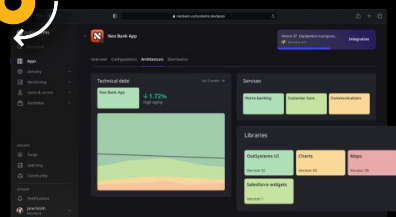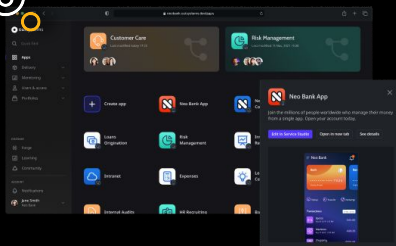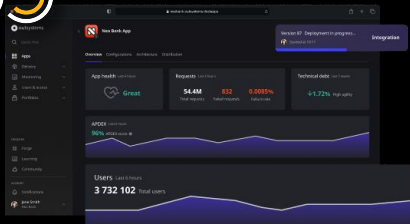# ODC

Modern, Global, Hyper Scalable, Elite Software Delivery

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ODC – OutSystems Developer Cloud

Serious Productivity

- Elite software delivery
- Modern CI/CD practices
- Unified devops experience
- Independently Scalable and Massive Scalability (Auto)
- Easy to manage
- Open Telemetry

Serious Apps

- Cloud-native
- State-of-the art cloud infra
- Build any app for any use case
- Performance Efficiency
- Reliable
- Security-by-design
- Independently Scalable and Massive Scalability
- Modern Authentication

Evergreen Platform

- Always up-to-date
- Reliable and Always on
- Pain-free Upgrades
- Platform & Runtime Segregation

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ODC is all about Risk management

Risk of downtime (from performance issues etc.)

- The average cost of downtime is $9000 per minute
- Up to $5 million per hour for Insurance companies

How ODC helps:

- Cloud Native applications build for resilience and scalability
- Platform & Runtime segregation

Risks of building on outdated technology stacks

- The average organization wastes 23-42% of their development time
- Global cyber crime costs $10.5 trillion annually

How ODC helps:

- Engine to upgrade Tech Stack without impact
- Automated security patching

Risk of running on multiple (outdated) IT systems

- Rationalized companies have a 50% faster Time to Market
- Rationalization can save 15% to 25% of the budget

How ODC helps:

- Event/BPM suitable to replace Process tooling
- Engine to release new features without impact
- Integration made easy

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How does ODC impact you?

New features and capabilities

ODC brings new and different features to the table that might be interesting for you, with GenAI assisted development at the core.

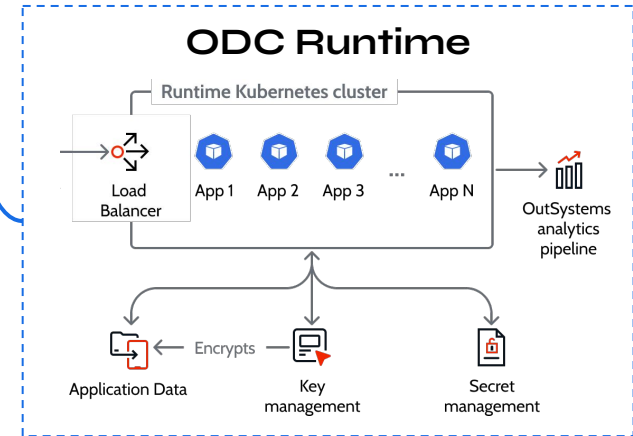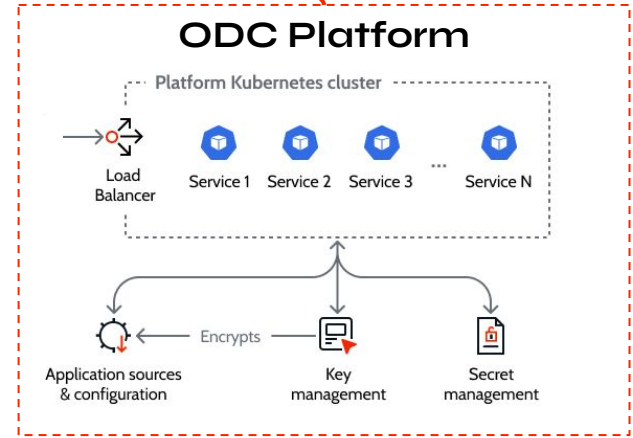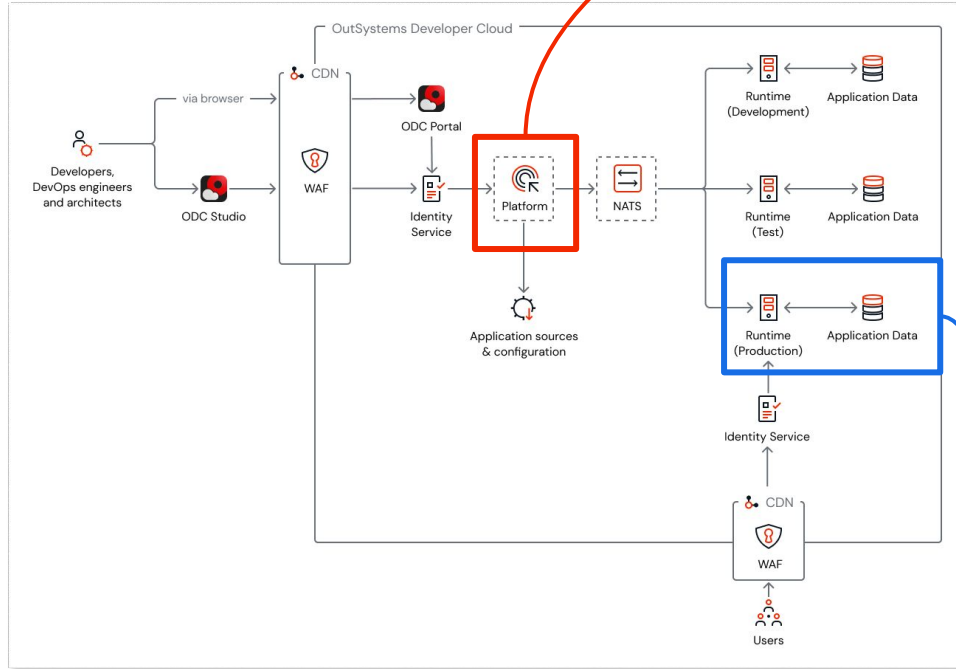### No need to worry about migration

- O11 is guaranteed till 2029
- OutSystems will support your migration, with assessments, services and tooling

Self-managed will be available at the end of the year

We are aware that you might run self hosted right now and related features will likely be available this year (EAP)
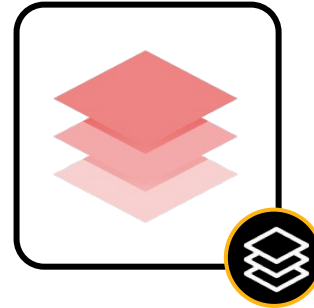
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ODC – Cloud Architecture

ODC – App Architecture

Application

Library

Applications

Application

- Encapsulates **business concepts, UI, logic** and **data** of a specific **business context**
- **Loosely coupled** between each other by definition
- Has an **independent life cycle**
- Can be **used to :**
  - Hold **user interfaces**, Screens and business Blocks
  - Expose APIs in a **microservices** approach through Service Actions
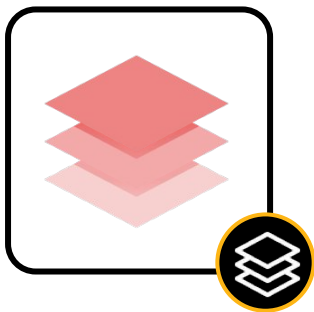 - Implement **asynchronous processing** using Timers

User Interfaces
Web / Mobile

Microservices
Service Actions / REST APIs

**Asynchronous
Processing**

Libraries

Library

- **Share code** with applications or other libraries
- **Packaged into a version** that is **included into** the **application container**
- Are **strongly coupled** with consumer **applications** for fast code execution
- Can be used to **implement business agnostic components** like:
  - Reusable UI: Blocks, Patterns and Layouts
  - Themes
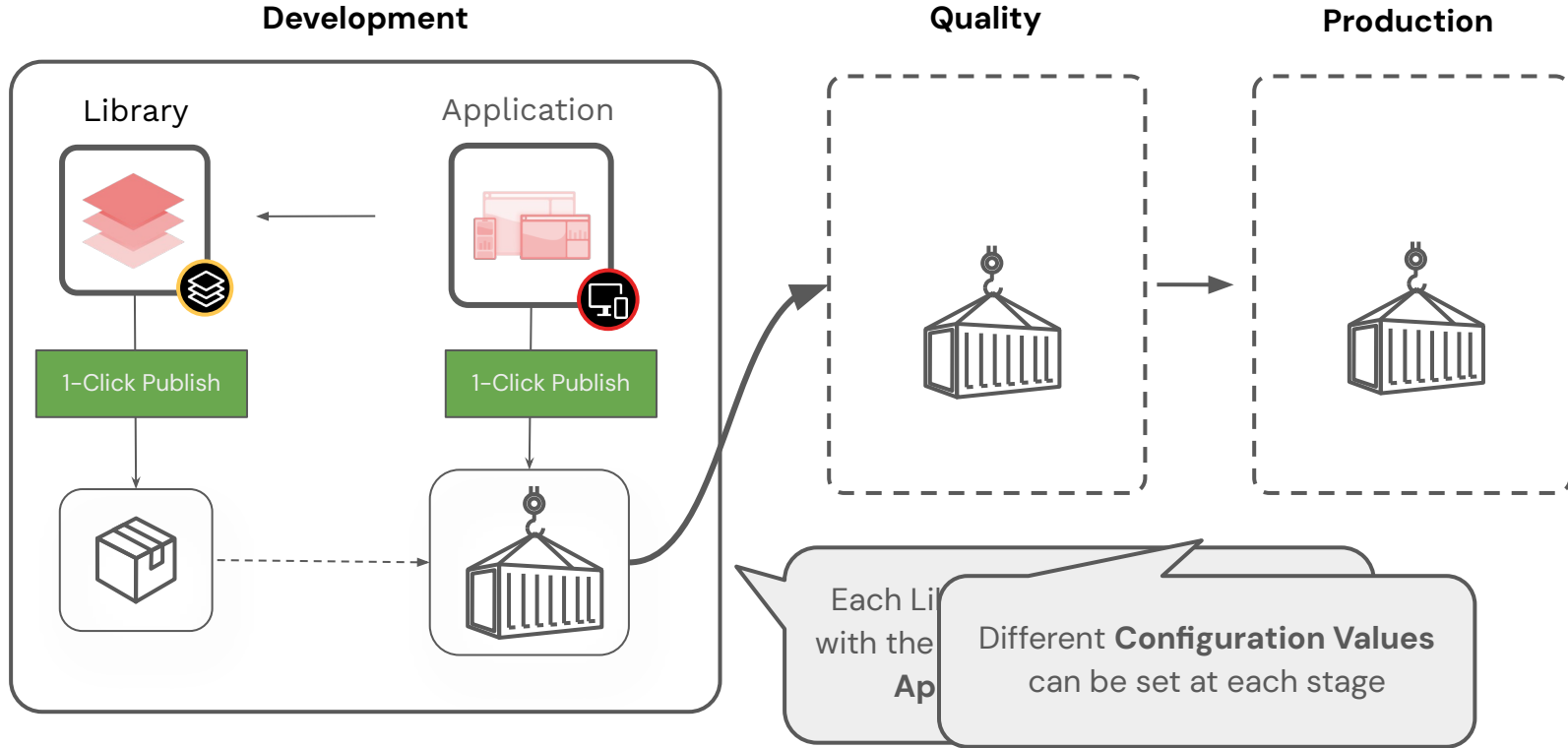 - Integration Wrappers
  - Logic Utilities

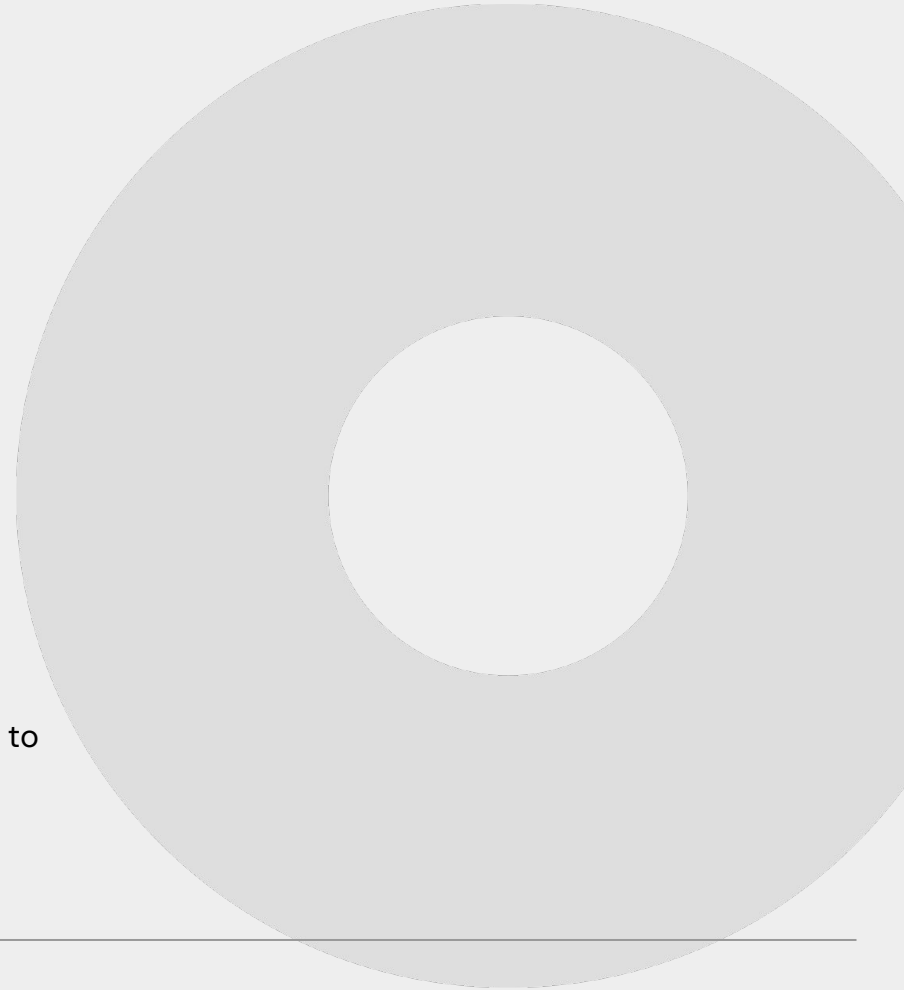| **Reusable UI** Blocks / Patterns / Layouts	**Themes**	**Integration Wrappers**	**Logic Utilities**

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How to combine both?

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The code word is:
Pancakes

Put it into the presentation challenge to get points for listening to me:-D

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And come to **ONE**!