devoteam

Low-Code, No-Code

Outsystems

24. Juli

Creative tech for Better Change

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Agenda

1. Introduktion til Outsystems/Low-code
2. Teknisk gennemgang
3. Gennemgang af specifikke cases
4. Q&A

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Outsystems Partnership

Portugal | France | Spain | Italy | Saudi Arabia | United Arab Emirates | Denmark

outsystems Partner SALES DELIVERY

Devoteam har leveret mere end 100 projekter og tjenester over 6 år til sektorer som logistik, landbrug, offentlige tjenester, infrastrukturer, sundhedspleje og finansiering.

DEVOTEAM leverer tjenester inden for teknisk udvikling, Leveranceteam, strategisk implementering, og ekspert rådgivning til virksomheder over hele verden.

Link til OutSystems site:
https://www.outsystems.com/partners/devoteam-outfit/

+70
OutSystems Konsulener

+100
Outsystems certificerede

4,8
Customer review score (1 à 5)

OUTSYSTEMS CENTRE OF EXCELLENCE

Hvad er Low-Code

Gartner

Rapid application development (RAD) features for development, deployment and execution – in the cloud.

Forrester

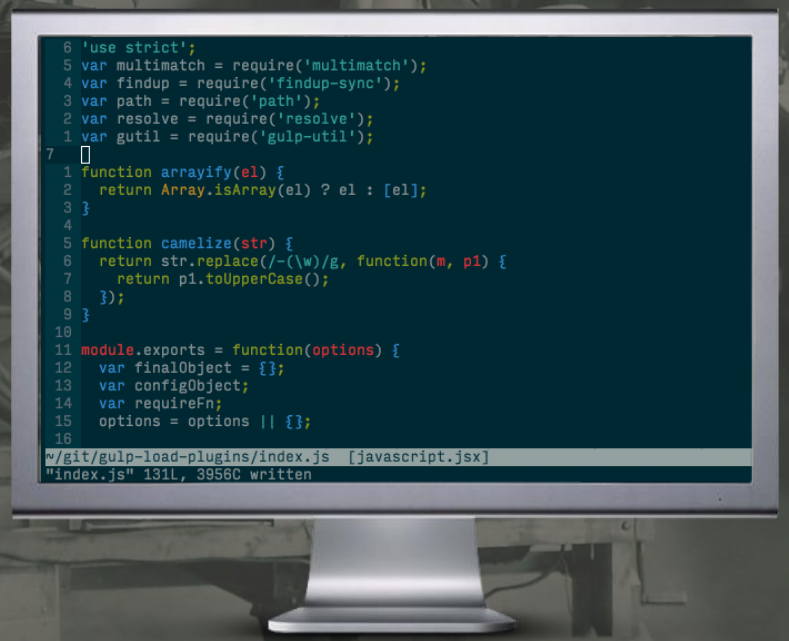
Products and/or cloud services for application development that employ visual, declarative techniques instead of programming.

Devoteam

En udviklingsplatform der giver virksomheder et ekstra udviklingsgear, til at levere innovative applikationer og automatisering til forretning og kunder.

Creative tech for Better Change

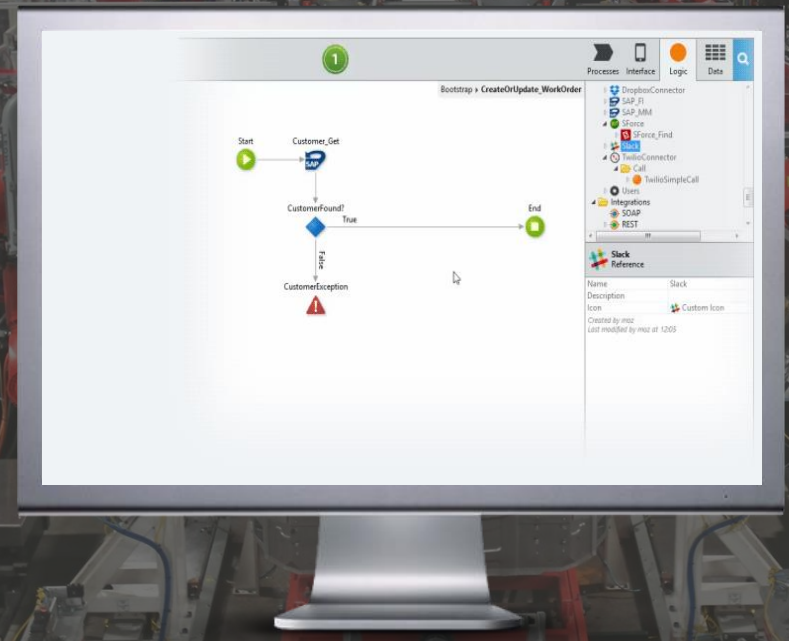
Slow **Manual** Process



Traditional Development

(Manual, Slow, Resource Intensive)

Fast **Automated** Process



OutSystems Low Code Platform

(Automated, Fast, Optimized)

Hvorfor Low-Code:

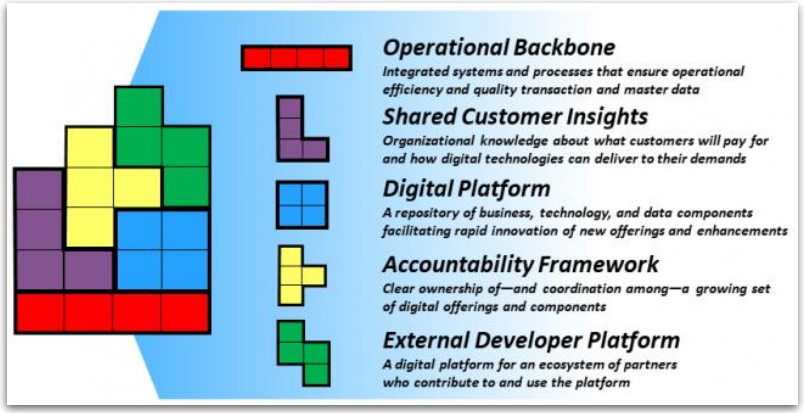
Udfordringer

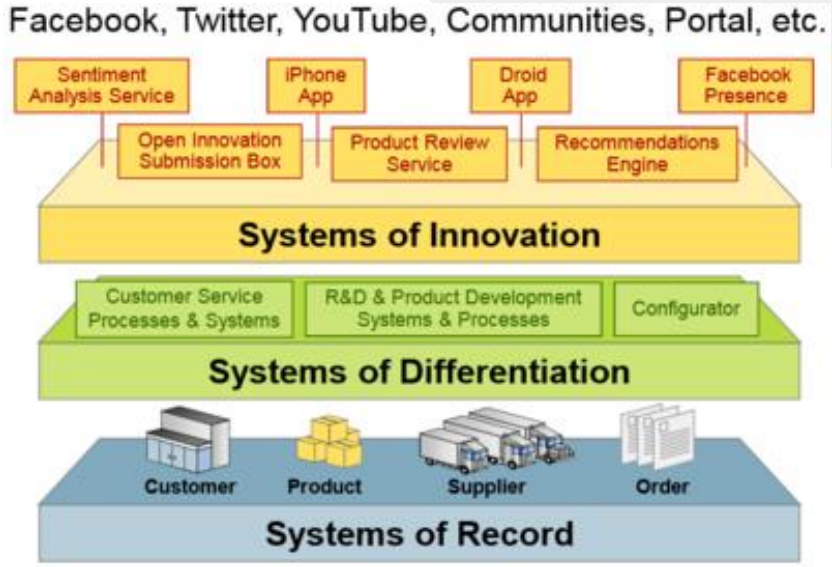
- Komplekse IT landskaber med stigende antal systemer og applikationer
- Massive backlogs
- Mangel på udviklingsressourcer
- Ikke tid til at innovere
- Stigende automatiseringskrav fra Forretning og kunder

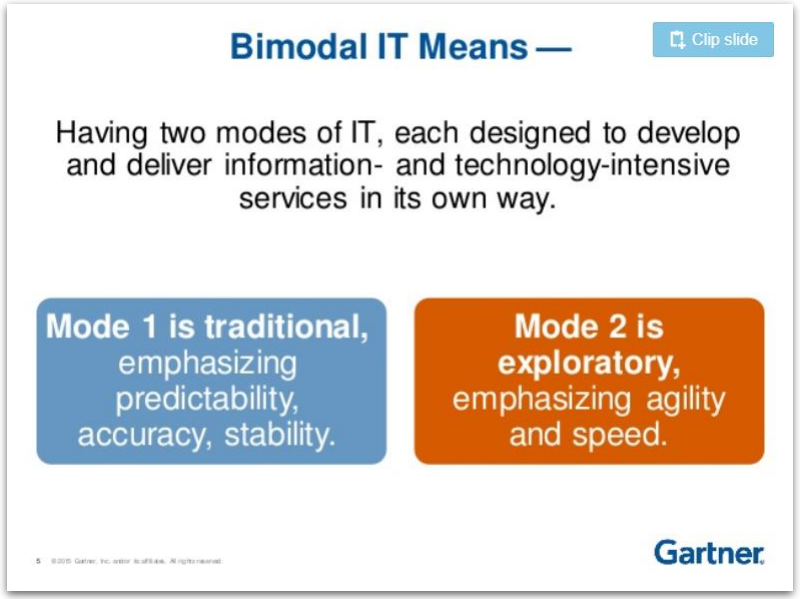
Løsning: Outsystems

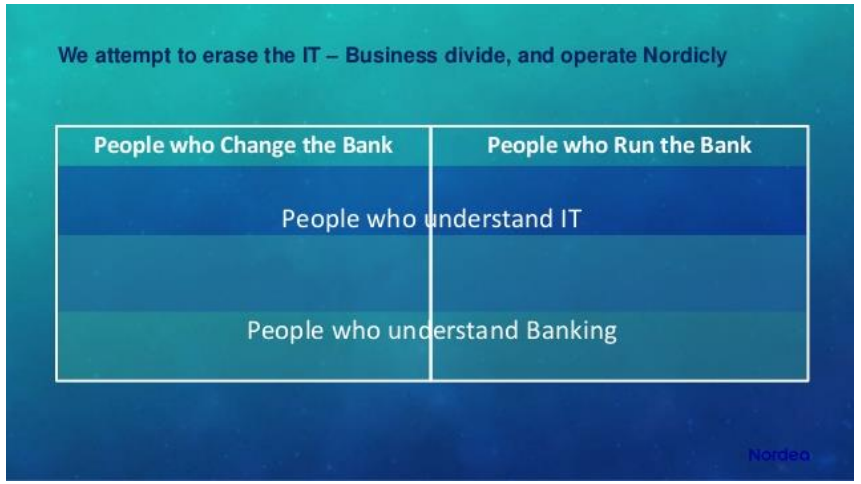
- ✓ Mindre kompleks udvikling
- ✓ Kort tid fra ide til udgivelse af funktionalitet
- ✓ Mindre afhængig af IT (Traditionel)
- ✓ Integrere til eksisterende systemer
- ✓ Giver udviklingen et ”ekstra” gear

En innovativ tilgang til IT, udvikling og forretning









Where OutSystems fits in

There is a need to create a unified user experience across the borders of COTS platforms

(Buy COTS *where it makes sense* and build where you need a *fit for purpose* application)

Experience

Internal

Customize BPM

Customize Service Management

Customize CRM

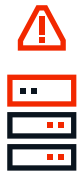
Customize Proprietary Ecosystems

Complex • Very Expensive • Under Delivered • Introduced Risk • Never Scales • Unnaturally Adapted

Mobile Development

Multiple Cloud Environments

Proprietary Coding Tools



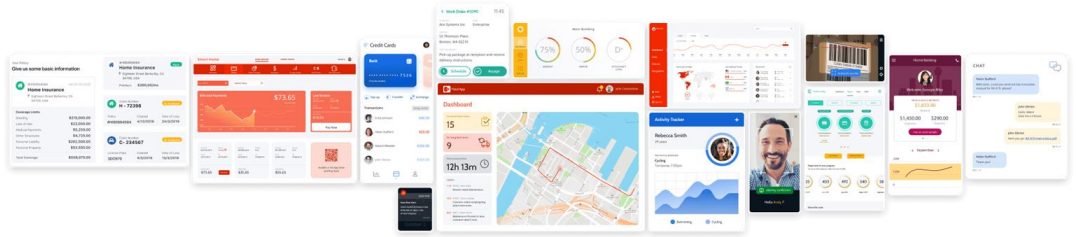
On-Prem Infrastructure

Risk & Governance

Numerous DevOps Tools

Where OutSystems fits in

outsystems



Experience

Customize
BPM

Customize
Service Management

Customize
CRM

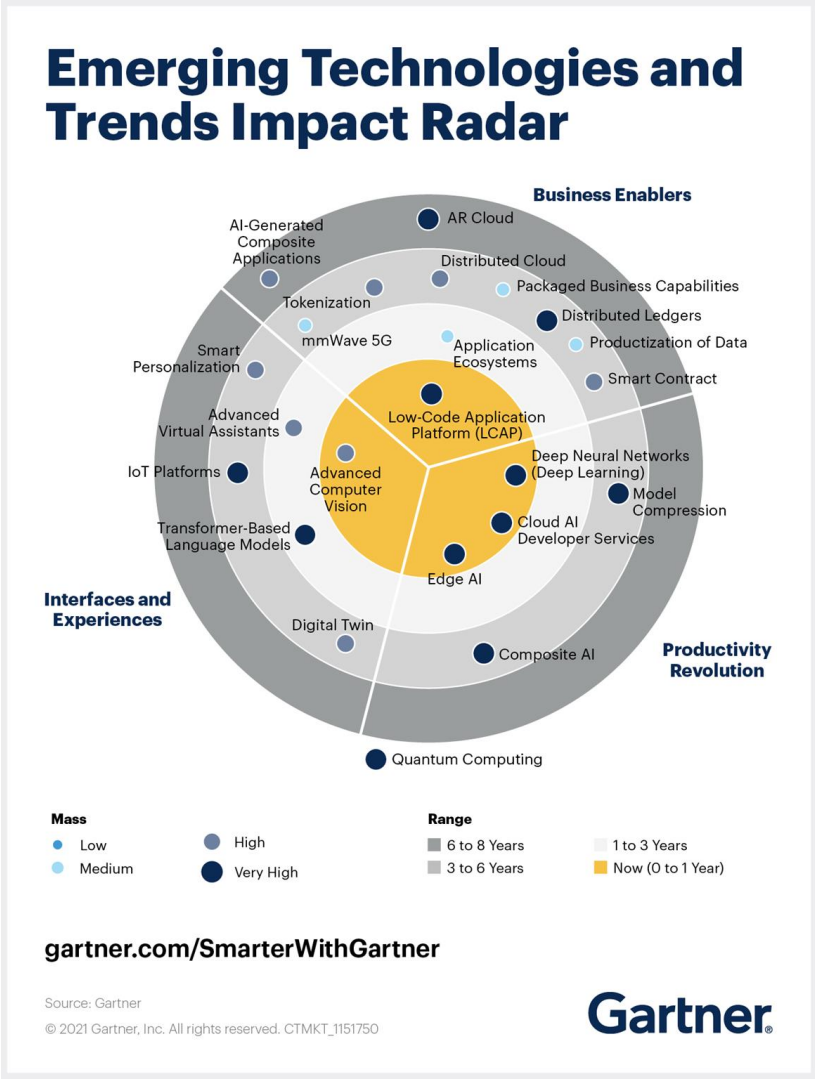
Customize
outsystems

Internal

outsystems Integration

- Mobile Development
- Multiple Cloud Environments
- Proprietary Coding Tools
- On-Prem Infrastructure
- Risk & Governance
- Numerous DevOps Tools

Gartners Emerging Tech Rader



Emerging Trends

*Enterprise low-code application platforms deliver **high-productivity** and multifunction capabilities across central, departmental and citizen IT functions.*

Gartner MQ for LCAP 2020

*"By 2023, over **50% of medium to large enterprises will have adopted** an LCAP as one of their **strategic** application platforms."*

Gartner MQ for LCAP 2020

*"Forrester and Gartner analysts estimate **75% of all enterprise software** will be **built with low-code** technology this coming year **2021**."*

Forbes

Gartner MXDP MQ Leader

Source: Gartner (July 2020)

Source: Gartner (September 2020)

Gartner LCAP MQ Leader

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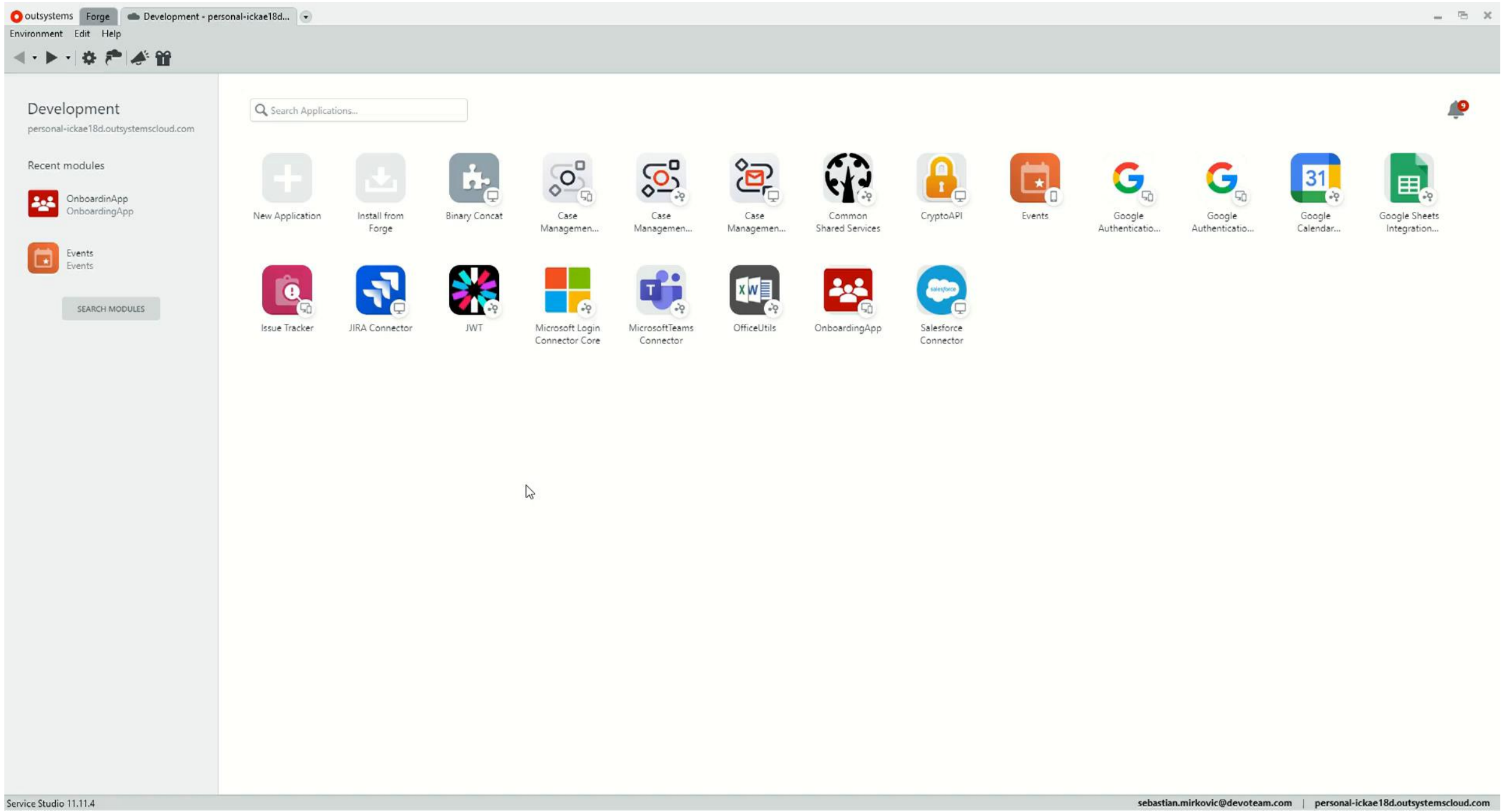
Teknisk gennemgang
app eksempel

Onboarding App

- App til onboarding af nye medarbejdere i Devoteam
- Administrator visning (HR oversigt) og slutbruger (ny medarbejder) visning
- Tilføjelse af ny funktionalitet og implementering på få klik

Creative tech for Better Change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Recent modules
OnboardinApp
OnboardingApp
Events
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9
New Application
Install from Forge
Binary Concat
Case Managemen...
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Case Managemen...
Common Shared Services
CryptoAPI
Events
Google Authenticatio...
Google Authenticatio...
Google Calendar...
Google Sheets Integration...
Issue Tracker
JIRA Connector
JWT
Microsoft Login Connector Core
MicrosoftTeams Connector
OfficeUtils
OnboardingApp
Salesforce Connector
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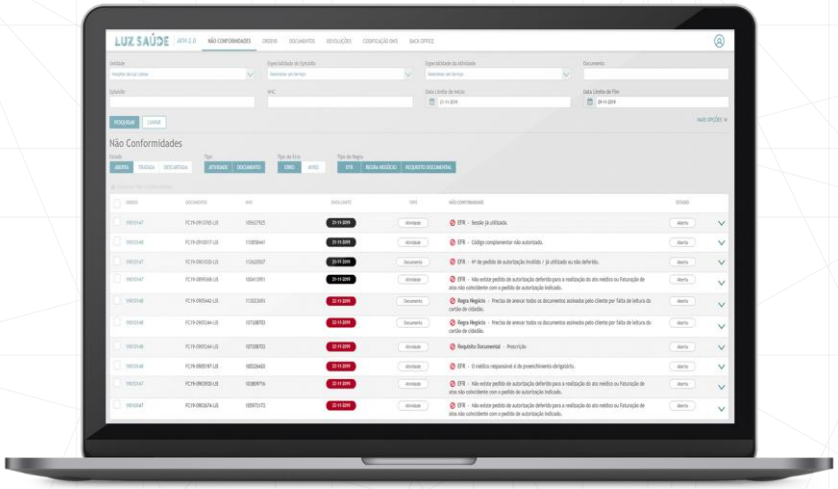
CASES

Transform your business **faster**

Increase your dev team **productivity**

Integration and **Interoperability**

Client: Hospital services provider
Industry: Healthcare
Company size: +6000 employees
Duration : 3 months
Project team size : 3



Dealing monthly with 100.000 invoices and 250.000 document requirements

The challenge

- Our client had only 3 months to implement all necessary changes in their information systems to adapt to the new mandatory standards in billing and document management procedures.

Main benefits

- Aggregation of insurance rules and procedures in one unified platform throughout all of our clients Hospital and Clinics;
- Automated and real-time monitoring of the billing process;
- Support and implementation of quality control measures in the invoicing process.
- Greatly reduced Invoice processing time;

The solution

Our OutSystems team developed a solution that enhanced Hospital Invoicing by enabling and supporting the process of billing and invoicing of the Health Insurance Entities regarding their beneficiary's clinical assistance in the institution.

Although it was a totally new system, it brought a minimum disruption to the service. The seamless integration with the client's information ecosystem, the well designed User Experience and the initial on-the-job training period allowed a smooth transition from the previous process to the new one, in a matter of days.

CASES

Transform your business **faster**

Increase your dev team **productivity**

Integration and **Interoperability**

Managing and improving a complex ecosystem:

Client : Airport Operations Management
Industry : Transportation & Logistics
Company size : 1300 + Employees
Duration : Yearly contract
Project team size : 4

Expert Factory Services for 10 Airports

With more than a hundred applications running critical processes in 10 airports that serve over 59 million passengers

The challenge

Our client is responsible for managing operations in 10 airports in mainland Portugal, Azores and Madeira. The size and complexity of the applicational universe, coupled with the high performance and low tolerance for errors demanded by the industry required an expert service approach, focused on:

- Increasing volume and quality of software produced
- Validation and support of solution architecture and new developments
- Reducing the learning curve of internal technical teams

The solution

Given the size and complexity of the applicational environment, Outfit allocated a specialized Delivery Cell –whose mission was to provide the necessary services for the correct governance, technical maintenance and evolution of the platform.

Main benefits

- Increase in the number of OutSystems applications deliverables
- Increase in overall quality and performance
- Reduction in Maintenance Costs
- Increase of reusable OutSystems factory components (more agility in development / cost-effectiveness)
- Reinforcement of OutSystems architecture and development best practices
- Creation of a strong Knowledge foundation for internal technical teams

CASES

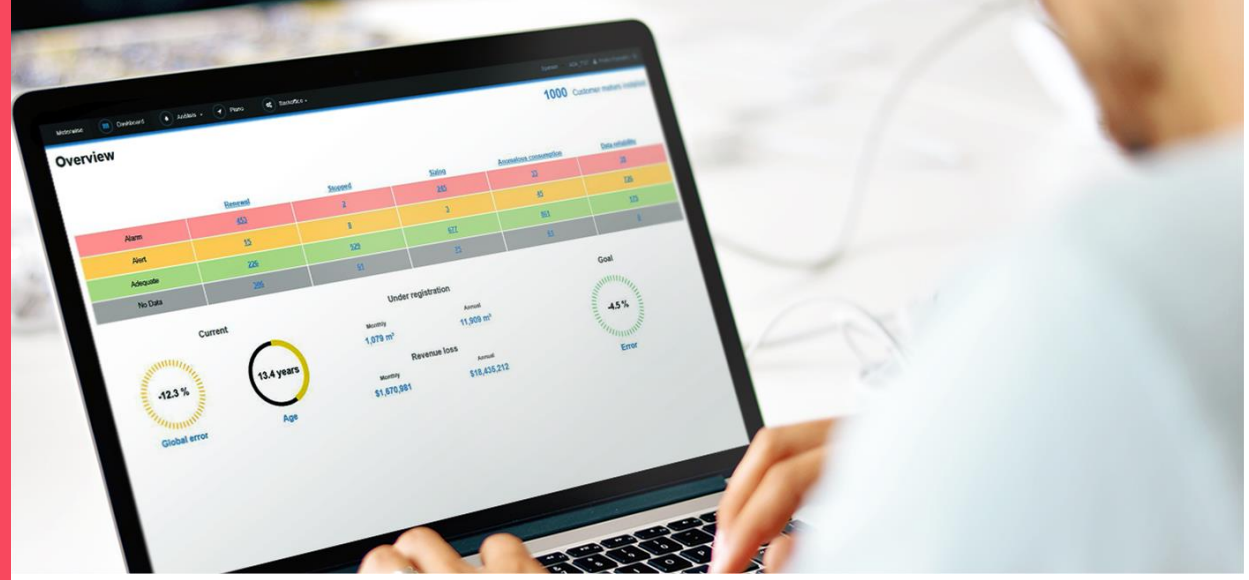
Transform your business **faster**

Increase your dev team **productivity**

Integration and **Interoperability**

Water Meters Management with OutSystems:

Client: Infrastructure provider
Industry: Energy & Utilities
Company size: +500 Employees
Duration : 4 months
Project team size : 2



Savings of

2.814.276 m³ in water and 37M DKK in revenue recovery

The challenge

- Meter monitoring process is manual when it exists at all, and usually, the data is compiled in various random systems, allowing for little or no overview of the issues and processes involved.
- The client wanted a solution capable of optimizing water meters management.

Main benefits

- 20% decreased time in detection of stopped meters;
- 10% increase of consumption on replaced meters;
- 30-40% decrease in apparent losses;
- Better customer relationship: more precise; measurement system allows for greater transparency and trust

The solution

We used OutSystems technology to create a web based application, that allows the optimization of water meters management, by monitoring water consumption patterns, assessing measurement errors and defining a tailored plan for meter replacement. The solution has features such as:

- Doing payback calculations and planning for the optimal meter replacement;
- Having a clear performance overview of the equipment infrastructure;
- Behavioural pattern prediction capabilities;

Hvordan kommer man i gang?

- Hent gratis på OutSystems.com
- Søg viden i OutSystems' community
- Udforsk de gratis uddannelsesstier
- Benyt de eksisterende genbrugelige komponenter
- Sæt fart på udviklingen sammen med Devoteam

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SPØRGSMÅL

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Tak for i dag!