Deloitte.



Digitizing workflows with no-code

Empowering the citizen developer

Grab'n Go, 25th March 2021, Jakob Rahr Bork Jensen and Jonas Rutström

Agenda



Introducing the Workflow Builder with no-code capabilities

- **Demo of the Workflow Builder**
- **Common Workflow Builder use cases**

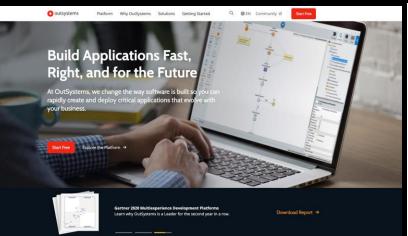
? Q&A

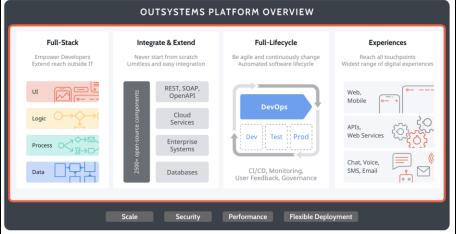
How **OutSystems** brings the benefits of low-code

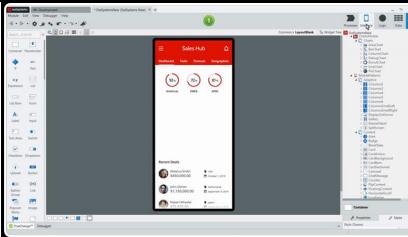
What is OutSystems?

OutSystems mission is to

Give every organization the power to innovate







It's a Company

It's a Platform

It's a Visual Language

What is low-code?

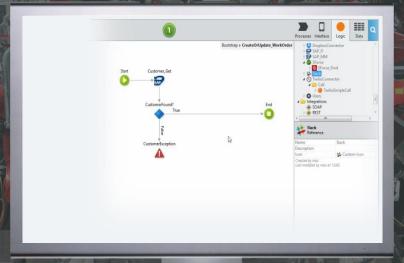
Slow Manual Process

```
6 'use strict';
5 var multimatch = require('multimatch');
4 var findup = require('findup-sync');
3 var path = require('path');
2 var resolve = require('resolve');
1 var gutil = require('gulp-util');
7
1 function arrayify(el) {
2 return Array.isArray(el) ? el : [el];
3 }
4
5 function camelize(str) {
6 return str.replace(/-(\w)/g, function(m, pl) {
7 return pl.toUpperCase();
8 });
9 }
10
11 module.exports = function(options) {
12 var finalObject = {};
13 var configObject;
14 var requireFn;
15 options = options || {};
16
2 //git/gulp-load-plugins/index.js [javascript.jsx]
"index.js" 1311, 3956c written
```

Traditional Development

(Manual, Slow, Resource Intensive)

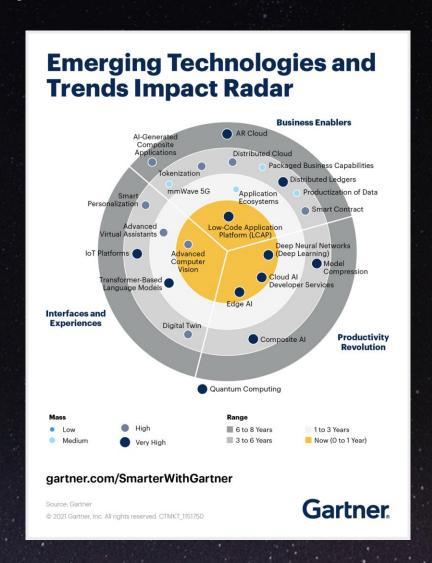
Fast Automated Process

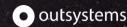


OutSystems Low Code Platform

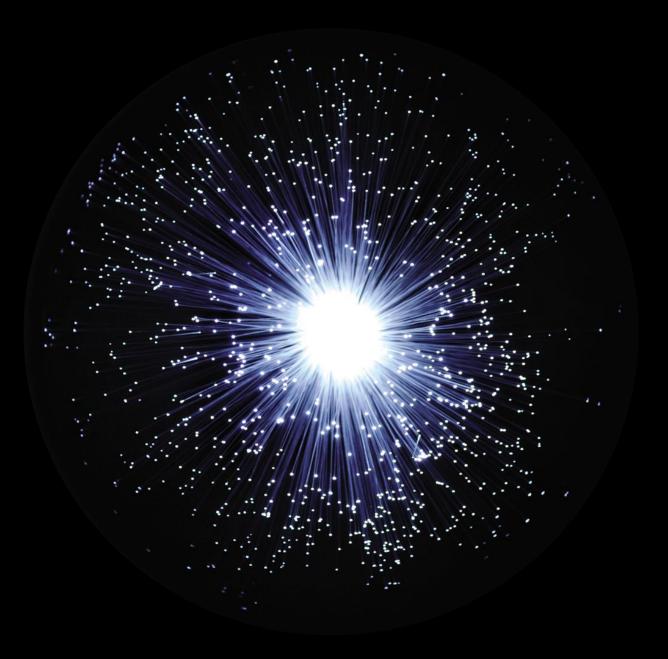
(Automated, Fast, Optimized)

What analysts say...





What does this mean to you?



High speed delivery



- Full-stack visual development
- Single-click deployment
- Mobile made easy
- Automatic refactoring
- In-app feedback



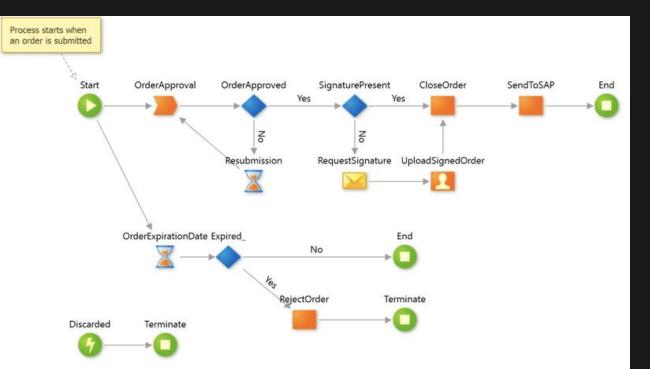
"Faster, more accurate development"



Workflow capabilities

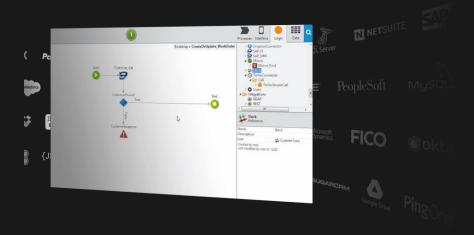
trustradius

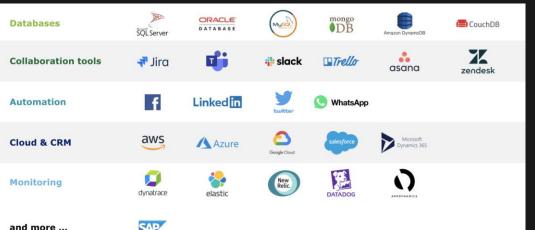




- Business Workflows integrated
 with applications (UI interfaces
 web and mobile, Logic, datamodel,
 web services, ...)
- Orchestrate complex logic
- Build **asynchronous** process
- Scalable and Performant engine able to process millions of activities

Integrate with everything





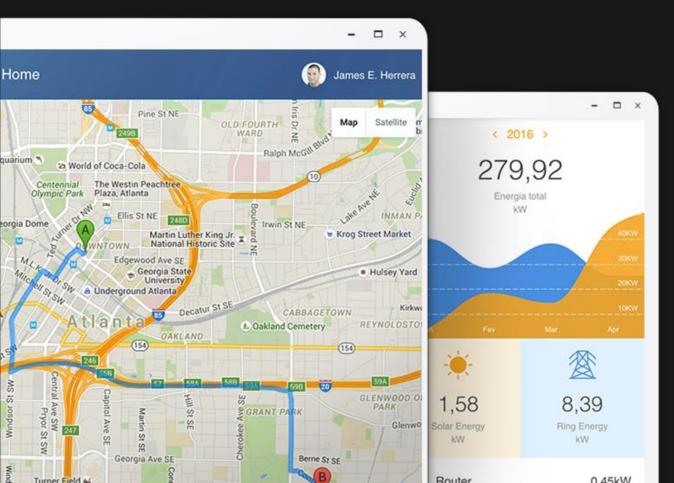
- Pre-built connectors
- SOAP and REST integration without coding
- Connect with popular cloud services
- Orchestrate with workflow & business logic
- Create your own connectors

trustradius

"Flexible and has huge integration capabilities"



Great UX by default



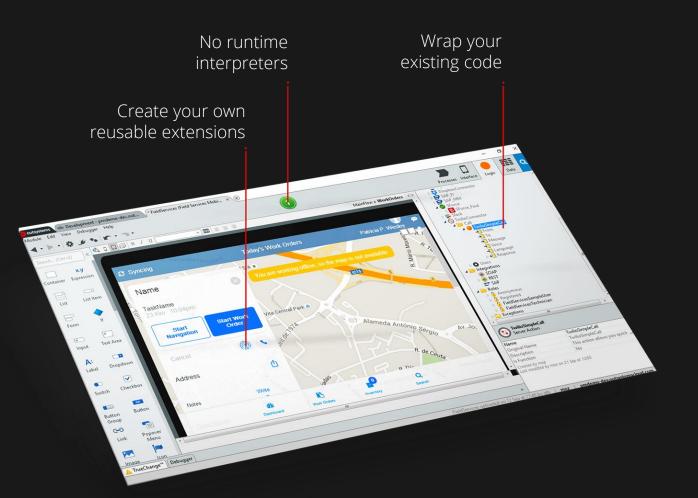
- Beautiful patterns and controls
- Sub 80 millisecond response time
- Drag-and-drop with pixel perfect control
- Extend with your own UI code
- Develop once for every form factor
- See and test immediately on-device



"One of the most transformative products in years"



Low-code without constraints



- Wrap and include existing code
- Create reusable extensions
- Standard code
- No runtime interpreters
- No proprietary data-models

trustradius

"OutSystems Rocks!"



Enterprise-grade operations

- Security
- Scalability
- Performance
- Architecture
- Flexible deployments



""Mobile app dev with OutSystems is truly amazing"





Van Ameyde created a system that supports 16 different countries and their unique claims handling requirements with over 46 million running process instances and more than 320 million activities in flight.







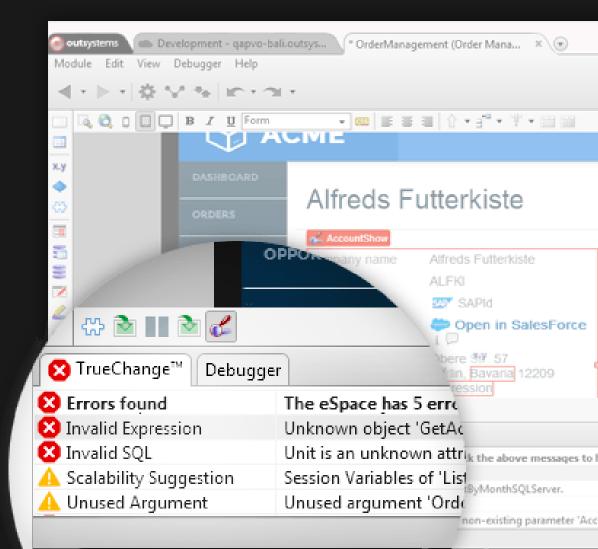
Unbreakable deployment

- Automatic impact assessment
- Single-click rollback
- Automatic staging
- Automatic dependency updates



"Development game-changer"





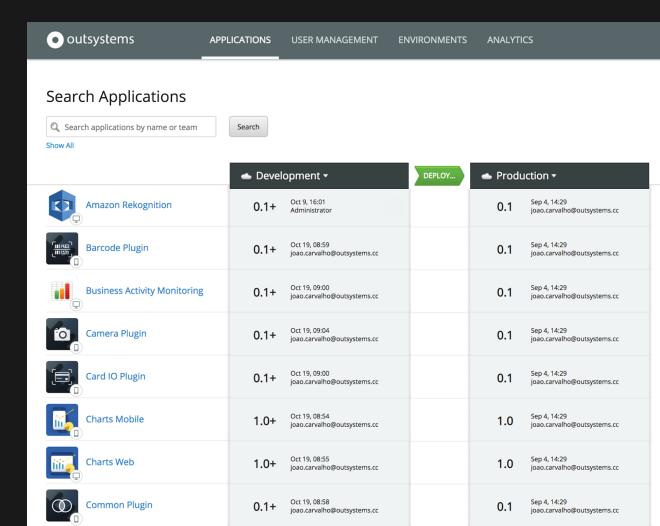
Built-in DevOps solution

- Manage application full life cycle
- Automated deployment with impact analysis and dependency checking
- User management capabilities
- Continuous integration and delivery
- Deployment management API (Jenkins, Azure Devops, other devops tools)

trustradius

"It marries the best of DevOps with integration tools"





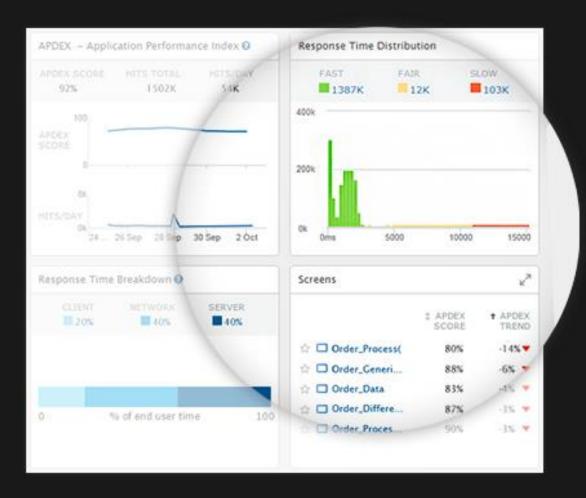
Metrics that matter

- Automatic instrumentation of your apps
- Monitor application performance
- Real-time drill down to identify root cause
- Customizable performance dashboards
- API-based access to performance data



"OutSystems changed my life"





OutSystems addresses the challenges of traditional IT



Growing Backlogs

Complexity falls on developers' shoulders

Hard divisions between business and IT

Unique CXs are hard

Talent shortages



Hard to Meet NFRs

Speed incompatible with quality

Security is hard

Governance is hard

Scalability & reliability add extra complexity



Constant Change

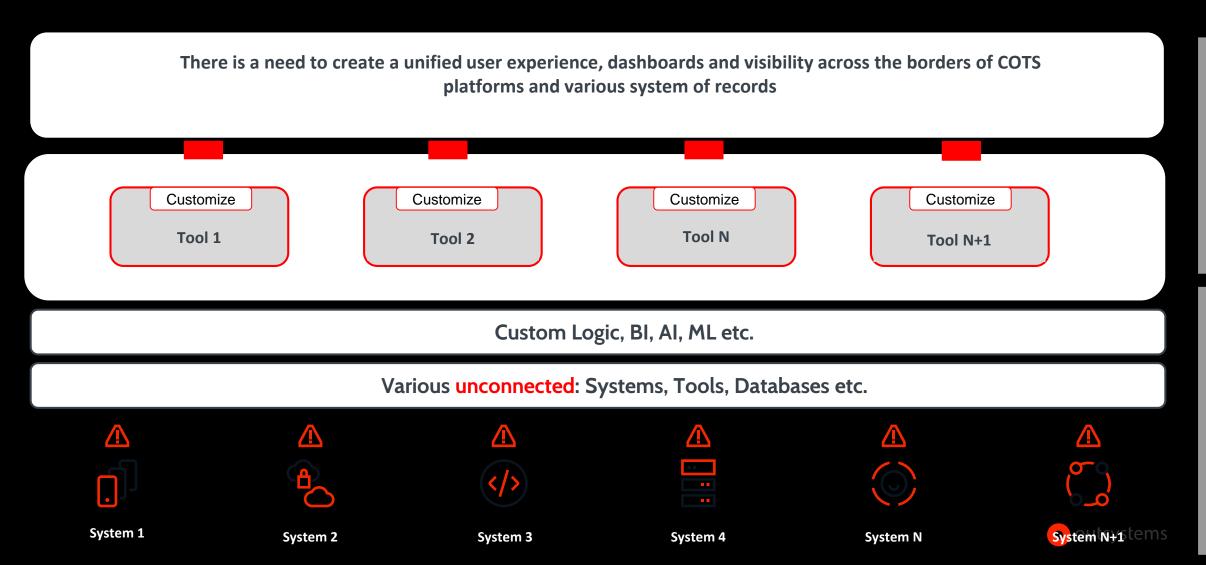
SaaS Explosion

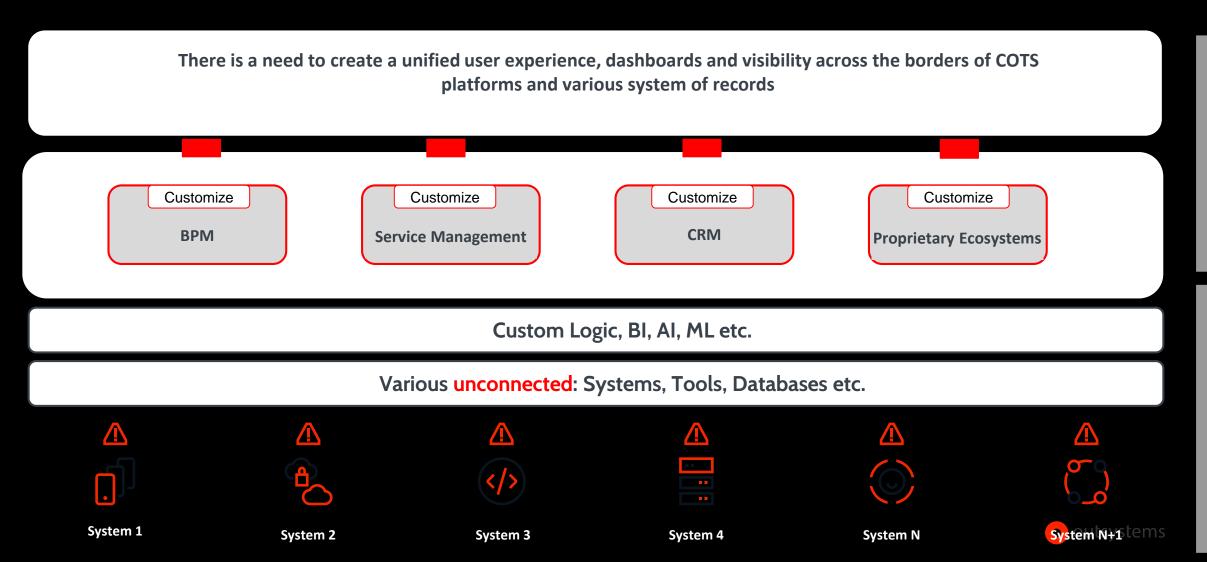
Needs change faster than apps

New technologies appear faster than apps

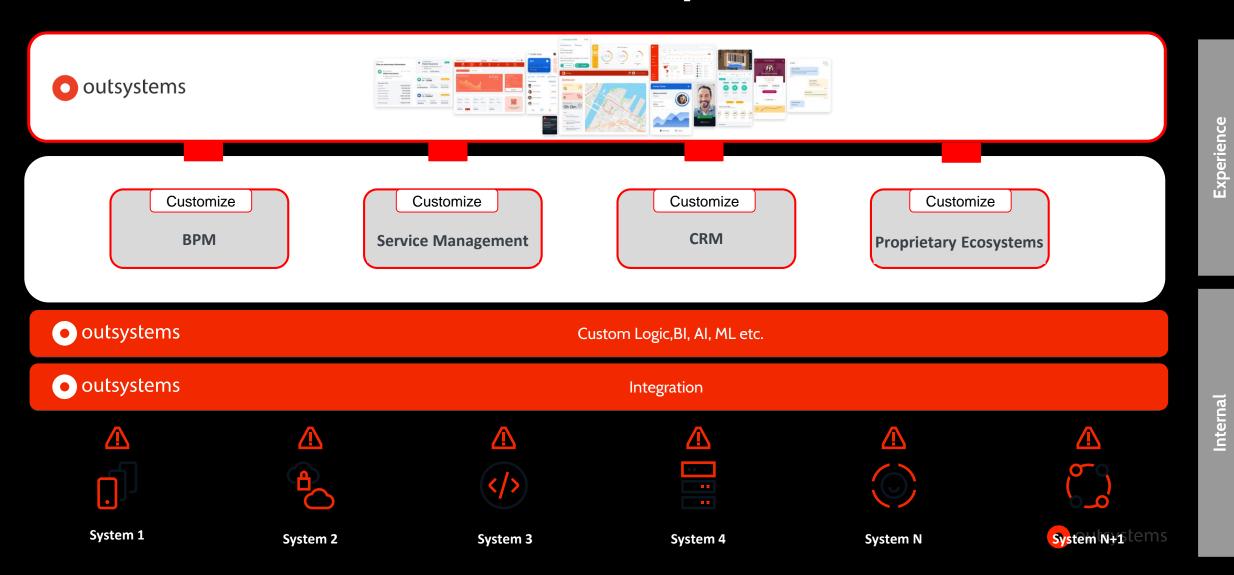
Staff turnover



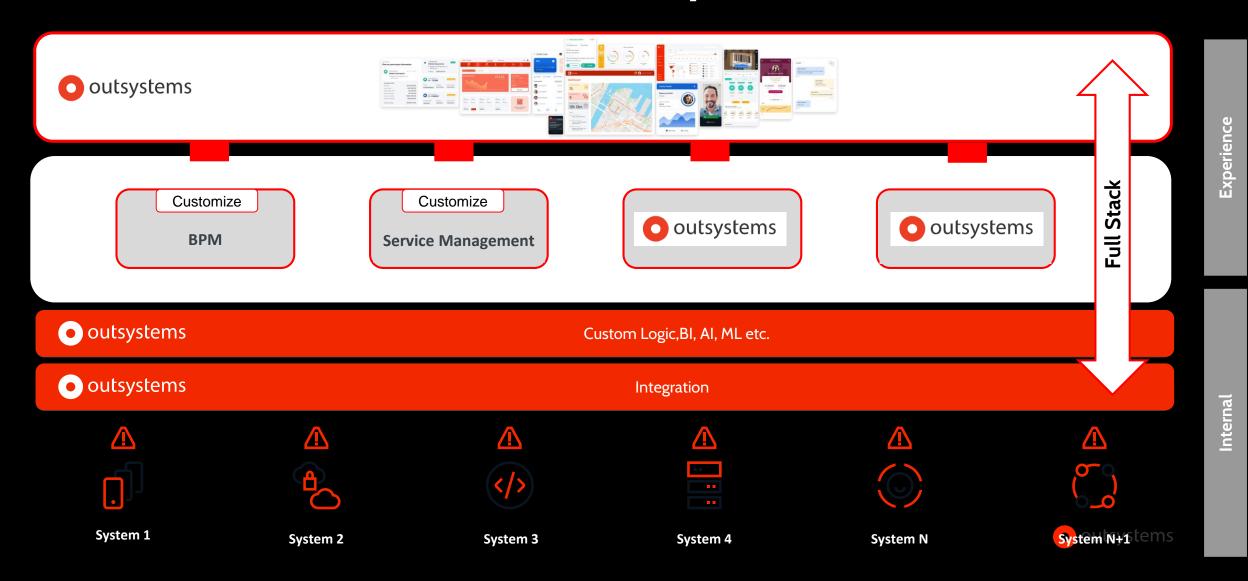




How does OutSystems fit?



How does OutSystems fit?



OutSystems is a modern application platform



Build it Fast

Serious Productivity



Build it Right

Serious Applications



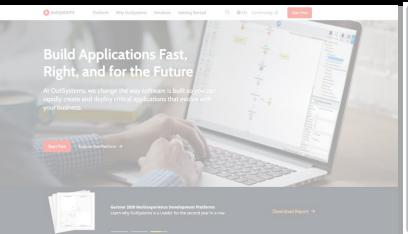
Build for the Future

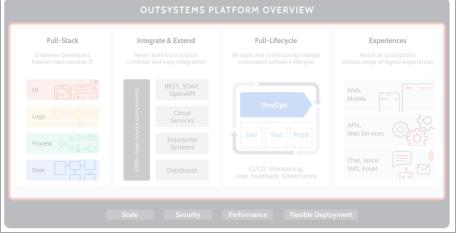
Platform for change



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Who can use OutSystems?



Workflow Builder



ML Builder



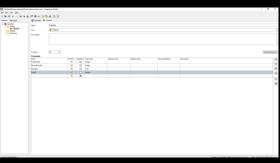
Integrations Builder



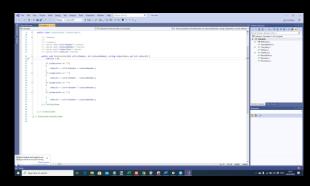
Experience Builder



Service Studio



Integration Studio



Visual Studio

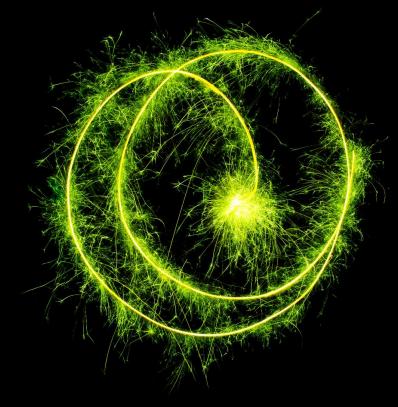
Pro-Code developer





Low-Code developer

Introducing the Workflow Builder with no-code capabilities



North star

Be able to deliver simple to medium workflow applications built by business users in minutes





Who's it for?



Business People

Allow process owners to develop

Case Management applications

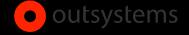
with low effort and low technical
knowledge on top of OutSystems

platform.



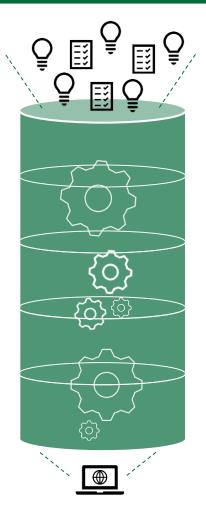
Developers

Allow developers to use pre-built case management functions that fit specific use cases, built on top of OS platform BPT capabilities



Include the entire organization in the digital innovation process

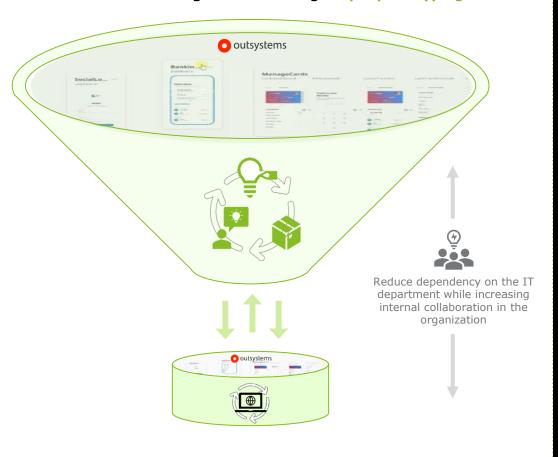
Traditional approach



The ability to build prototypes and test out ideas to solve business needs is is constrained by the capacity of the IT organization

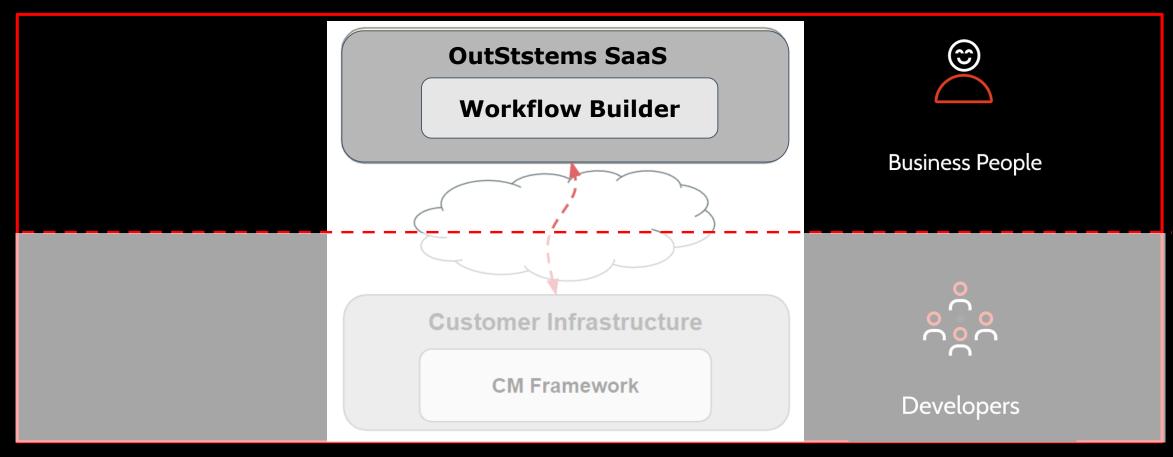
With OutSystems

The entire organization contributes to development of software and testing of ideas through rapid prototyping



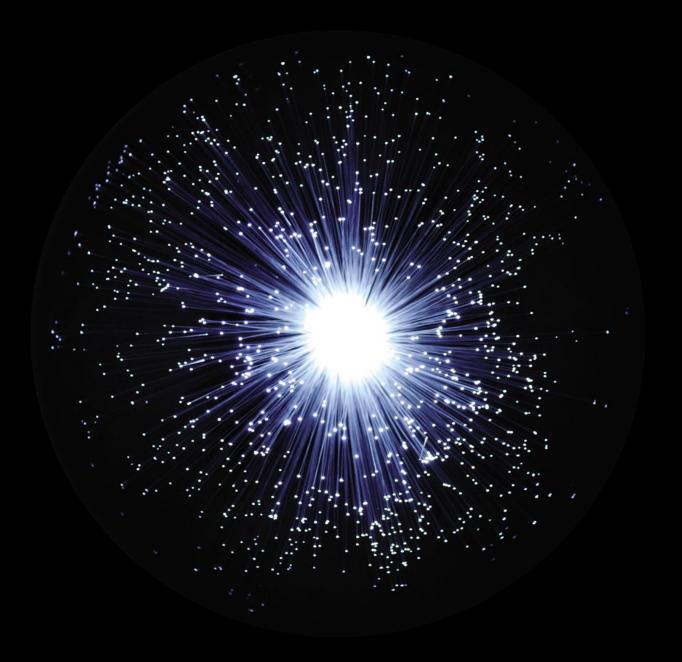
IT teams can focus on selected prototypes and development tasks

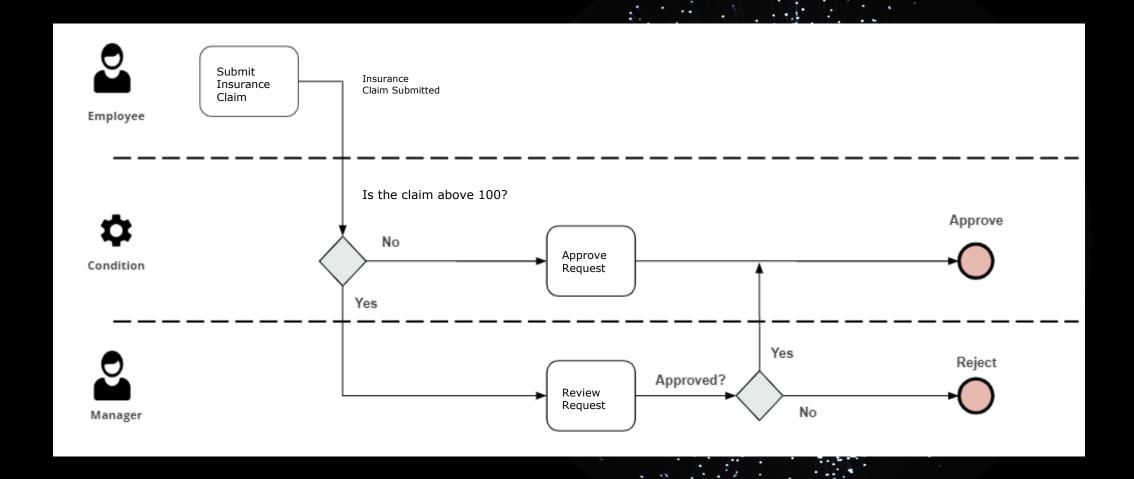
How does it work?

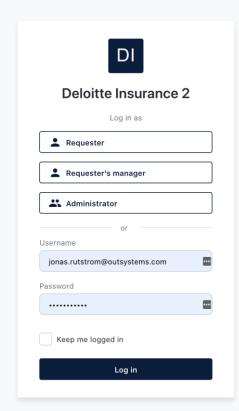


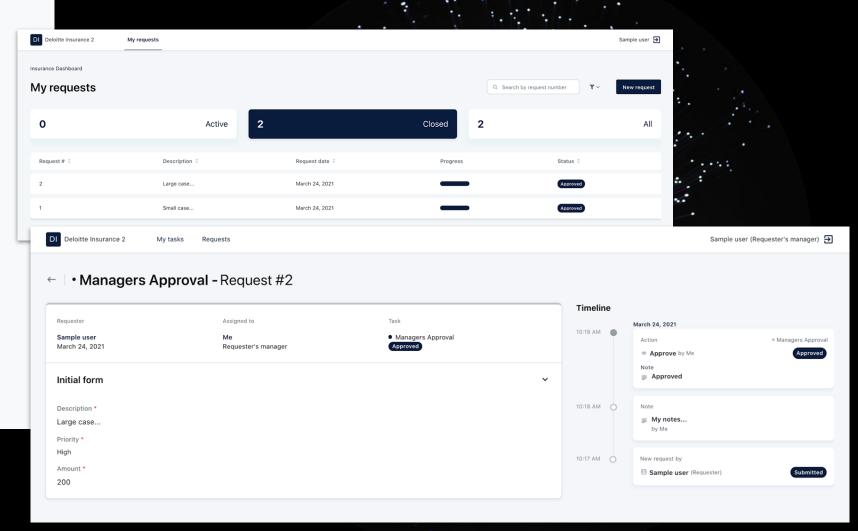


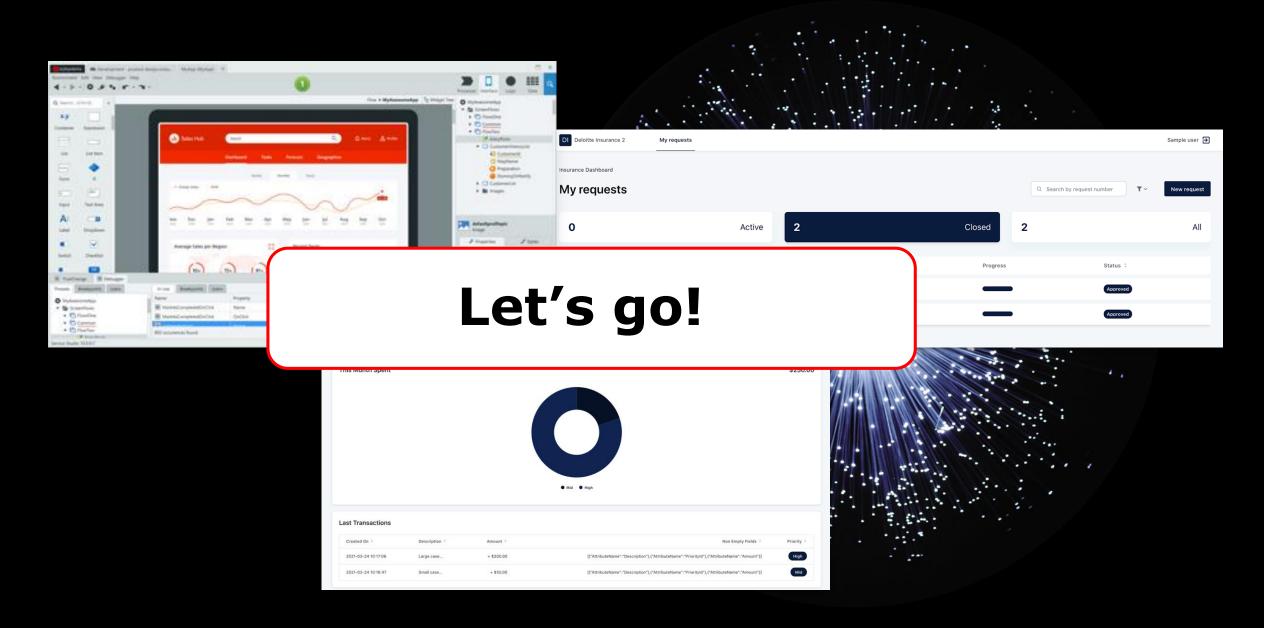
Demo time!











Common Workflow Builder use cases

SimpleInternal Productivity Apps

Expense Approval

Employee on-boarding

Employee Performance

Vacations Approval

Timesheet management

Travel Request



Medium

Department & Operation Apps

Support cases

Inspections

Supply chain

Supplier Management

Contract management



Complex

LoB & Industry Apps

Claims Handling

Policy Underwriting

Loans Origination

Shipping & distribution

Fraud detection and management

Form triggered

Simple workflows

Task Operations

Notifications & Alerts

Simple Business Rules

Access Control

Event triggered

Multi Experience

Intelligent Mobility

Integrated with Services

Audited Transactions

Monitoring & Real Time Analytics

Deep UX Orchestration

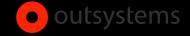
Long lived processes

Complex Business Rules

Integrated with Core Systems

Regulatory compliance

Business Continuity



Use Cases and Core needs

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!

Q&A



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