Deloitte.



Go low code with OutSystems

Readjusting the skills for the digital age with low-code

Grab'n'Go, 6th October 2020, Jean Breinholt and Jakob Rahr Bork Jensen

Agenda



Readjusting the skills for the digital age with low-code



OutSystems as the leading low-code platform



Getting started

Readjusting the skills for the digital age with low-code

Enterprises need to move from 'doing digital' to 'being digital'



Exploring

Leverage traditional technologies to automate existing capabilities. Dabbling with digital. No real change to organization.



Doing

Leverage digital technologies to extend capabilities, but still largely focused around same business, operating and customer models.



Becoming

Leverage digital technologies – becoming more synchronized and less siloed – with more advanced changes to current business, operating and customer models.



Being

Business, operating and customer models are optimized for digital and profoundly different from prior business, operating and customer models.

We have observed a jarring mismatch between the digital aspiration and traditional IT Operating Models

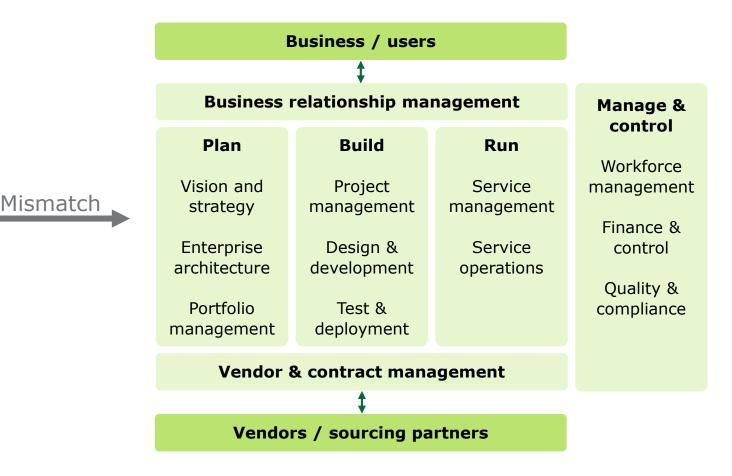
Digital aspiration

Future-proof businesses need to put new offerings into the market...

Rapidly

Successively

At scale



5

The problem

The need to provide custom experiences and transformation towards digital is crucial for business to survive. Unfortunately, most organizations struggle with:







No time to innovate



Scarce resources



Complex systems

The solution: Low-code



Visual full-stack development



Full **life cycle** management



Deploy to any device

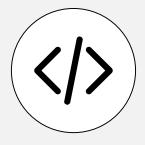


Integrate to existing systems





Innovate at increased speed



Reduce tooling complexity



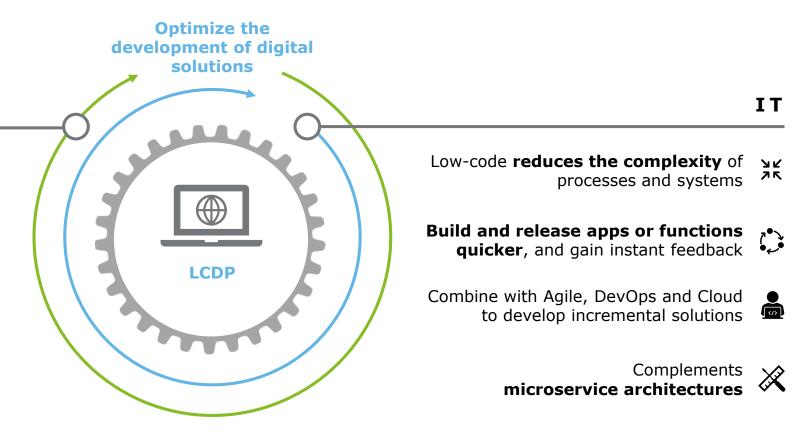
Bake-in **security** by default

Redefine digitalization with low-code

Low-code development platforms are a game changer for IT and business development

Business

- Rapid response to changing business priorities and customer needs
- People with **limited development experience** can contribute
- Reduces dependency on IT while also improving the intra-organizational collaboration
- Use cases run across a broad spectrum of business scenarios



What is low-code?

Traditional hand-coding is...

- Expensive
- Hard to change
- Slow
- Limited by resources

A low-code platform is...

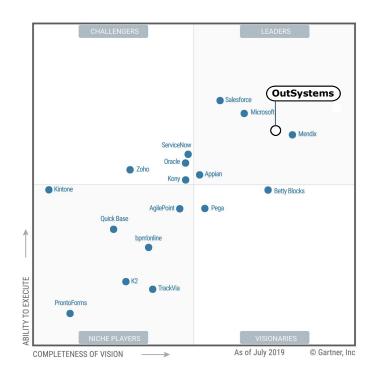


- Visual
- Enterprise-grade
- Fast
- Easy to learn

OutSystems is a low-code platform with unbeatable speed for digital transformation

Low Code application platforms are growing in numbers!

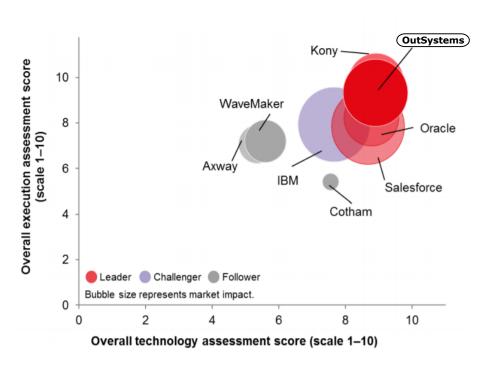
Recommended by Forrester, Gartner and Ovum, OutSystems is the market leading platform for low-code development of enterprise applications



Gartner Magic Quadrant for Enterprise Low-Code Application Platforms, 2019



Forrester Low-code Development Platforms for AD&D Professionals, 2019



Ovum Decision Matrix for Selecting an Enterprise Mobile Application Development Platform, 2018 - 2019

Low-code development of enterprise applications

OutSystems enables your organization to build modern web and mobile applications

Reactive web applications

Modern and responsive web app development, that allows for developing microservice applications, that easily integrates with your existing system landscape.

- Utilizes server-side and client-side logic, asynchronous data fetching and reactive client-side rendering
- Consume or expose APIs



Mobile applications

Three ways for developing applications to be consumed on mobile:

- Native mobile (iOS or Android) apps or Progressive Web Apps (PWAs)
- Responsive web app adaptable to multiple devices and browsers
- Develop a backend for the custom-built native mobile app

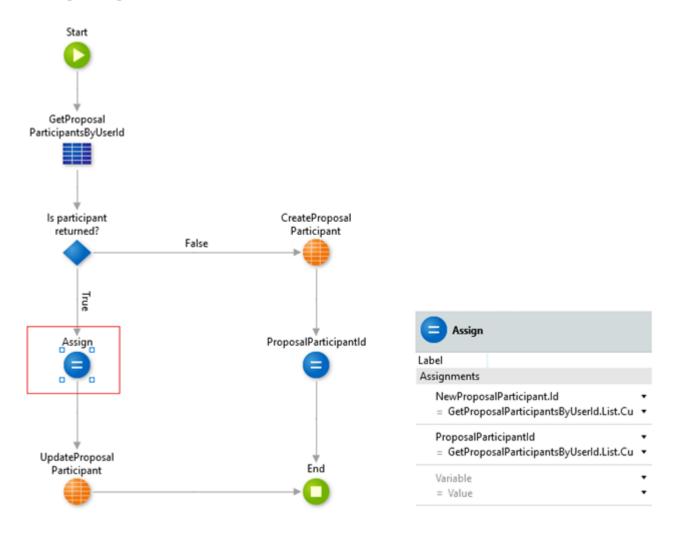




Same platform and technique – no matter which application type

End-to-end visual development

OutSystems allows for logic to be implemented without the use of any programming language



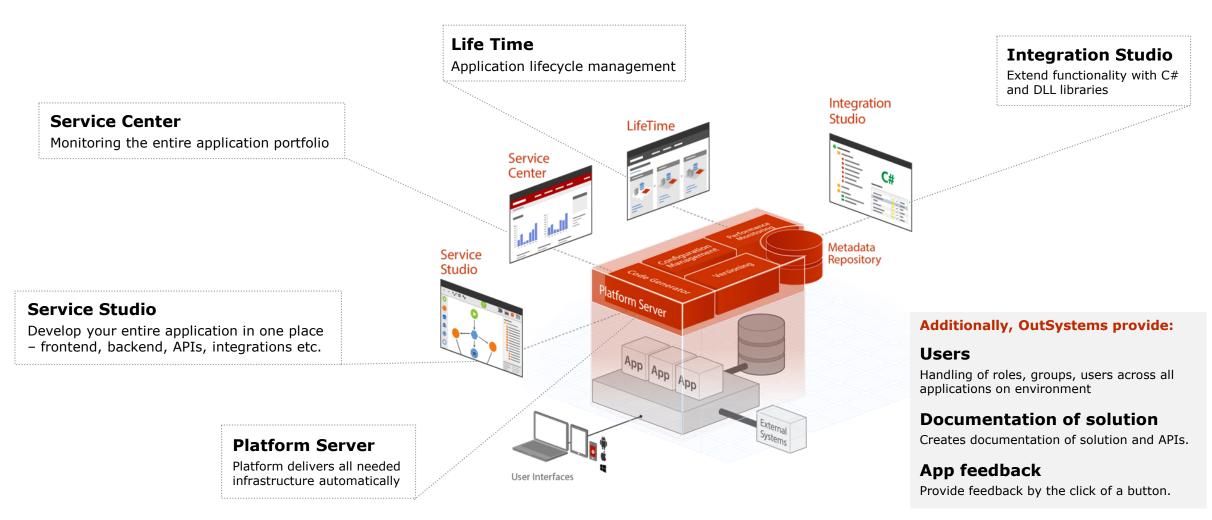
Business processes



- Visual development, all of it!

OutSystems high level architecture and tools

The OutSystems platform consists of a suite of products to develop, implement, operate and monitor solutions



Incredibly fast yet flexible – prototype like never before!

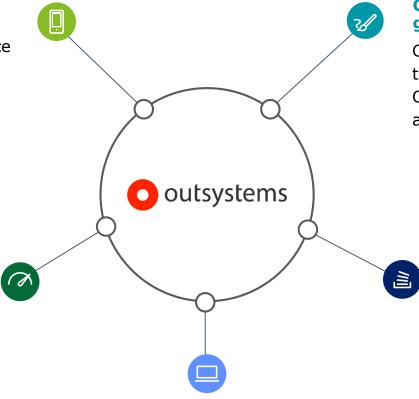
Kickstart your app development from the many accelerators provided by OutSystems

Build initial mobile app versions in hours to test out ideas

Using the newly launched "Experience Builder", mobile apps can be prototyped in hours by employees with no technical acumen

Prototype web apps for handling workflows in just hours

The new Workflow Builder feature enables business experts to draft working web apps, processing even complex workflows in just a matter of hours.



Get a head start with prebuild screen templates

OutSystems provide a wide range of screen templates that can be used to speed up initial development or as inspiration.

Create organization-wide style guides to be reused again and again

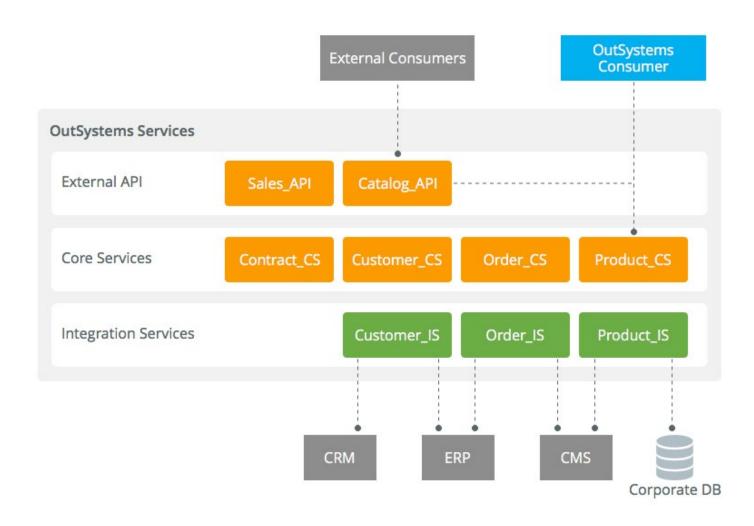
Create your visual identity once, and then reuse it across apps and platforms. Customize the many built-in widgets or add your own extensions.

Discover more options in OutSystems Forge

Access more options through the opensource community, which contains more than 3000 apps, components and widgets – get inspired or create and share your own.

Integrate OutSystems apps with your existing system landscape

Consume existing databases and services, or expose APIs to let other services consume your OutSystems creations



Connect your apps to third-party services used in your organization

Continue using the third-party services you like – more likely than not, an OutSystems connector has already been created

Databases













Collaboration tools













Social media









Cloud & CRM











Monitoring







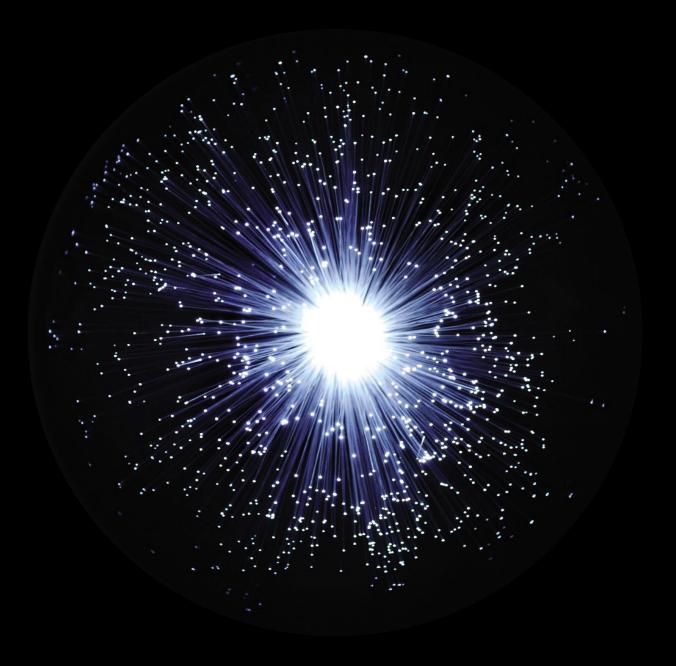




and more ...



Getting started



Get started with OutSystems

Identify use cases within your business to gain experience with the platform and build the capabilities needed to utilize the power of low-code in your organization



Utilization of **mobile phone** functions



Collection and display of **data**



Many system **integrations**



Few **roles** or governance processes



Modern **user interfaces** on top of legacy systems

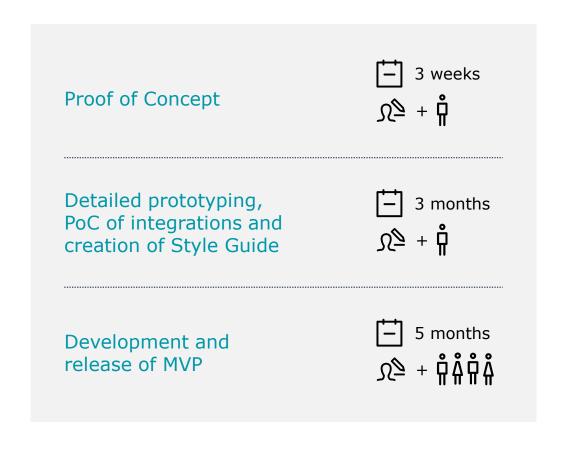


Isolated applications with **specific** business logic

Estimated development: 2 weeks – 1 month

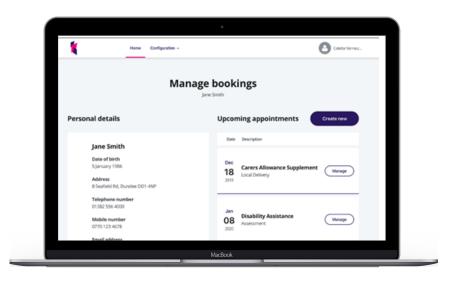
Case: Developing a case-handling application for welfare benefit management

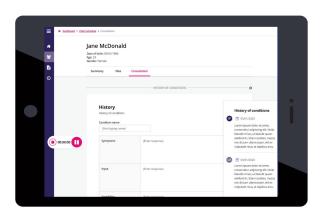
Using OutSystems to create integrated web- and mobile apps





Additional resources used to minor extend when needed (analysts, UX, test, DevOps)





Get started on your own for free, or use Deloitte as an accelerator and partner

We are happy to help and guide you on your Low Code journey – just reach out!

Try it out on your own



Try out the platform for free

Obtain a free personal environment with no expiry date.



Get skilled on outsystems.com/learn

Courses, role-based guided paths and walkthroughs available for free.

Deloitte can help you get started



Let's co-create together – you bring the use case, we bring the expertise!

Let us show you what can be done in two hours – *free of charge.*



Delay the commitment and try out your idea

Let us spend 1 month building a POC before committing to your OutSystems investment.

Want to learn more? Do not hesitate to contact us!



Jean Breinholt
Senior Manager, Deloitte Consulting
+45 30 93 44 39
jbreinholt@deloitte.dk



Jakob Rahr Bork Jensen
Manager, Deloitte Consulting
+45 29 82 53 21
jakobrjensen@deloitte.dk