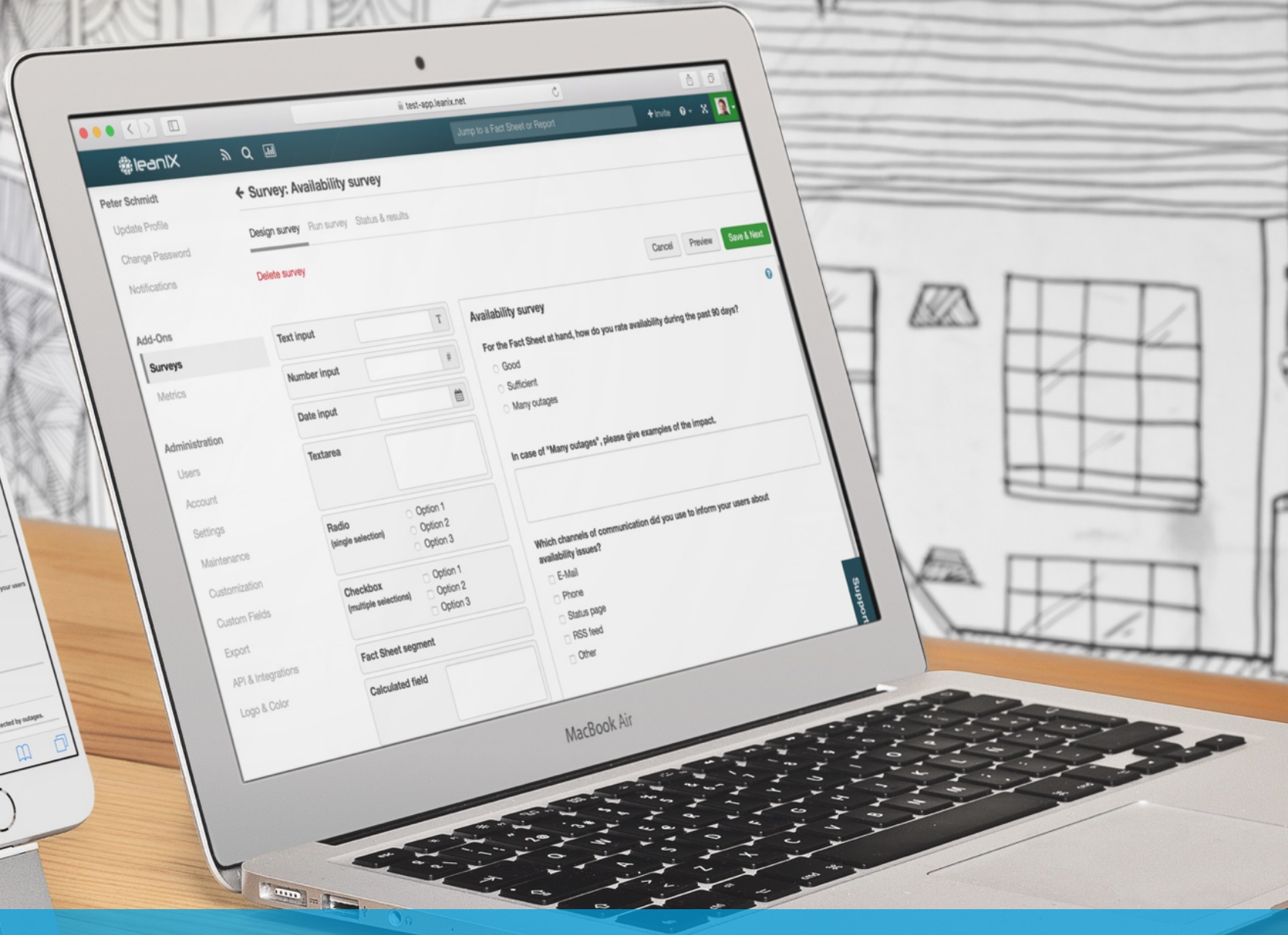
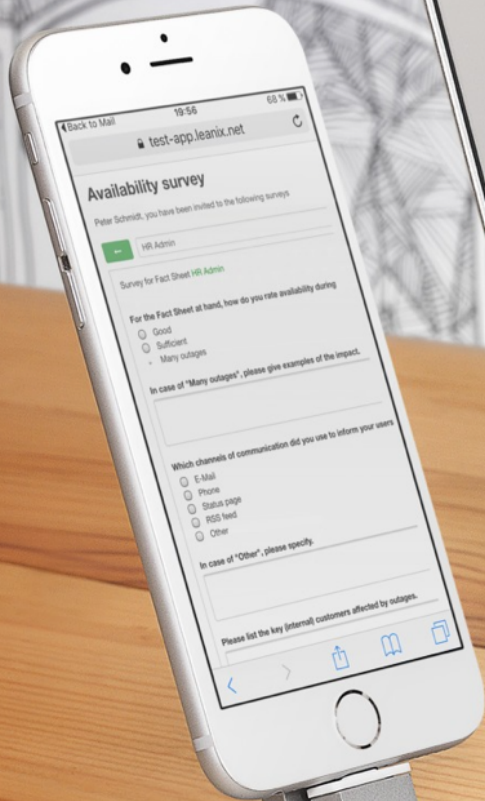


You can't build your  
IT architecture today with  
yesterday's tools and stay in  
business tomorrow.

# We strive to be the innovation leader in EA tool market

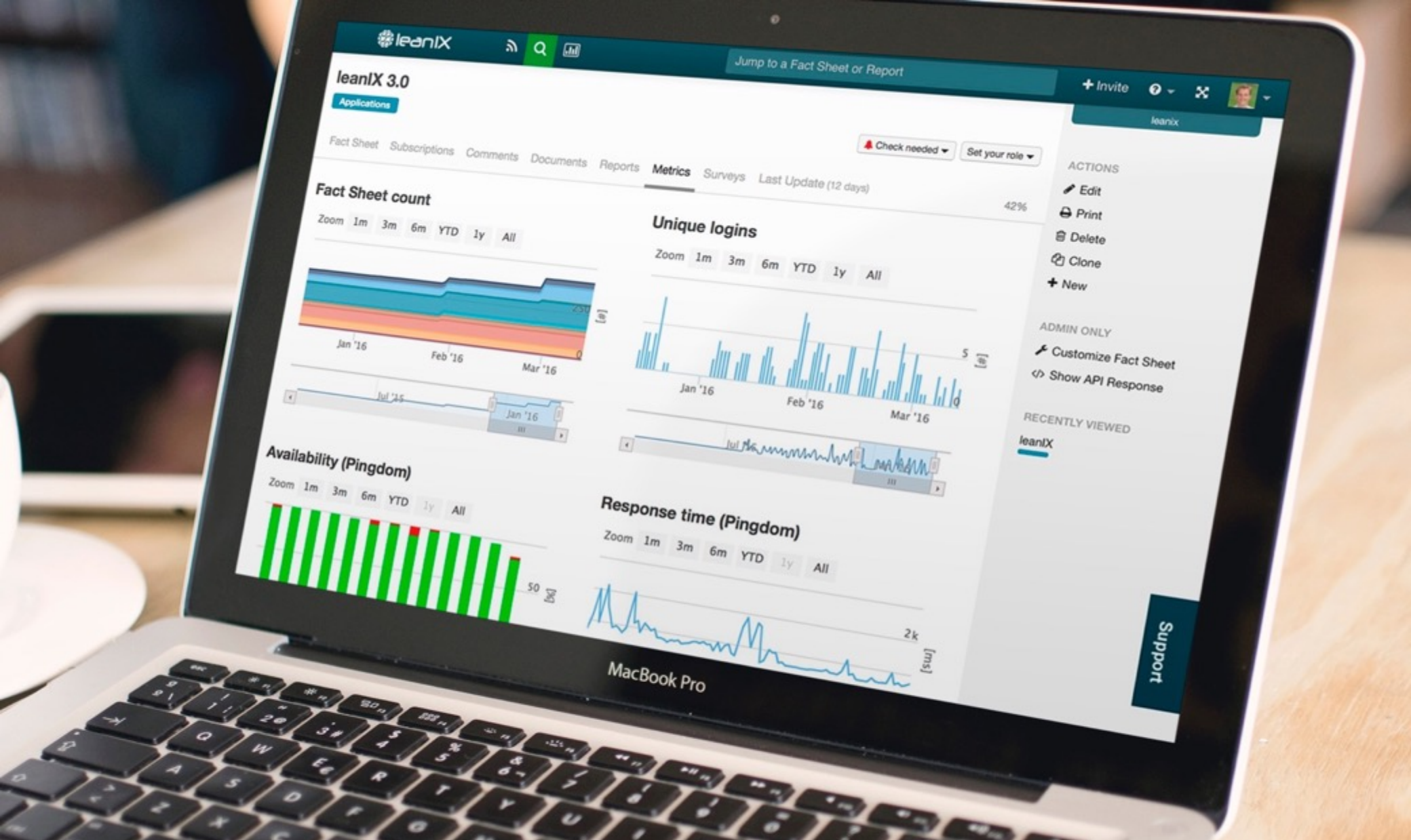




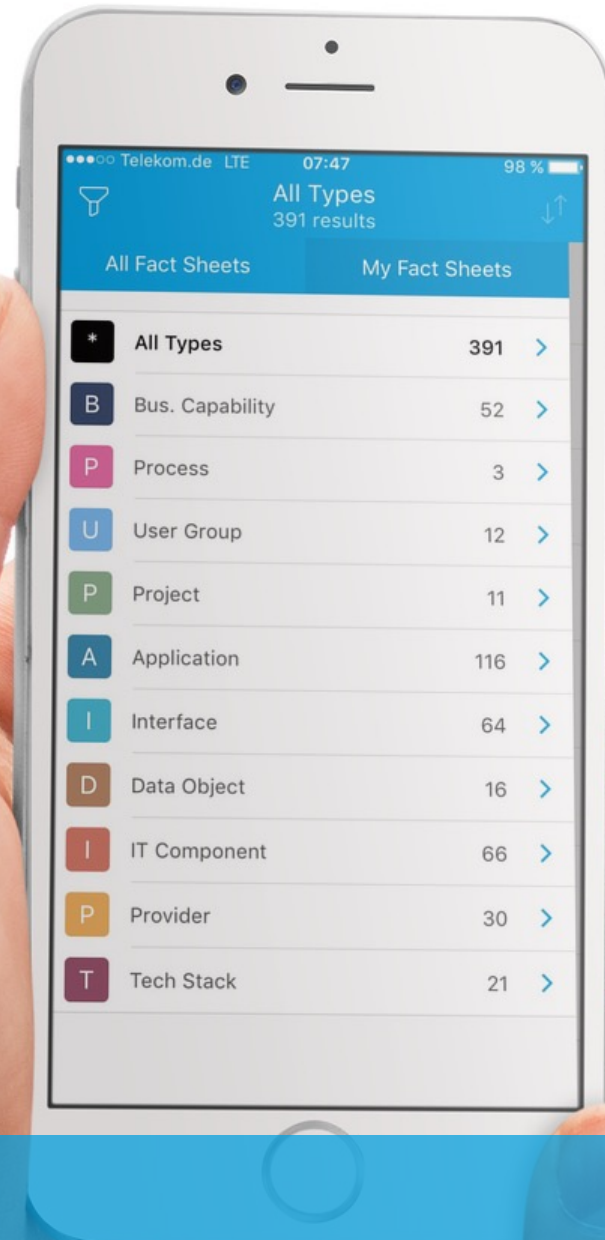


**EXTENDABLE – Custom Workflows (Survey)**





**REAL-TIME – Business & IT Metrics**



Telekom.de LTE 07:47 98 %

All Types  
391 results

All Fact Sheets My Fact Sheets

*	All Types	391	>
B	Bus. Capability	52	>
P	Process	3	>
U	User Group	12	>
P	Project	11	>
A	Application	116	>
I	Interface	64	>
D	Data Object	16	>
I	IT Component	66	>
P	Provider	30	>
T	Tech Stack	21	>

**MOBILE – Native App**

# LEANIX 4.0: “PATHFINDER”

# Three Key Changes in Pathfinder

Functionality

① Flexible Data Model

Usability

② Powerful Inventory

Technology

③ New GraphQL API

LeanIX Pathfinder

localhost:4200/inventory

Inventory Visualizer Reporting Business Capabilities

Show State | English | Sync now

Filter Total 108 results + New Fact Sheet

TYPE	displayName	type	description	businessCriticality	functionalFit
Application (108)	AC Management	Application	Assessment Center Management suppor	missionCritical	insufficient
	AttorneyNet	Application	AttorneyNet is an inventory of all lawyer	businessCritical	perfect
	AutoCAD	Application	In Development and construction we use	administrativeService	unreasonable
	BPM	Application	Business Process Management	administrativeService	appropriate
	BYOD Directory	Application	Bring your own device (BYOD) is the dire	businessOperational	insufficient

adequate (29)  
 fullyAppropriate (27)

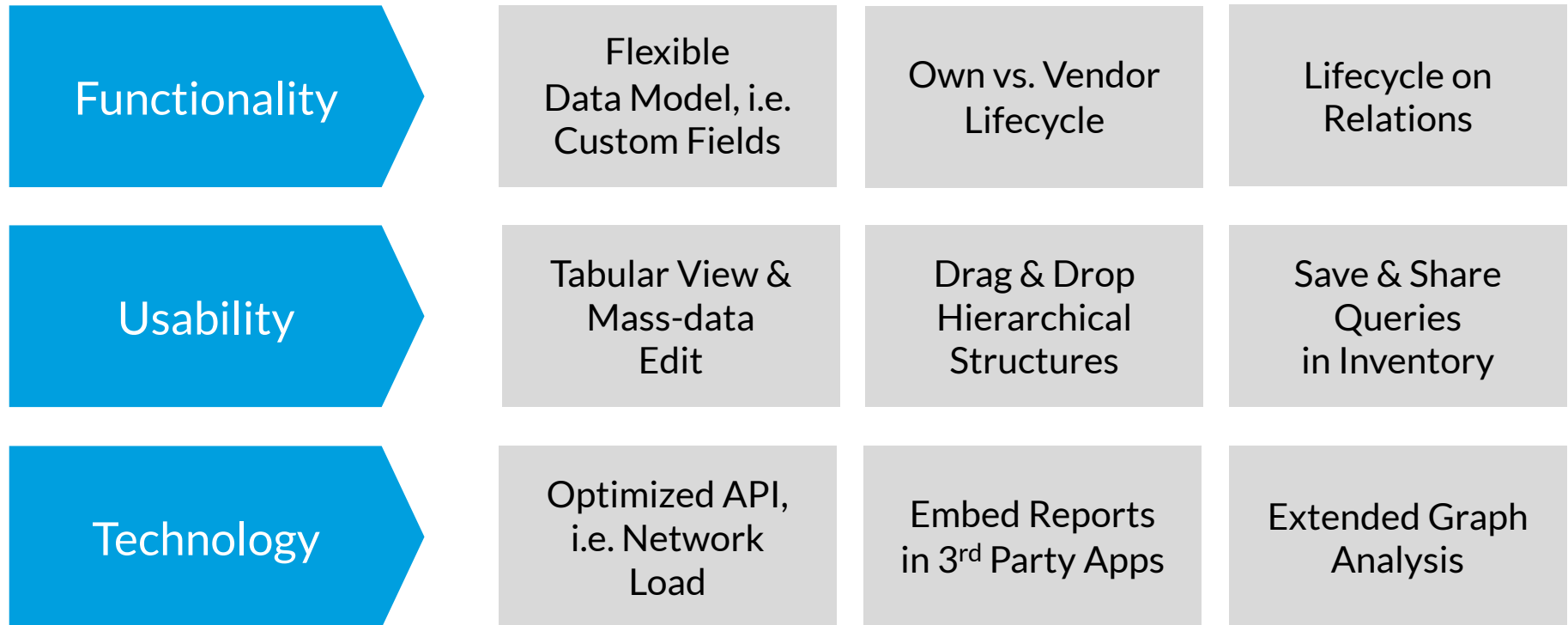
**BUSINESS CRITICALITY**  
 administrativeService (22)  
 businessOperational (31)  
 businessCritical (29)  
 missionCritical (26)

**RELEASE**  
**ALIAS**  
**EXTERNAL ID**  
**FUNCTIONAL FIT**

# LIVE DEMO

CID	Application	Corporate Identity Information Databas	businessOperational	perfect
CIS	Application	Corporate information system	administrativeService	unreasonable
Call Center Management	Application	For the management of a call center this	administrativeService	insufficient
Call Center Management 2.0	Application	For the management of a call center this	administrativeService	appropriate
Capacity	Application	With this application you can plan and tr	businessOperational	insufficient
CoA	Application	Chart of Accounts	administrativeService	insufficient
Contract Management	Application		missionCritical	unreasonable
Cost Modelling	Application	Cost Modelling is the tool to better man	businessCritical	insufficient
CustEchoe Americas	Application	Customer Feedback Analysis Tool for Arr	missionCritical	perfect
CustEchoe Asia/Pacific	Application	Customer Feedback Analysis Tool for Asi	missionCritical	unreasonable

# Summary: Key topics for LeanIX 4.0 “Pathfinder”

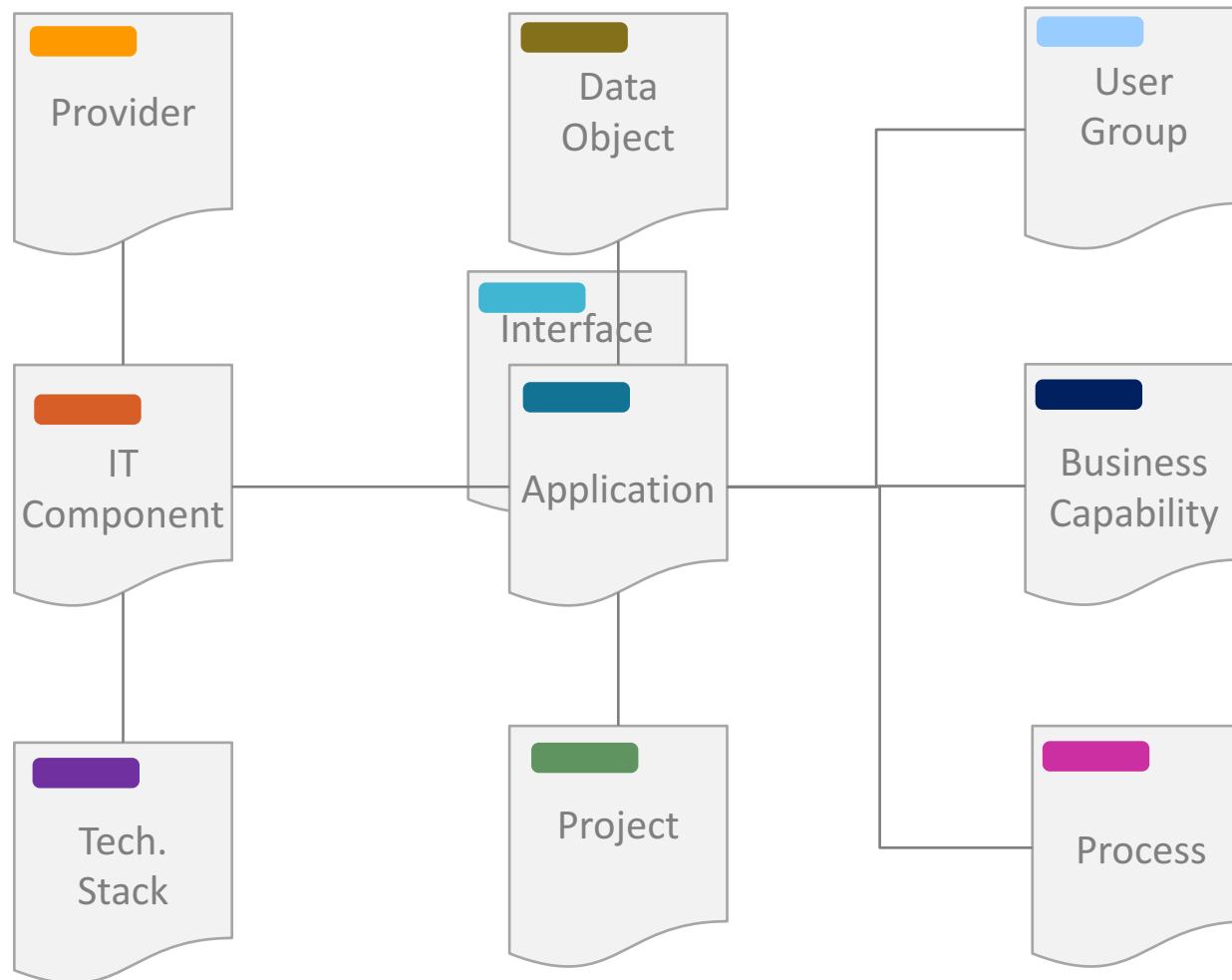


# What are the levels of flexibility?

- A Custom Attributes
- B Custom Relations
- C Custom Fact Sheets

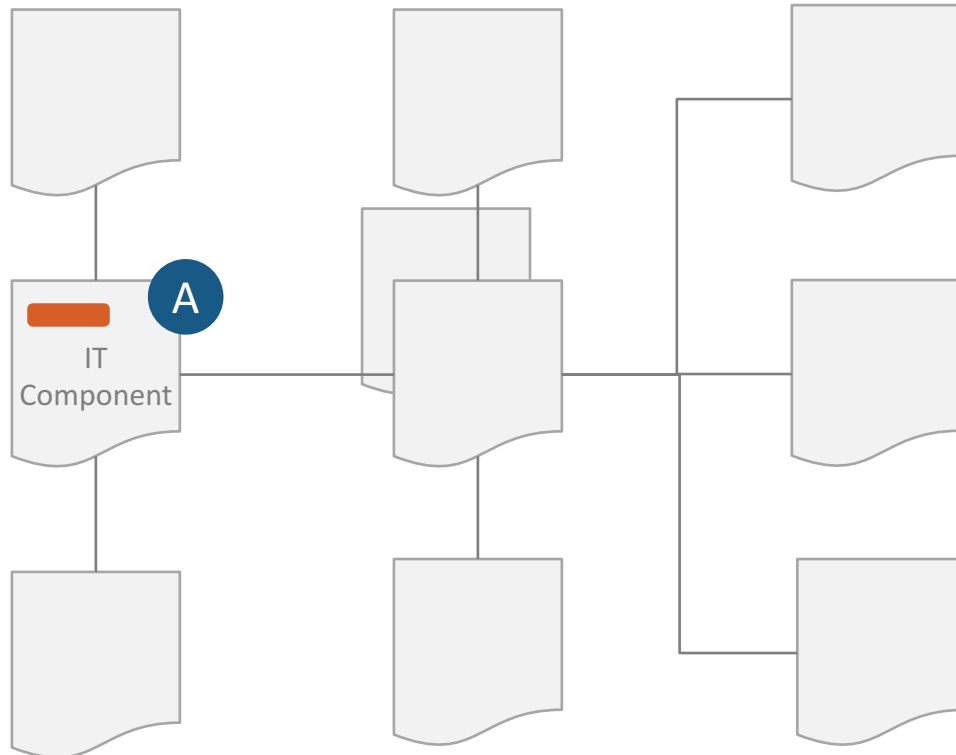


# LeanIX Data Model – Overview



# LeanIX Data Model – Overview

## LeanIX EAM Data Model

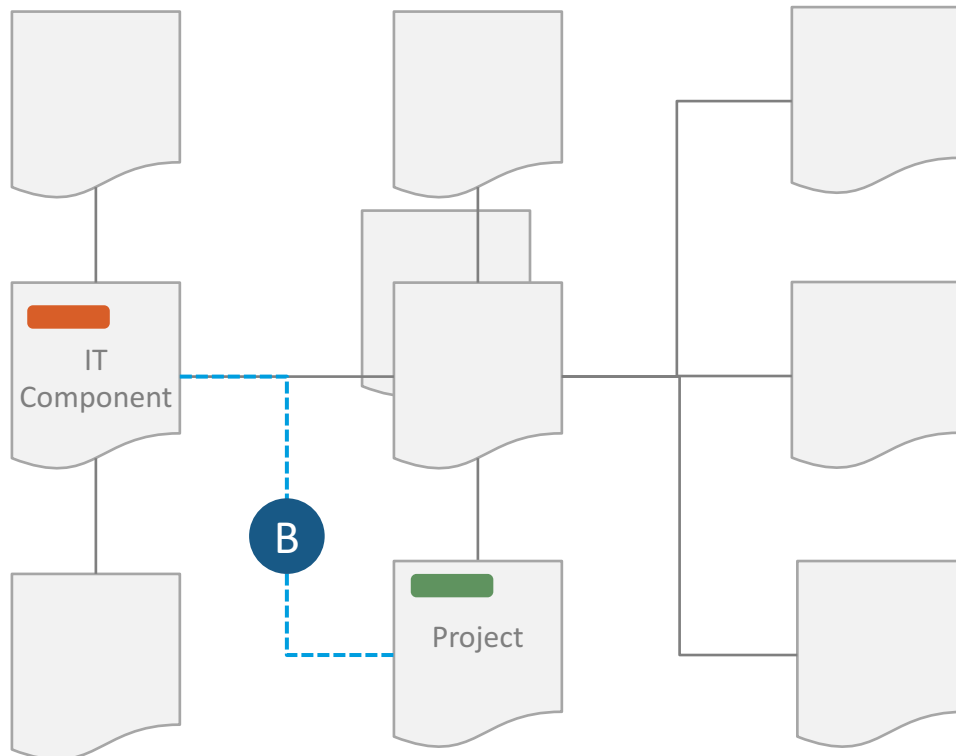


## Levels of Flexibility

- A Custom Attributes
- B Custom Relations
- C Custom Fact Sheets

# LeanIX Data Model – Overview

## LeanIX EAM Data Model



## Levels of Flexibility

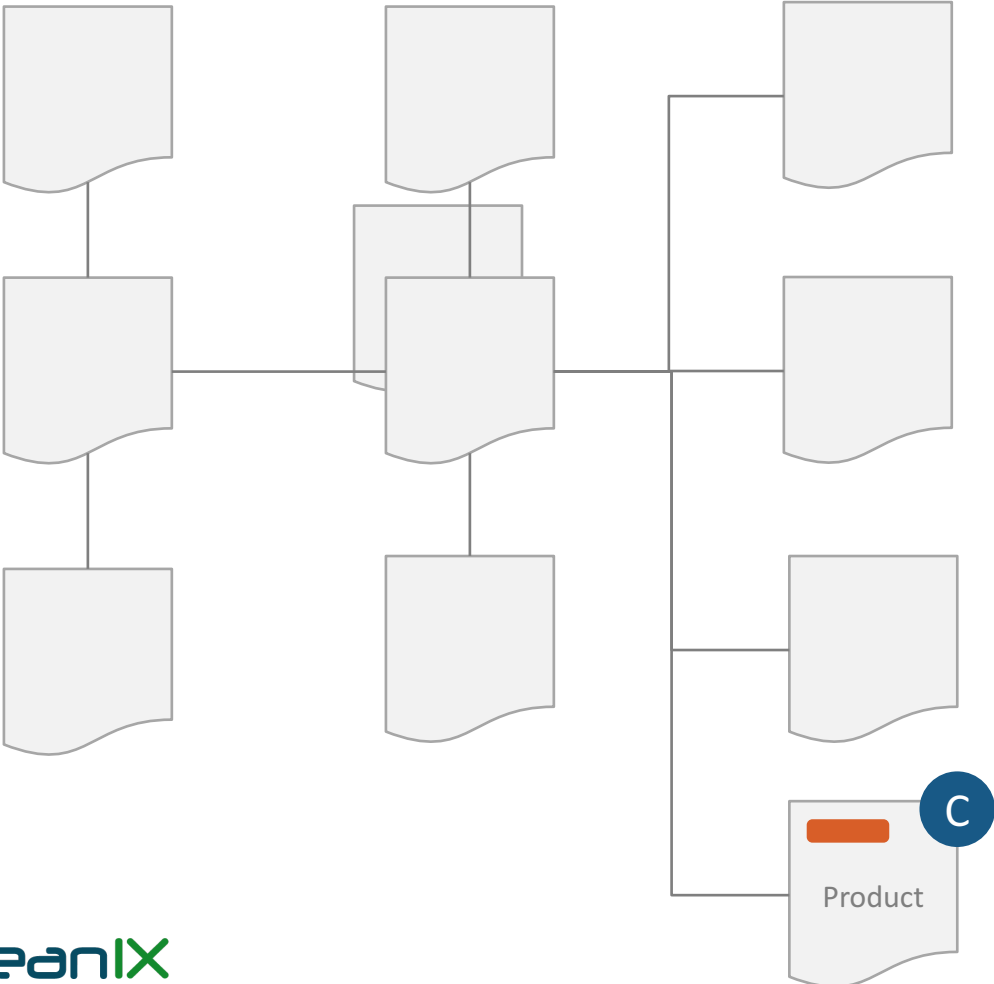
A Custom Attributes

B Custom Relations

C Custom Fact Sheets

# LeanIX Data Model – Overview

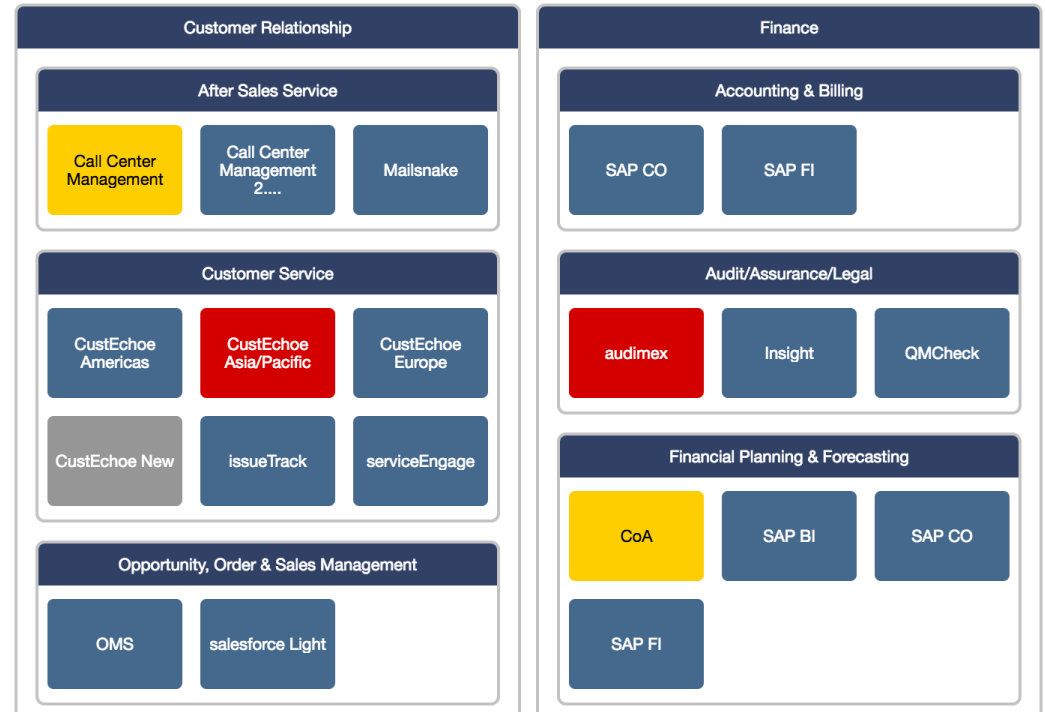
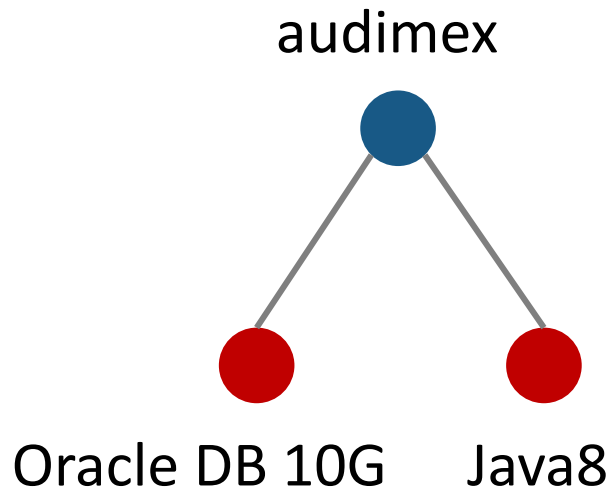
LeanIX EAM Data Model



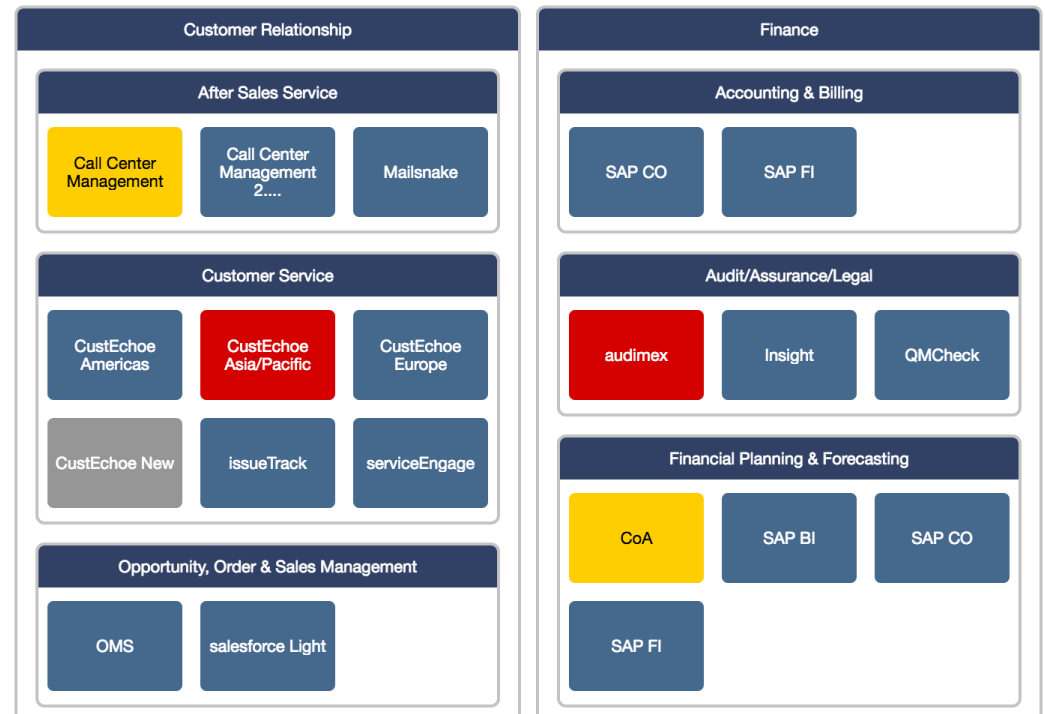
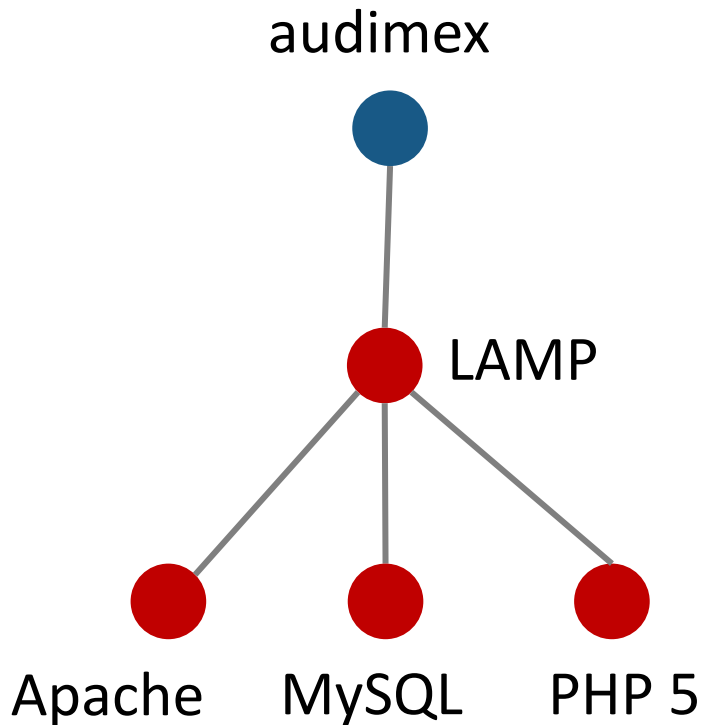
Levels of Flexibility

- A Custom Attributes
- B Custom Relations
- C Custom Fact Sheets

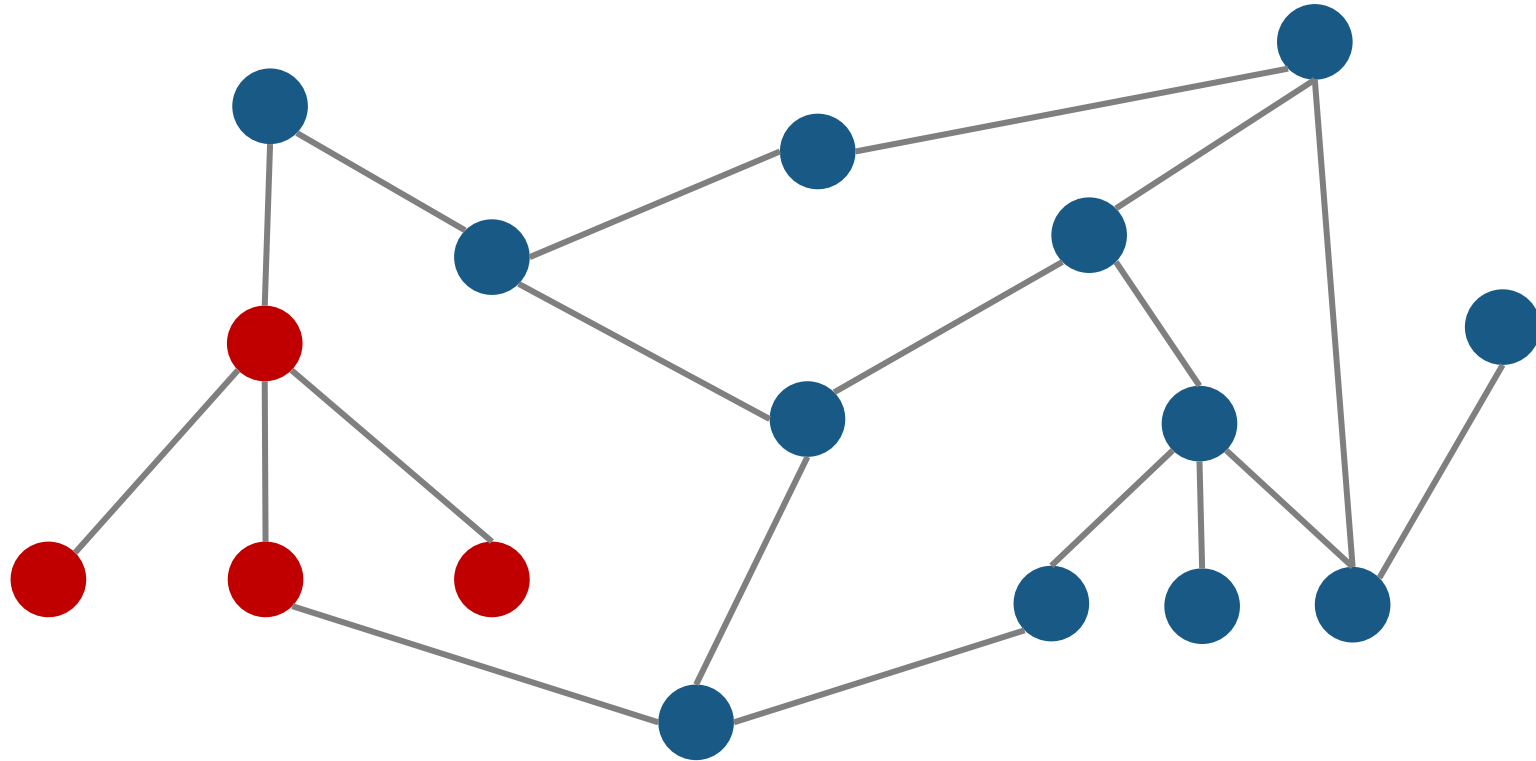
# Technology Risk – One Level Today



# Technology Risk – N Levels with Pathfinder - Realtime

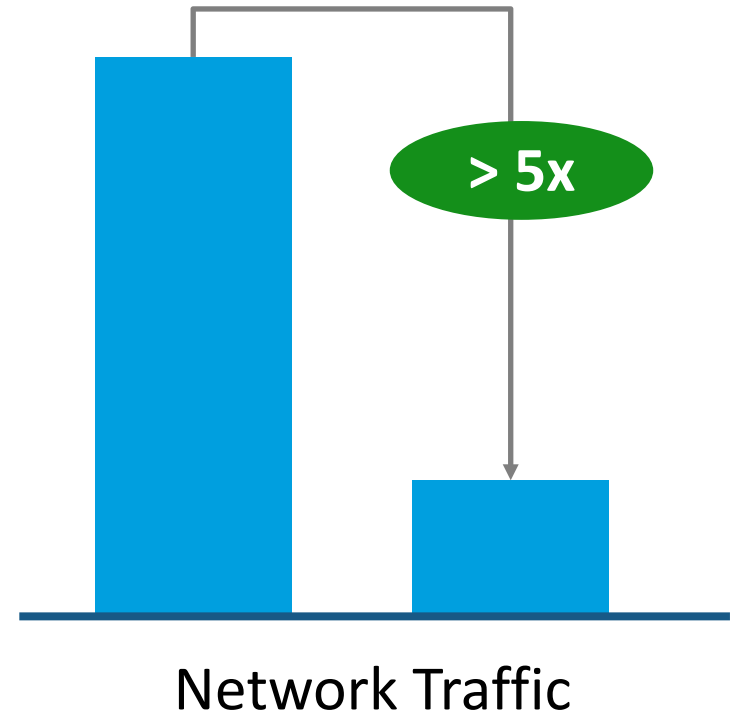
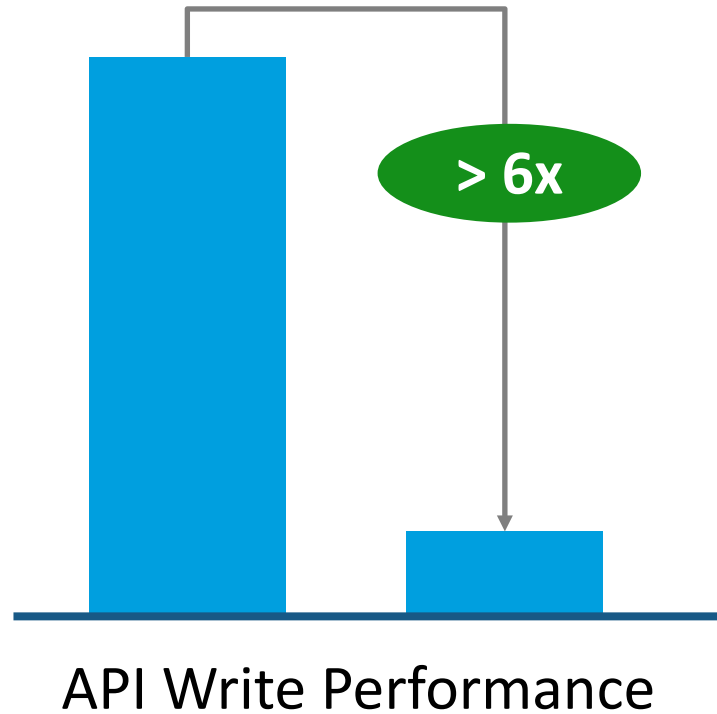


# Everything is in the Graph now!

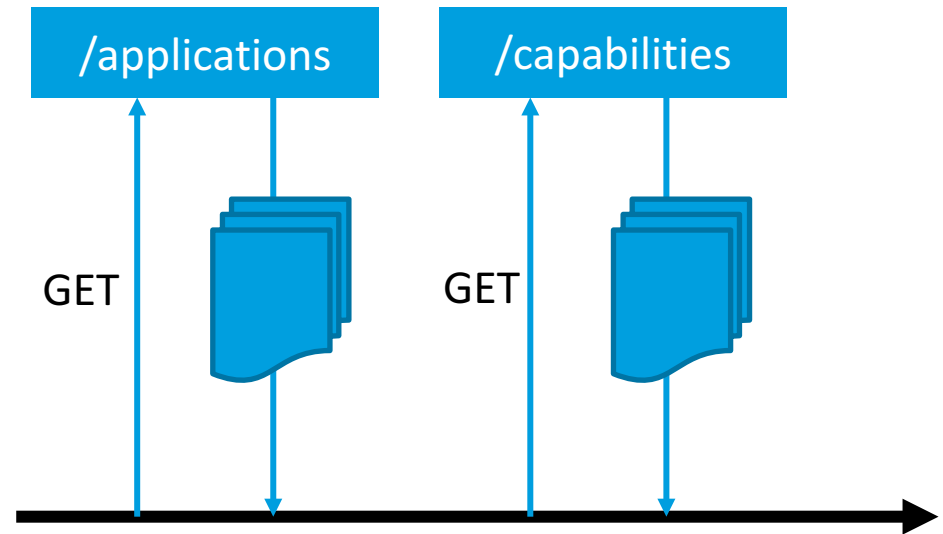
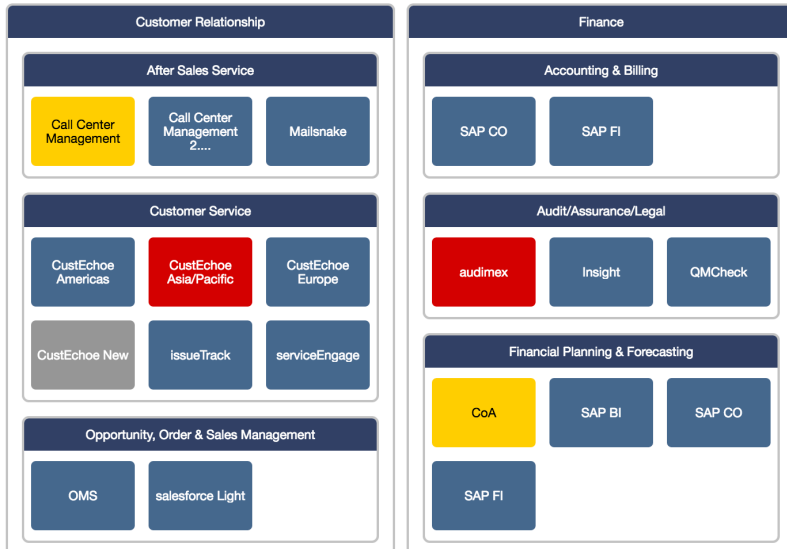




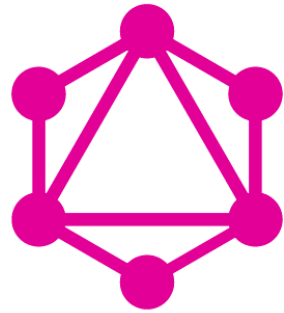
# API is now significantly faster



# REST APIs are great – but have limitations



# GraphQL is like SQL for REST



GraphQL

# GraphQL: Single Query & Specific Results

```
query
{
  allBusinessCapabilities {
    factSheets {
      ID
      displayName
      relToChild {factSheet{uuid}}
    }
  }
  allApplications {
    factSheets {
      ID
      displayName
      relToChild {factSheet{uuid}}
      relApplicationToBusinessCapability {factSheet{uuid}}
    }
  }
}
```



# Pathfinder is a complete rewrite of the LeanIX Core



php

View

Controller

Model

DB

MySQL

leanIX



Single Page App

REST-API

REST-API

DB

Elastic & Graph



Frontend Services



Backend Micro Services

Infrastructure Services



# Transition to Pathfinder starting in Q1/2017

- ✓ Joint Rollout Planning with customers in Q1
- ✓ Dry-Run of Pathfinder possible with own data
- ✓ First rollouts of Pathfinder starting in Q2



# We want to ensure smooth transition

- ✓ User Interface remains largely unchanged
- ✓ Existing SSO Configuration will be re-used
- ✓ We provide support for migration of custom reports & integrations (free of charge)

Why “Pathfinder” ?



THANK YOU!