



# Components & Tools

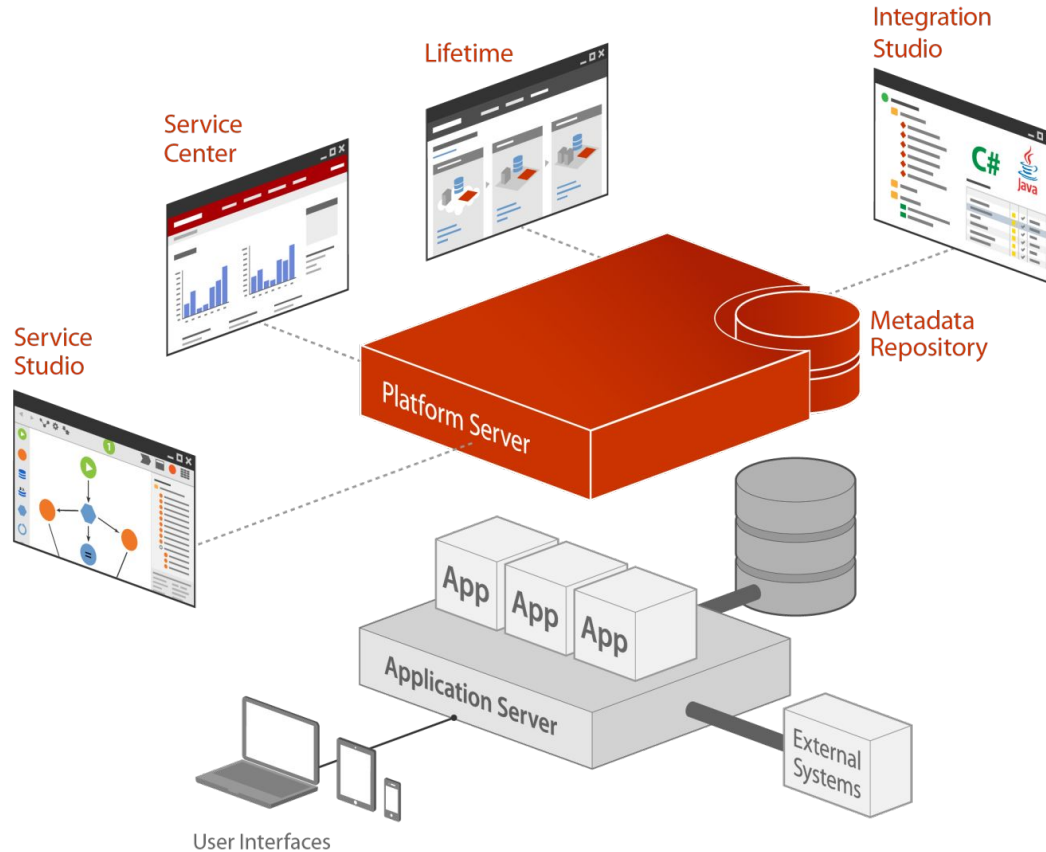
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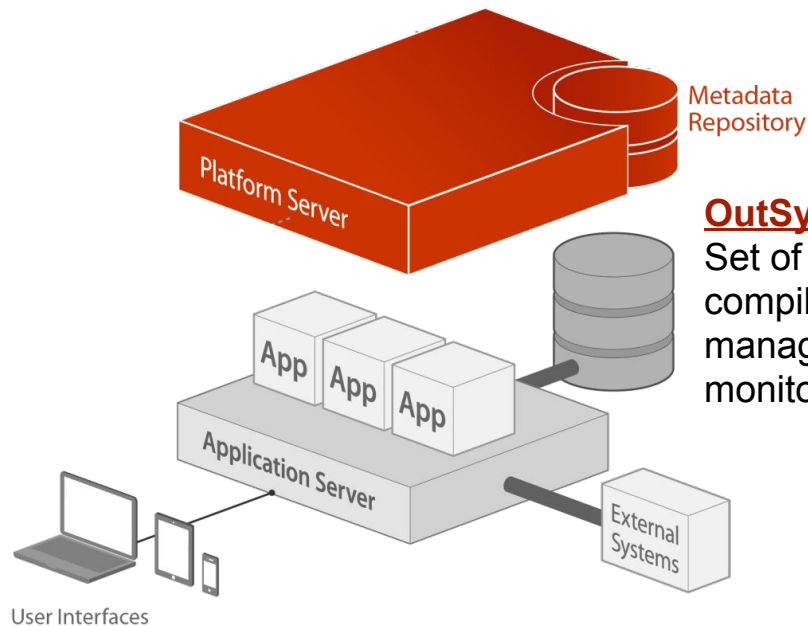
# Topics

- What components and tools does OutSystems provide?
  - The OutSystems Server
  - Development: Service Studio & Integration Studio
  - Admin & Ops: Service Center & LifeTime
  - OutSystems Forge and Community

# OutSystems components & tools



# The OutSystems Server



Metadata  
Repository

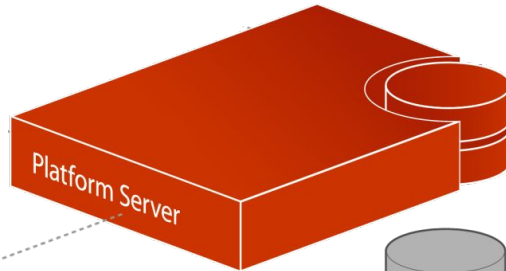
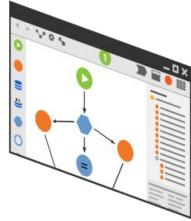
## OutSystems Server

Set of servers that compiles, deploys, manages, runs, and monitors apps

# Service Studio

## Service Studio

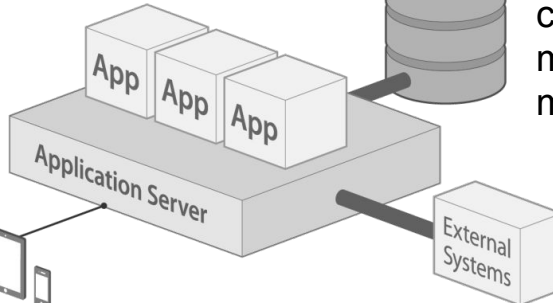
Development environment for web and mobile apps



Metadata Repository

## OutSystems Server

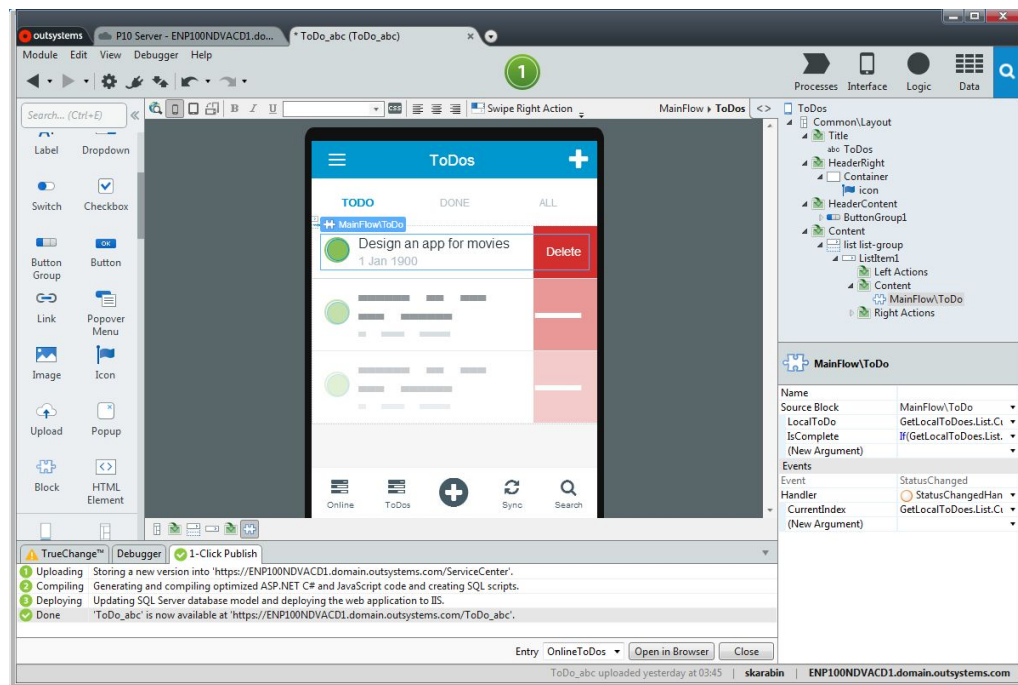
Set of servers that compiles, deploys, manages, runs, and monitors apps



User Interfaces

# Service Studio

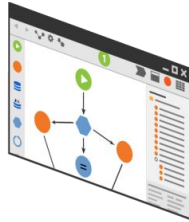
Low-code visual development environment that enables developers to rapidly create amazing mobile and web applications



# Integration Studio

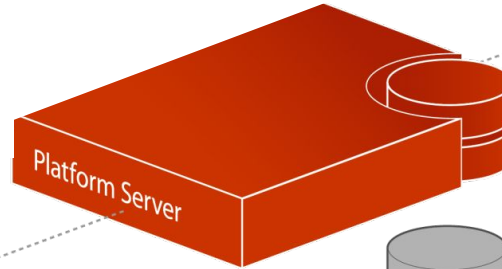
## Service Studio

Development environment for web and mobile apps



## Integration Studio

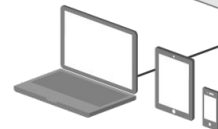
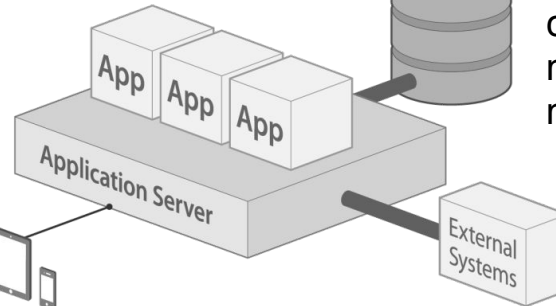
Development environment for integrating external resources



Metadata Repository

## OutSystems Server

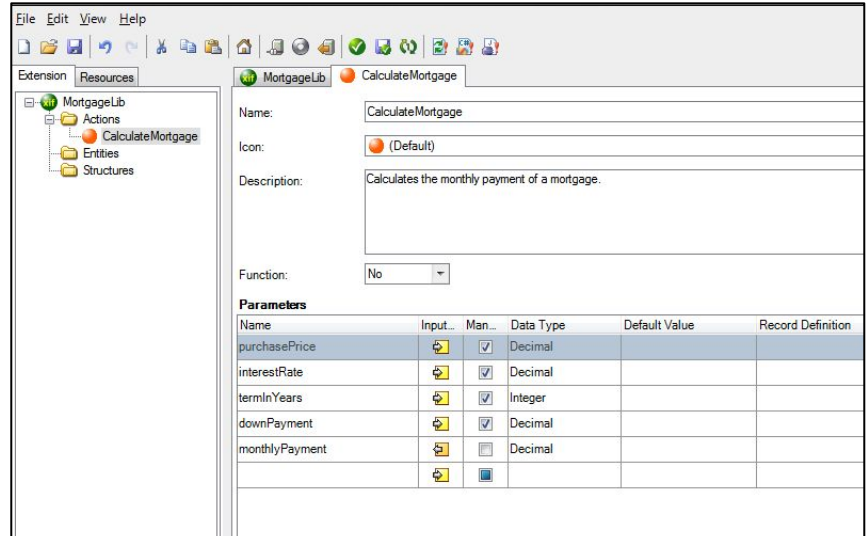
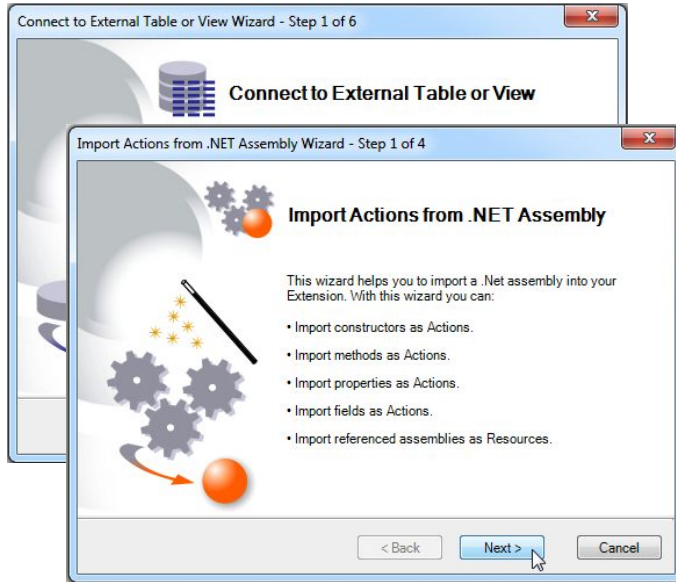
Set of servers that compiles, deploys, manages, runs, and monitors apps





# Integration Studio

Development environment that enables developers to integrate existing data and code as well as create .NET code extensions

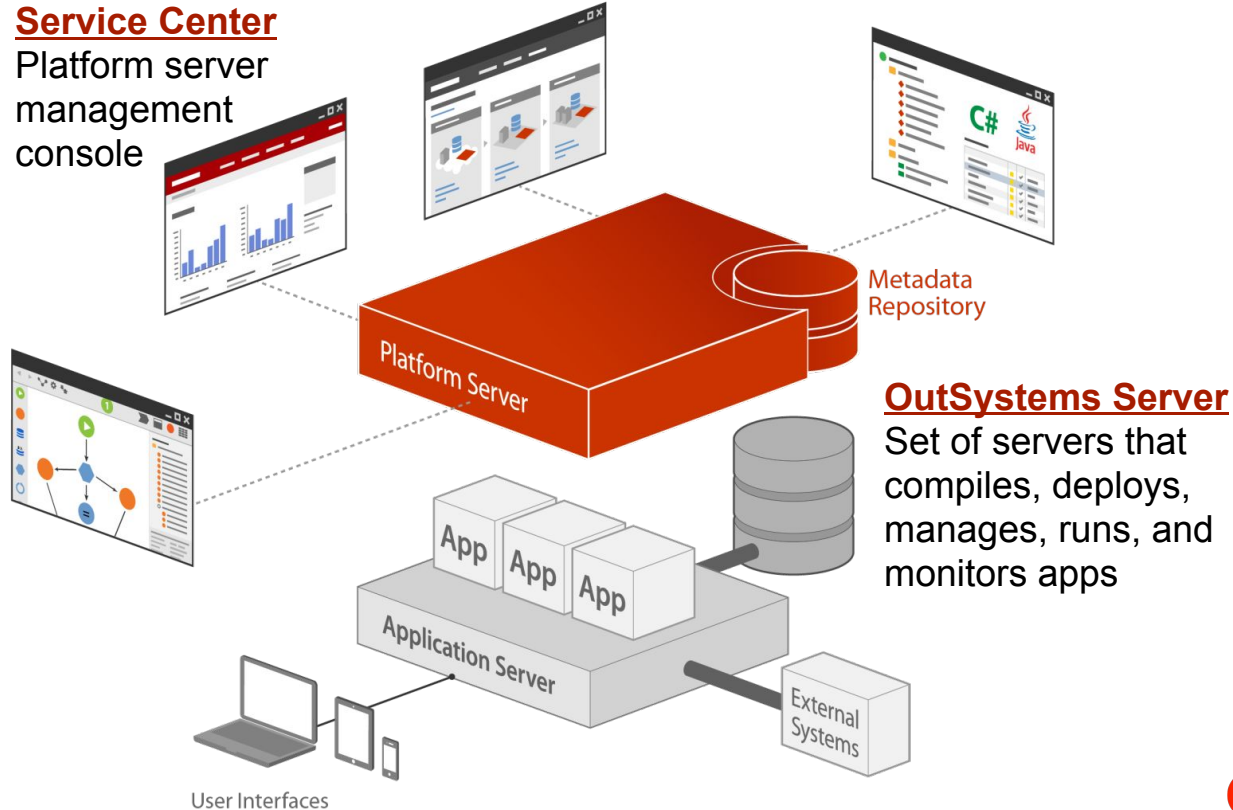




# Service Center

## Service Center

Platform server  
management  
console



# Service Center

Administration console, accessible via a browser, that provides access to the platform server configuration for administration & operations teams

outsystems platform

Factory

Monitoring

Administration

Analytics

Administrator · Logout

Search...

P10 Server

Errors · General · Web Requests · Mobile Requests · Integrations · Extensions · Timers · SMS · Emails · Processes · Mobile Apps · Environment Health · Security

### Environment Health

[Refresh Data](#)

Displays the current status of the platform server separated by Front-end Servers, SMS Gateway, and Timers activity. A green ...

#### Front-end Servers

Displays the IP address of the Front-end Servers, and the status of the following services: Deployment Controller service; SMS ...

Front-end Server	IP Address	Deploy. Controller	SMS Connector	Scheduler	Log	Deployment	IIS	Mobile Apps Service
enp100ndvacd1 (Controller)	127.0.0.1	✓ <a href="#">detail</a>	✓ <a href="#">detail</a>	✓ <a href="#">detail</a>	✓ <a href="#">detail</a>	✓ <a href="#">detail</a>	✓	✓ <a href="#">detail</a>

#### Processes

Displays the current number of active process instances, suspended process instances, queued process flow activities, and queued ...

Process Instances	Activity Instances	Events
Active: 0	Queued: 0	Queued: 0
Suspended: 0	With Errors: 0	With Errors: 0

#### Timers

Lists which timers will be executed next, ordered by their Next Run time, and the additional information: Name of the eSpace, or ...

Espace	Tenant	Timer	Last Run (duration)	Next Run	Running since (duration)	Running By
<a href="#">PerformanceMonitor</a>		<a href="#">GroupRawData</a>	2016-09-23 17:30:02 (0s)	2016-09-23 17:45:00		
(System)		<a href="#">ErrorLogMonitor</a>	2016-09-23 17:30:03 (0s)	2016-09-23 17:45:00		
(System)		<a href="#">CleanAndroidDownloads</a>	2016-09-23 17:30:04 (0s)	2016-09-23 17:45:00		

Manage all environments

P10 Server

Unlimited Edition  
Licensed to OutSystems

Development mode  
Version 10.0.104.0

17:38 Fri 2016-09-23

Recent items

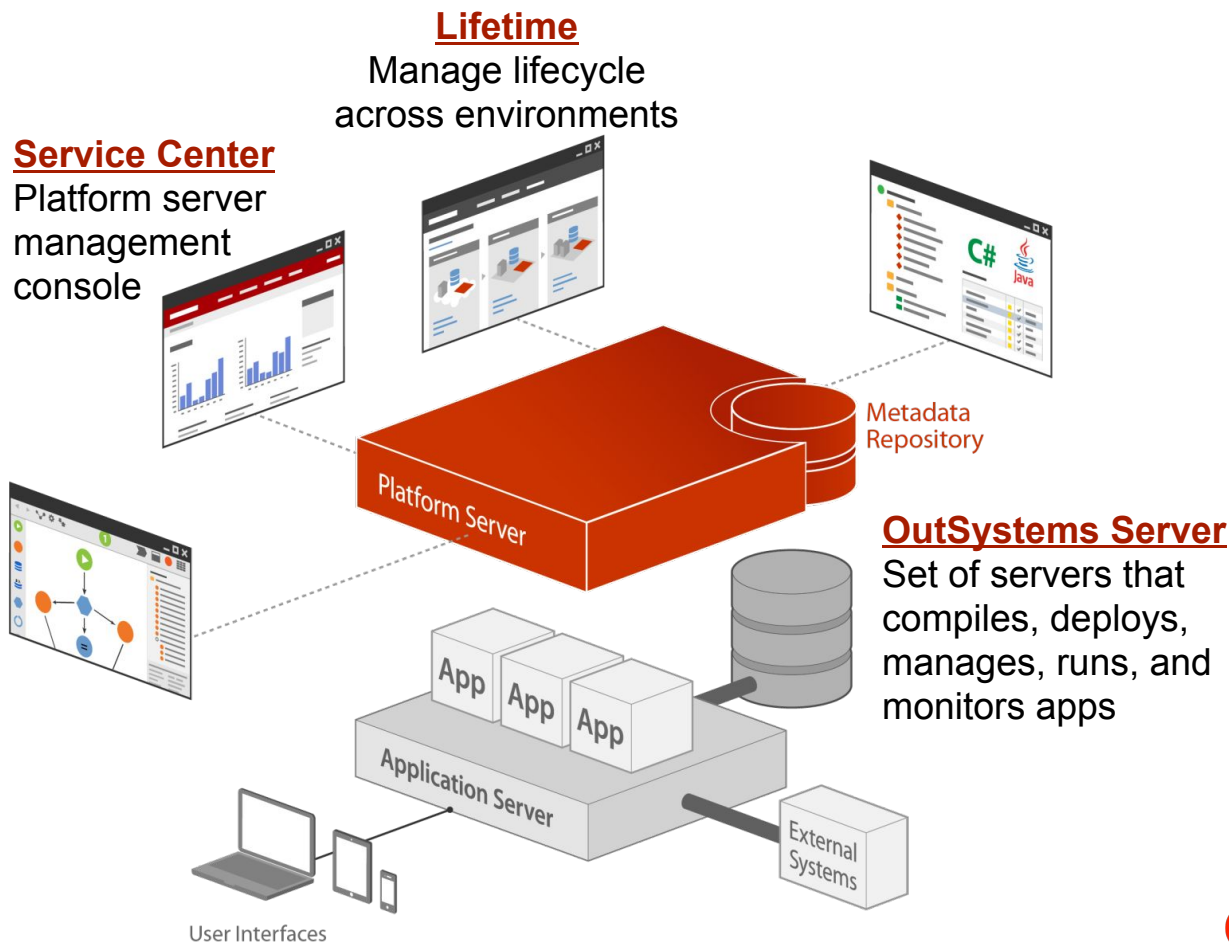
[eSpace](#)

[Application](#)

[eSpace](#)











[Application](#)

# LifeTime

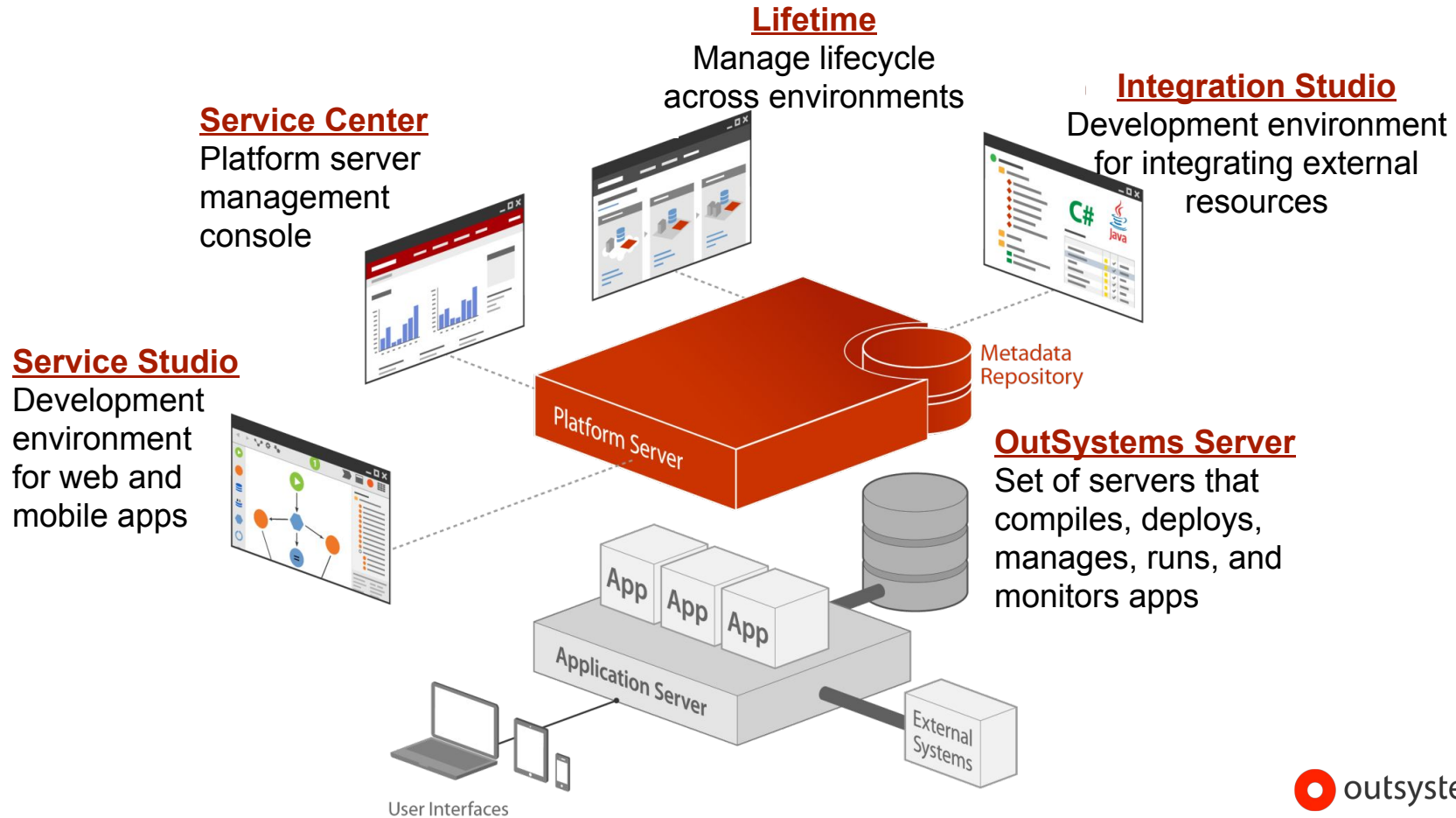


# LifeTime

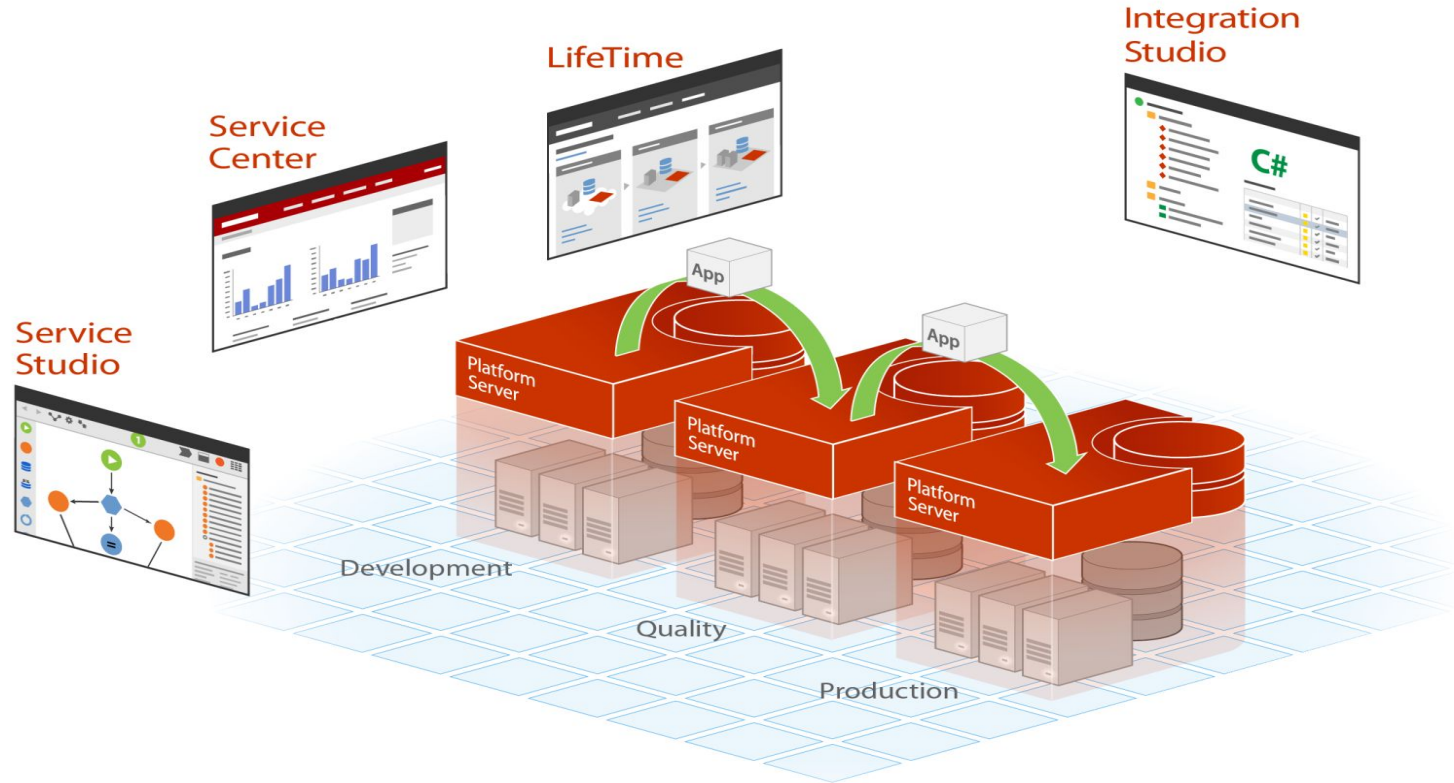
A web app that extends Service Center's capabilities to cross environment scenarios. Provides complete application lifecycle management via a browser.

outsystems platform									
APPLICATIONS    USERS & ROLES    INFRASTRUCTURE    ANALYTICS									
Admin ?									
		Silk Development ▾		DEPLOY	Apps Development ▾		DEPLOY	Integration ▾	
	BarcodePlugin	0.1.3	Sep 22, 23:17 Ricardo Soeiro		1.2	Sep 21, 16:15 Daniel Luz		1.2	Sep 21, 17:11 Daniel Luz
	CameraPlugin	0.1.4+	Sep 22, 23:14 Ricardo Soeiro		0.1.1+	Sep 20, 18:42 Bruno Gracio	⚠	0.1.3+	Sep 19, 17:22 Carlos Simões
	ChartsOrientationChange	0.1+	Sep 22, 23:14 Ricardo Soeiro	🍏					
	ContactsPlugin	0.1+	Sep 22, 23:09 Ricardo Soeiro		1.1+	Sep 20, 18:44 Bruno Gracio	⚠	0.1.2+	Sep 19, 17:22 Carlos Simões
	Directory Mobile	0.1.2+	Sep 22, 23:18 Ricardo Soeiro		1.3.2+	Sep 22, 00:15 Mágda Pereira	⚠	1.3.2+	Sep 22, 14:52 Daniel Luz
	Employee Services P10	0.1.3+	Sep 22, 23:08 Ricardo Soeiro	❌					
	Google Maps	1.0+	Sep 22, 23:01 Ricardo Soeiro		0.1.2+	Sep 16, 20:43 Daniel Luz		0.1.1+	Sep 19, 17:22 Carlos Simões
	Lisbon Template	1.3+	Sep 22, 22:58 Ricardo Soeiro		1.3+	Sep 16, 20:33 Daniel Luz		0.1.1+	Sep 19, 17:21 Carlos Simões
	OutSystems Now	1.0+	Sep 22, 23:01 Ricardo Soeiro		1.0.1+	Sep 16, 20:32 Daniel Luz		0.1+	Sep 19, 17:18 Carlos Simões
	Silk UI Mobile	1.8	Sep 23, 18:00 Dinis Carvalho		1.7.2	Sep 19, 14:25 Daniel Luz		1.7.2	Sep 19, 17:21 Carlos Simões

# OutSystems components



# Typical Enterprise environments



# OutSystems Forge

Source of downloadable components to help speed app delivery

## Popular components

- Silk UI Web / Mobile
- OutSystems Now
- Google Maps
- Templates
- Plugins
- Html2PdfConverter
- and many, many more...

## Forge

OutSystems Forge is a repository of reusable application modules, connectors and components that speed application delivery.

PUBLISH NEW PROJECT

FORGE FAQS



### Google Maps Mobile

Google Maps Mobile provides Web Blocks and Actions to add interactive maps, markers, and directions.

1319 components available

Sort by: Most Popular

Search: Type to search for open source projects

CATEGORIES

- All Categories
- Featured
- Applications
- Components
- Widgets
- Connectors
- Reporting
- Libraries
- Themes
- Plug-ins
- How-tos
- Templates

STACK

- All
- .NET
- Java

PLATFORM

- All Versions
- OutSystems 10

### Silk UI Web

Published by OutSystems R&D

A fully responsive and beautiful UI framework that works within the...

★★★★★ (49) 9487 FEATURED SUPPORTED

### Dublin Template

Published by OutSystems R&D

A fully-responsive Silk UI Theme with a prominent left menu and a gorgeous...

★★★★★ (20) 6540 FEATURED

### Lisbon Template

Published by OutSystems R&D

A fully-responsive Silk UI Theme with a compact layout for web apps and...

★★★★★ (14) 2965 FEATURED

### Liverpool Template

Published by OutSystems R&D

Silk UI fully-responsive Theme with a similar layout to the London theme, it...

★★★★★ (14) 2670 FEATURED

### OutSystems Now

Published by OutSystems R&D

OutSystems Now brings your OutSystems experience to any device.

★★★★★ (34) 5813 FEATURED SUPPORTED

### Vanilla Template

Published by OutSystems R&D

Silk UI Theme where you'll want to start for something completely new th...

★★★★★ (15) 1751 FEATURED



# Community Forums

A great place to exchange tips and to search for help.

Useful for beginner and seasoned OutSystems developers alike!

Search the Forums   or

**MEMBERS** 130 774 **FORGE DOWNLOADS** 307 534

**FORUM** **FORGE** **IDEAS**

**How to set background image and place contents over it in mobile app**  
Technology & Integration **3** REPLIES  
Suraj Borade replied 21 minutes ago

**Add Drawable icons to Mobile Application**  
Technology & Integration **0** REPLIES  
**MOBILE** Carlos Alfaro created 46 minutes ago

**No suitable application records were found. Verify your bundle identifi...**  
Personal Environment Troubleshooting **3** REPLIES  
Carlos Simões replied 2 hours ago

**[Google Maps Mobile] Markers options are not applied**  
Forge Discussions **0** REPLIES  
Mykola Tkachenko created 2 hours ago

**Bar chart DataPoint format for stacked chart**  
Usability **0** REPLIES  
Emilio Pereira created 2 hours ago

**Detail according to the table Calculated Field in Master Table**  
Technology & Integration **0** REPLIES  
**CALCULATED** coskun karaca created 2 hours ago

**How Process works internally in Outsystems?**  
Technology & Integration **1** REPLY  
Sattibabu Vatti replied 3 hours ago

[View More](#)

**OutSystems Job Board**

**Reditus**  
**Delivery Manager**

**Robert Half Technology**  
**Dot Net Developer**  
San Jose - United States

**Mind Source**  
**OutSystems REVOLUTIONARY • Senior Consultant in Outsystems Administration**  
Lisbon - Portugal

[View All \(152\) Jobs >](#)

**Next Events**

**Training**

**17 May** **OutSystems Platform Jump Start T..**  
Dubai, United Arab Emirates

**17 May** **OutSystems Jump Start Training**  
London, United Kingdom

**18 May** **OutSystems Platform Jump Start T..**  
Utrecht, The Netherlands

**22 May** **Support Engineer Boot Camp**  
Atlanta, United States

# Summary

- What components and tools does OutSystems provide?
  - The OutSystems Server
  - Development: Service Studio & Integration Studio
  - Admin & Ops: Service Center & LifeTime
  - OutSystems Forge and Community



# **OutSystems Components & Tools**

**Thank You!**