

엔터프라이즈 Low-Code Platform 글로벌 리더,

아웃시스템즈를 통한 개발 생산성 극대화

발표자 : 아웃시스템즈 코리아 최지수 영업대표

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- | | |
|----|------------------------------|
| 01 | 2025 Market Trends |
| 02 | Why Low-Code ? |
| 03 | Why OutSystems ? |
| 04 | Platform overview |
| 05 | AI-Powered Outsystems Mentor |
-

2025 Market Trends

Which technologies are top of mind for CIOs in 2025 and planned for 2027?





State of Technology Deployment

Percentage of **United States** Respondents

Top 3 Technologies Deployed by 2025



Artificial Intelligence

71%



Generative Artificial Intelligence

68%



Low-Code/No-Code Development Platform

53%

Percentage of United States Respondents

Top 3 Technologies Deployed by 2027



Artificial Intelligence

96%



Generative Artificial Intelligence

96%



Low-Code/No-Code Development Platform

76%

n = 773; United States CIOs and Technology Executives answering

Q. What are your enterprise's deployment plans for the following digital technologies?

Source: 2025 Gartner CIO and Technology Executive Survey



State of Technology Deployment

Percentage of **DACH** Respondents

Top 3 Technologies Deployed by 2025



Generative Artificial Intelligence

85%



Artificial Intelligence

79%



Low-Code/No-Code Development Platform

61%

Percentage of DACH Respondents

Top 3 Technologies Deployed by 2027



Artificial Intelligence

99%



Generative Artificial Intelligence

99%



Low-Code/No-Code Development Platform

82%

n = 234; DACH CIOs and Technology Executives answering

Q. What are your enterprise's deployment plans for the following digital technologies?

Source: 2025 Gartner CIO and Technology Executive Survey



State of Technology Deployment

Percentage of Southeast **Asia** Respondents

Top 3 Technologies Deployed by 2025



Low-Code/No-Code
Development Platform

77%



Generative Artificial
Intelligence

73%



Artificial Intelligence

70%

Percentage of Southeast Asia Respondents

Top 3 Technologies Deployed by 2027



Artificial Intelligence

95%



Generative Artificial
Intelligence

95%



Low-Code/No-Code
Development Platform

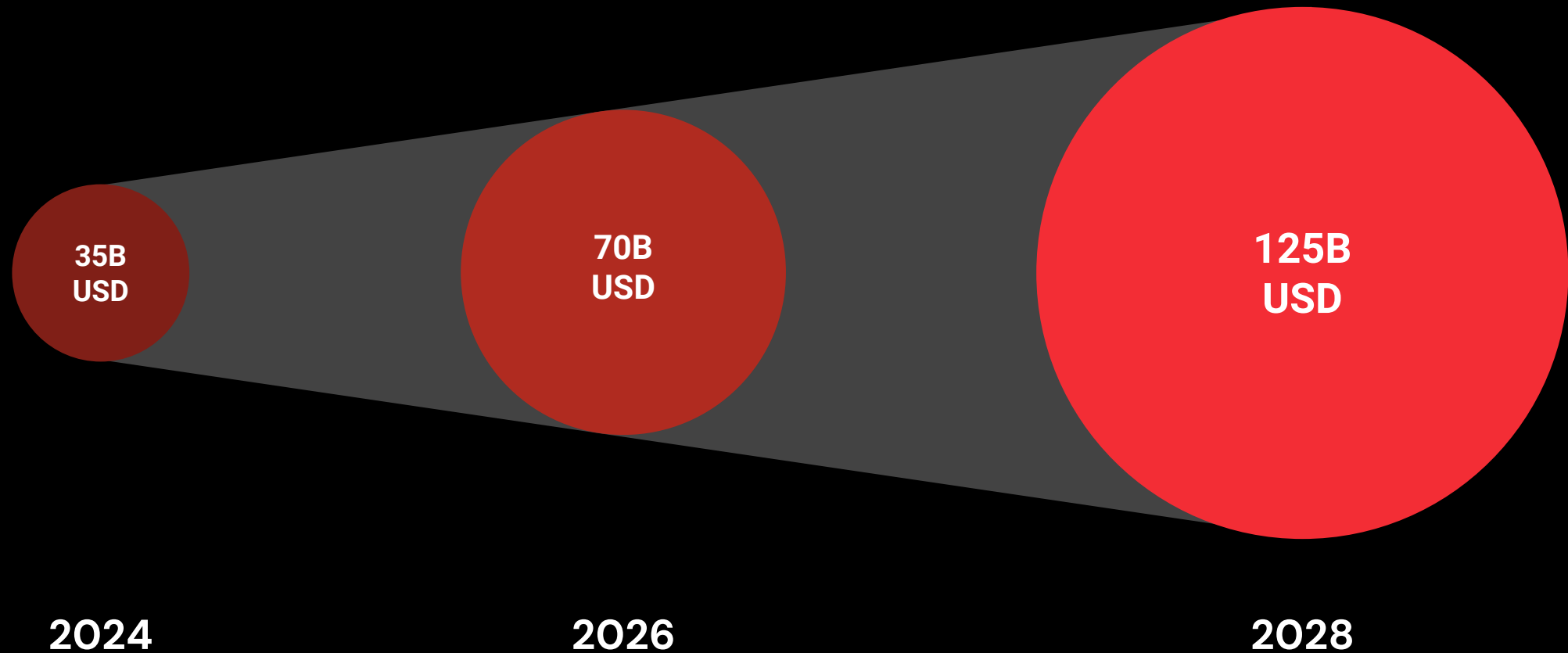
95%

n = 56; Southeast Asia CIOs and Technology Executives answering

Q. What are your enterprise's deployment plans for the following digital technologies?

Source: 2025 Gartner CIO and Technology Executive Survey

Low-Code Market Growth



Why Low-Code?



Traditional Code

```
int LongestCommonSubsequenceLength( const std::string &first,
                                   const std::string &second ) {
    const std::string &longer = first.size() > second.size() ? first : second;
    const std::string &shorter = first.size() > second.size() ? second : first;

    int longer_len = longer.size();
    int shorter_len = shorter.size();

    std::vector<int> previous( shorter_len + 1, 0 );
    std::vector<int> current( shorter_len + 1, 0 );

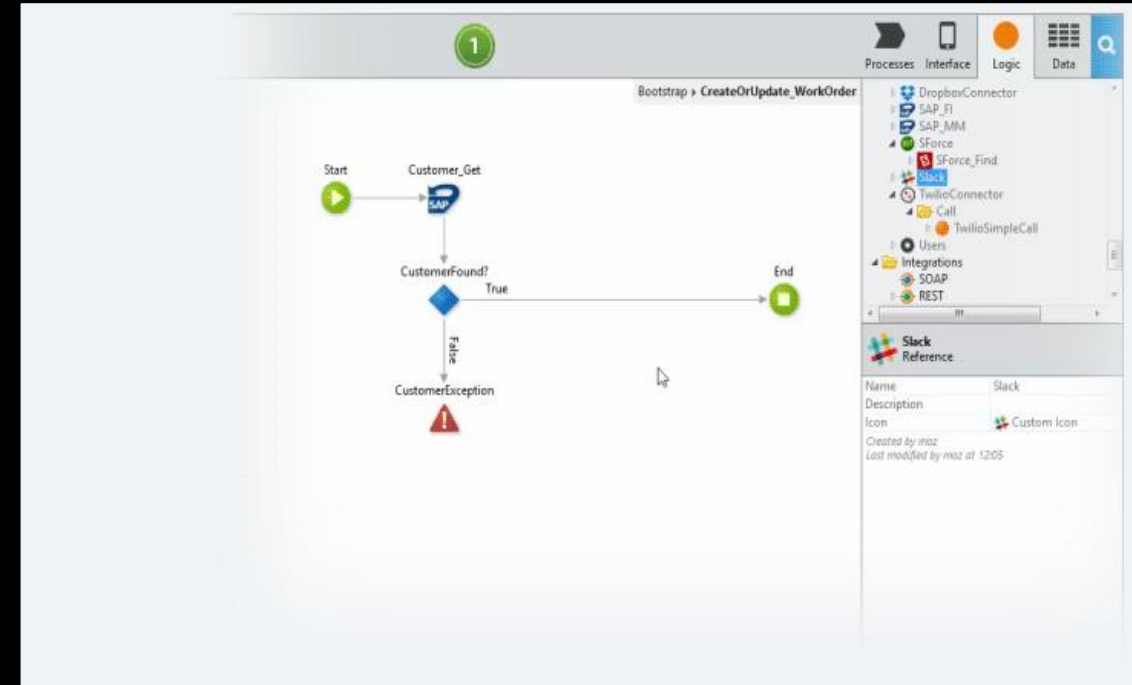
    for ( int i = 0; i < longer_len; ++i ) {
        for ( int j = 0; j < shorter_len; ++j ) {
            if ( toupper( longer[ i ] ) == toupper( shorter[ j ] ) )
                current[ j + 1 ] = previous[ j ] + 1;
            else
                current[ j + 1 ] = std::max( current[ j ], previous[ j + 1 ] );
        }

        for ( int j = 0; j < shorter_len; ++j ) {
            previous[ j + 1 ] = current[ j + 1 ];
        }
    }

    return current[ shorter_len ];
}
```

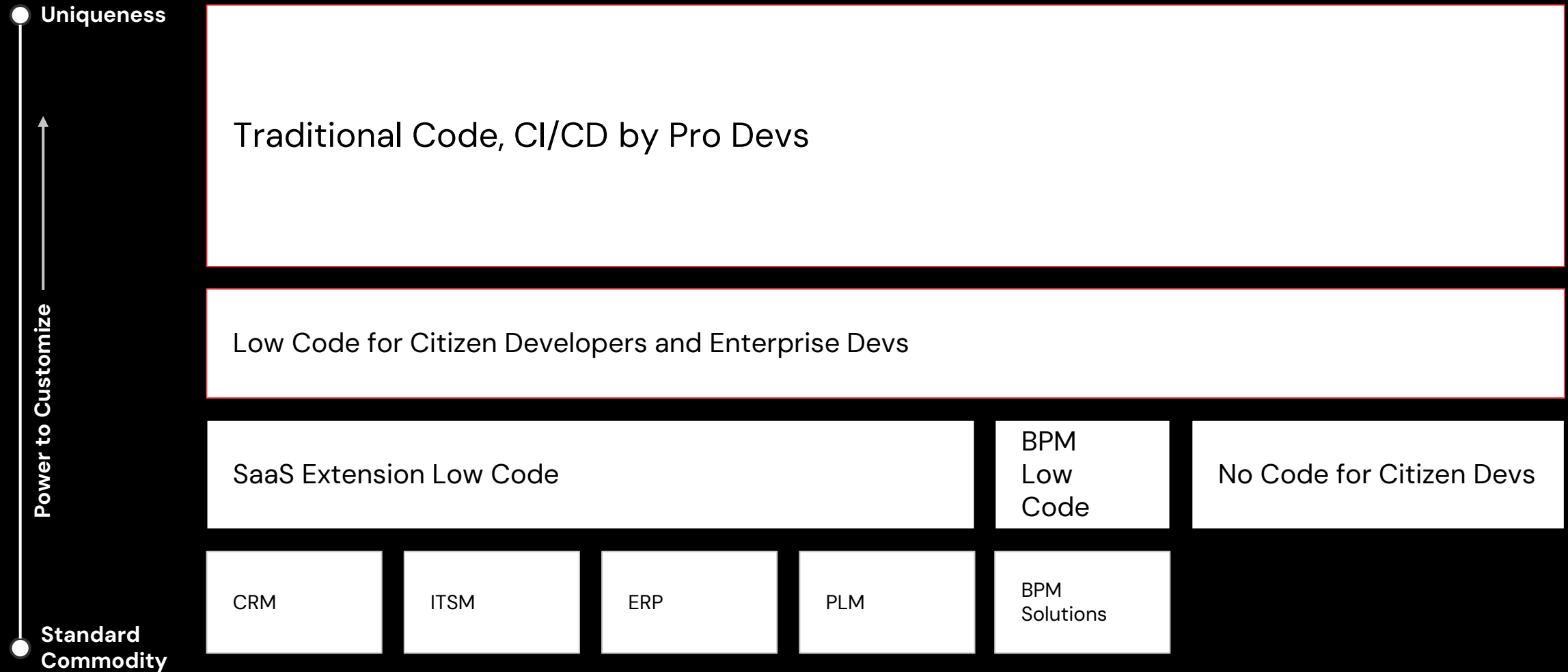
- 어려운 가독성
- 내용 변경이 어려움
- 개발의 장기화
- 엔지니어 스킬 의존 높음

Low-Code

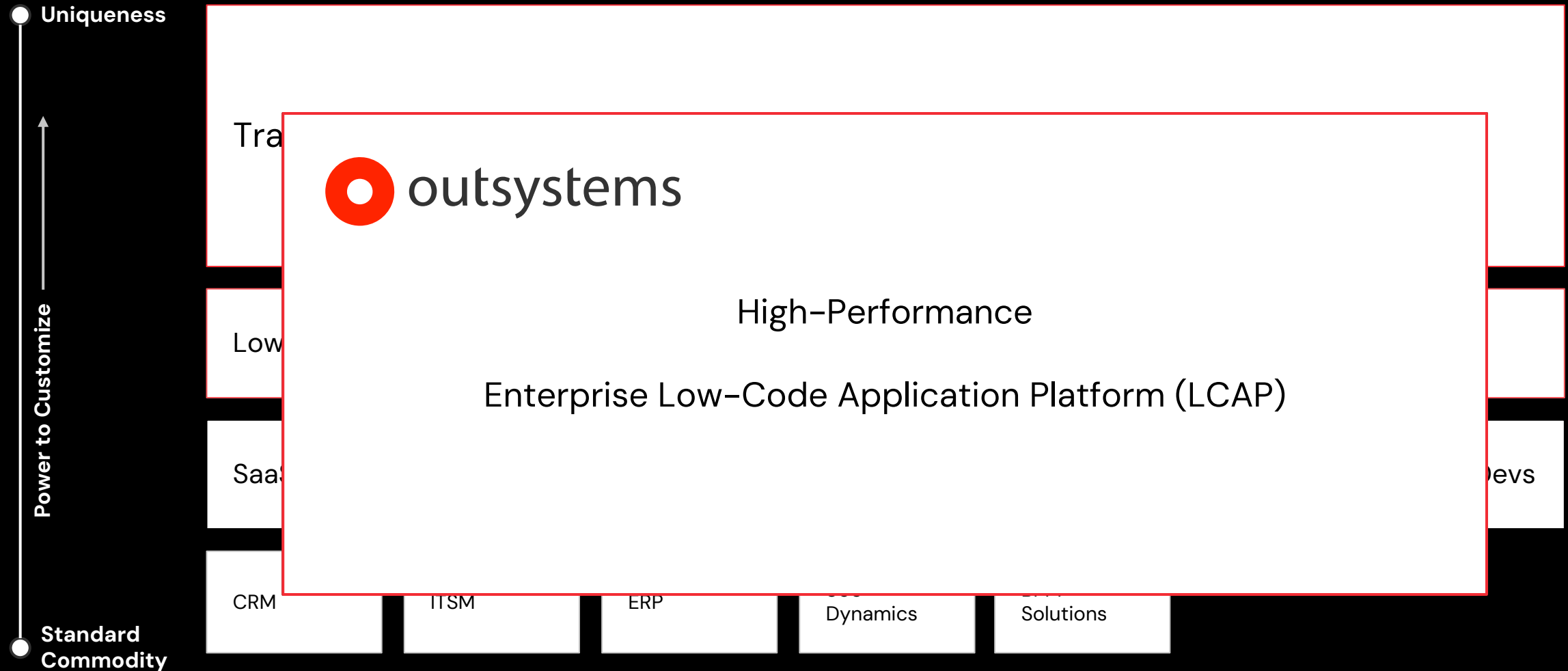


- 시각적이고 직관적인 고속 개발
- 내용 변경이 용이
- 엔지니어 업스킬 쉬움
- 코드 자동 생성

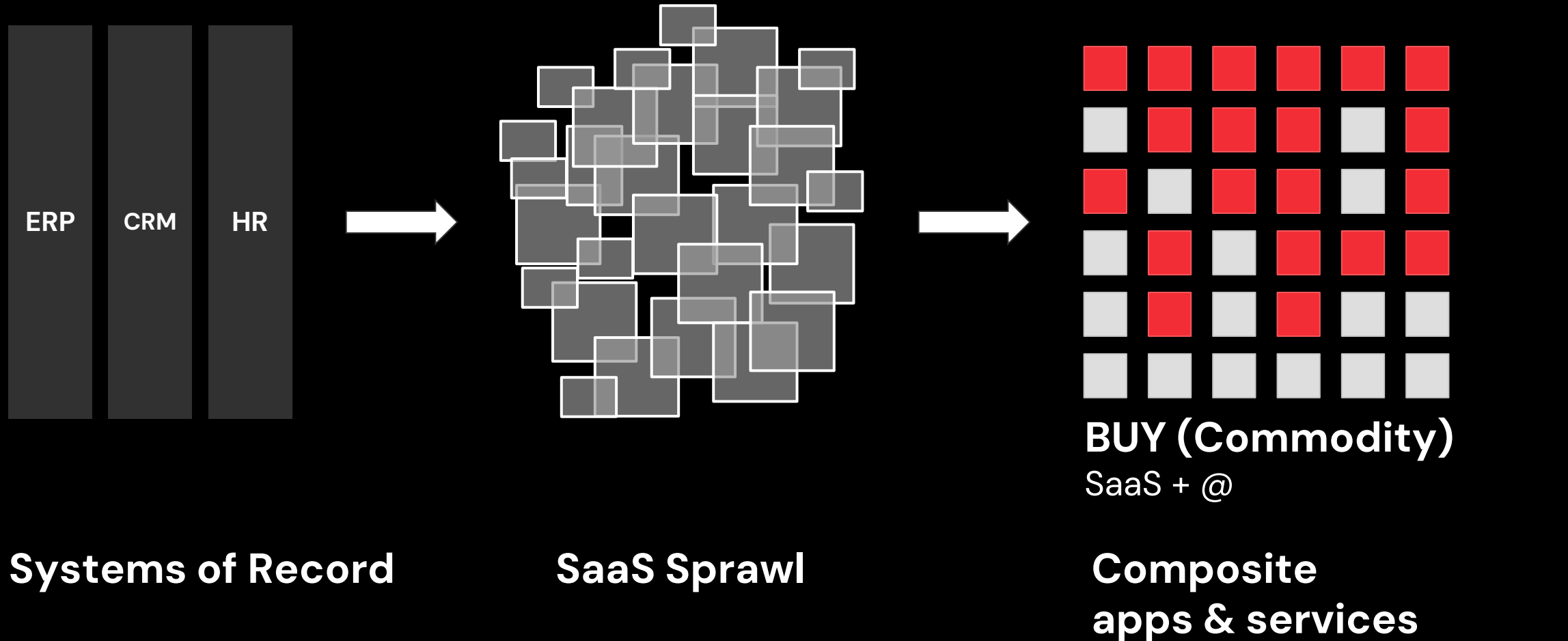
Ways of Delivering Systems



Ways of Delivering Systems



Evolution of Digital Landscapes

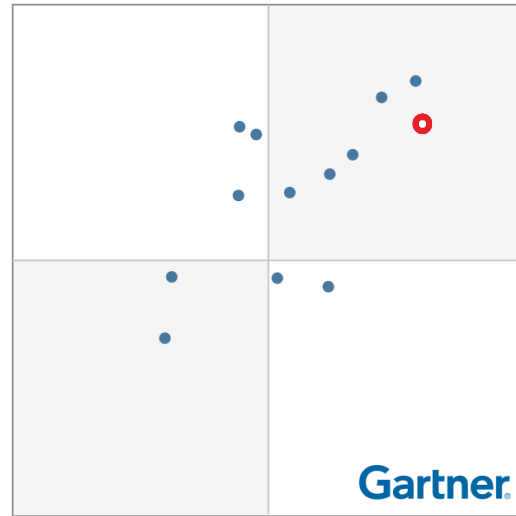


Why OutSystems?

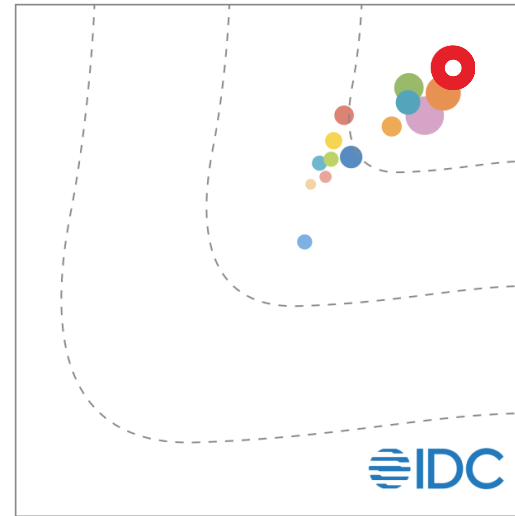
“The #1 Low-Code Platform[®]”: The Leader by Analysts

Leader according to signature industry research—learn more at outsystems.com

Low-Code Application Platforms



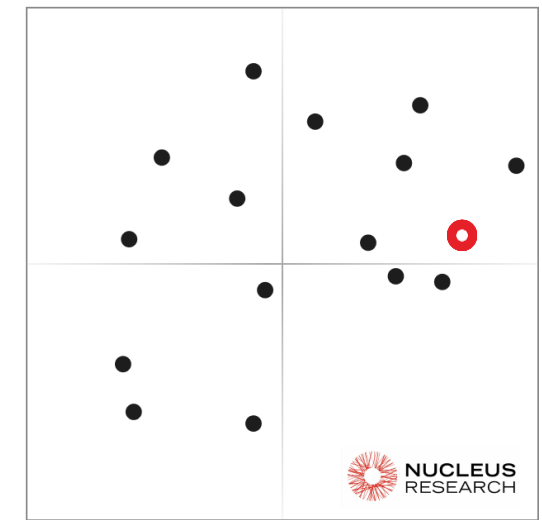
Asia/Pacific Low-Code/No-Code Development Platforms 2024



Low-Code Dev Platforms for ProDevs



LCAP Technology



OutSystems LEADS ON VISION

Recognized for **responding to market demand for advanced GenAI**

Recognized for **strong partner network** of GSIs to support customers in every region.

“Japan’s most popular enterprise LCAP.”

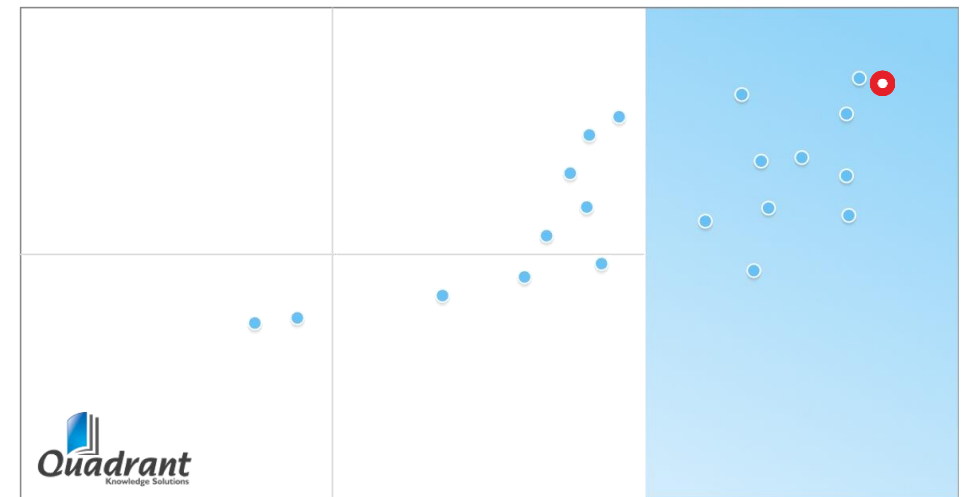


ILLUSTRATION ONLY: This is a visual summary of industry rankings performed by the various Analysts Firms. Rankings do not imply product endorsement. For full reports check www.outsystems.com or analyst site. – Status : as of 2024Q4

8x MQ Leader "The #1 Low-Code Platform®" OutSystems 1st time ever leader in VISION

Figure 1: Magic Quadrant for Enterprise Low-Code Application Platforms



The #1 leader by Customers, Analysts and Platform Capabilities

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CUSTOMER RECOGNITION

Leader By Users in Satisfaction

as the #1 high-performer low-code platform in the biggest site of software users reviews (2020...24)

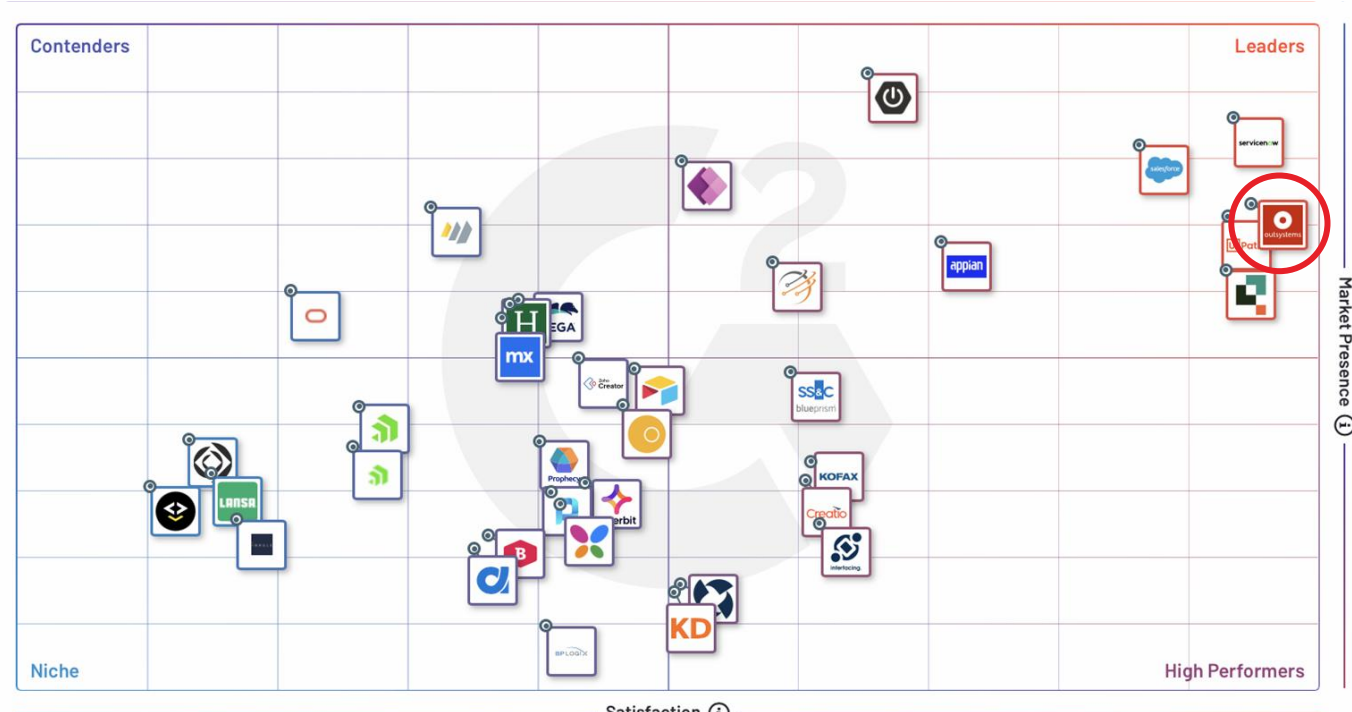
“The breadth of capabilities has allowed us to drive to our digital transformation goals much more quickly than anticipated. This has led to digitalized and automated workflows leading to improved quality, ease of use leading to an exceptional user experience, and efficiencies resulting in substantial annual dollar savings.”

“폭넓은 기능 덕분에 예상보다 빠르게 디지털 전환 목표를 달성했습니다. 이로 인해 업무 과정이 디지털화되고 자동화되어 품질이 향상되었고, 사용이 쉬워져 사용자 경험이 개선되었으며, 효율성 증대로 상당한 연간 비용 절감을 이루었습니다.”



5/5

David Lloyd, Director of IT, Park Industries



G2 Grid® Scoring

A recognized market leader



Rated #1 by
customers &
analysts



Pioneered the
category over
20 years ago



Over 2,000
enterprise
customers

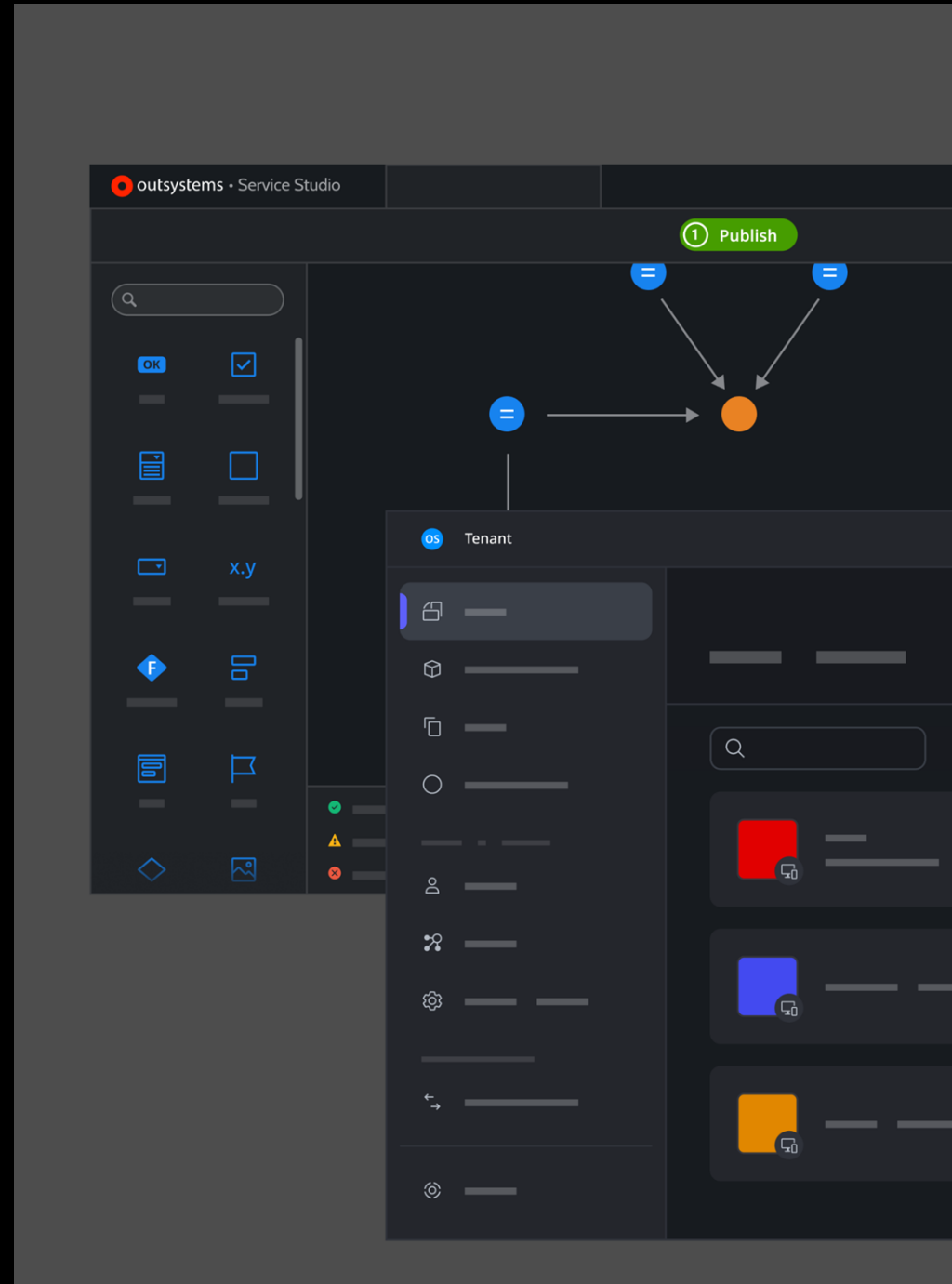


Community:
750K devs +
650 partners



Powering
thousands of
apps globally

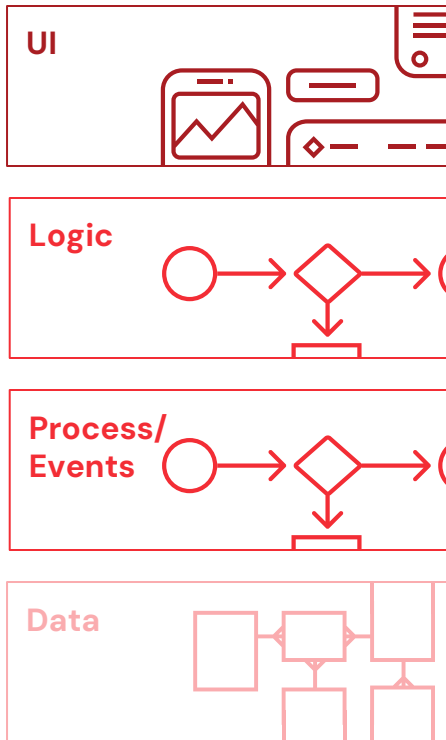
Platform Overview



OUTSYSTEMS PLATFORM OVERVIEW

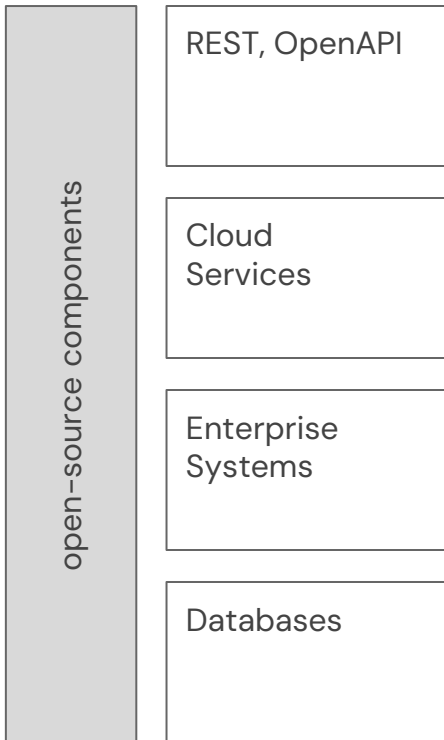
Full-Stack

Empower Developers
Extend reach outside IT



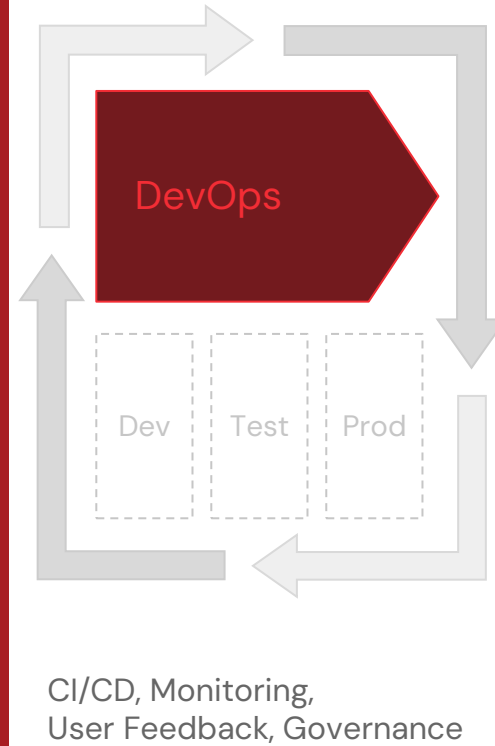
Integrate & Extend

Never start from scratch
Limitless and easy
integration



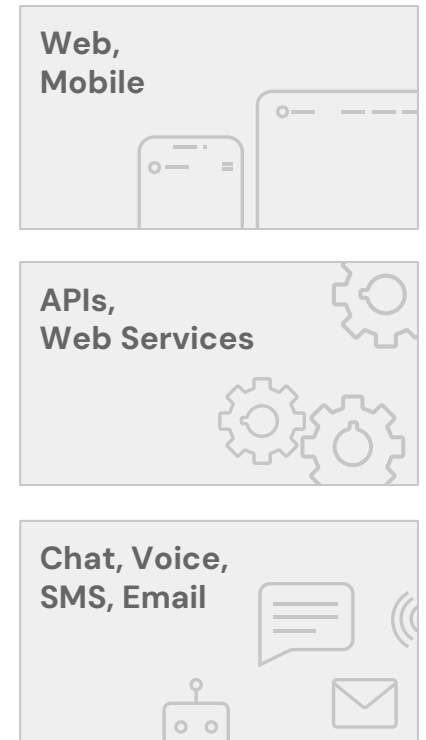
Full-Lifecycle

Be agile and
continuously change
Automated software
lifecycle



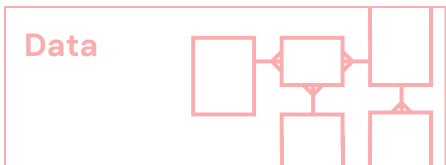
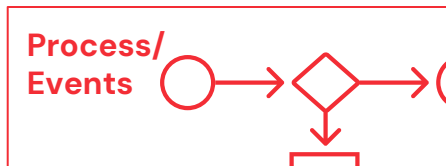
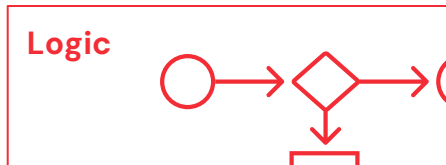
Experiences

Reach all touchpoints
Widest range of digital
experiences



OUTSYSTEMS PLATFORM OVERVIEW

Full-Stack
Empower Developers
Extend reach outside IT



Integrate & Extend

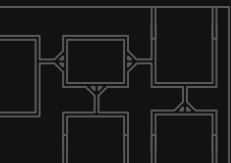
Full-Lifecycle

Experiences

The screenshot displays the OutSystems IDE interface. At the top, there are tabs for 'Integrate & Extend', 'Full-Lifecycle', and 'Experiences'. The main window shows a browser preview of a web application titled 'DoDHomeInsurancePortal'. The application content includes a header with 'Application Title' and 'Username', a Trustpilot rating of 4.1/5, a paragraph of text: 'We understand buying insurance can be a pain. That's why we made the process simple. Now you can get home, car, and renters insurance that is flexible to your needs.', and a 'Get a Quote' button. To the right of the preview is a 'Widget Tree' showing a hierarchical structure of UI flows and screens, including 'DoDHomeInsurancePortal', 'UI Flows', 'Common', 'Icon', 'Layouts', 'MainFlow', 'ARPreview', 'Home', 'Step1' through 'Step9', and 'Home Screen'. Below the widget tree is a configuration panel for the 'Home Screen' with fields for Name, Description, Title, Public, Authorization, and Events.

PLATFORM OVERVIEW

Developers
outside IT



Integrate & Extend
Never start from scratch
Limitless and easy
integration

open-source components

- REST, OpenAPI
- Cloud Services
- Enterprise Systems
- Databases

Full-Life

Be

Co

lif

31

aws

31

aws

31

aws

31

aws

31

aws

31

aws

Search in Forge... **SEARCH**

Sort by: **Most Popular**

3353 results

- Silk UI Web**
A fully responsive and beautiful UI framework that works within the OutSystems Platform. Build
★★★★☆ 102
38727
- OutSystems UI**
Create amazing applications using this fully integrated UI framework for OutSystems, with dozens of UI
★★★★☆ 85
27727
- Dublin Template**
A fully-responsive Silk UI Theme with a prominent left menu and a gorgeous look&feel. Dublin can
★★★★☆ 50
26617
- OutSystems UI Web**
Create amazing web responsive applications using this fully integrated UI framework for
★★★★☆ 56
20330
- Common Plugin**
Common actions and webblocks to be used by OutSystems Now extensions plugins.
★★★★☆ 23
20293
- OutSystems Now**
OutSystems Now brings your OutSystems experience to any device.
★★★★☆ 78
18089
- Google Maps**
Google Maps is a Google Maps Javascript V3 API component, providing Web Blocks and Actions
- OutSystems UI Web Screen Templates**
Accelerate Responsive Web application development with our easy-to-use screen templates.
- OutSystems Sample Data**
Sample data to accelerate application prototyping and development. Contains a data

Scale | Security | Performance | Flexible Deployment

Extend
from scratch
easy

ST, OpenAPI

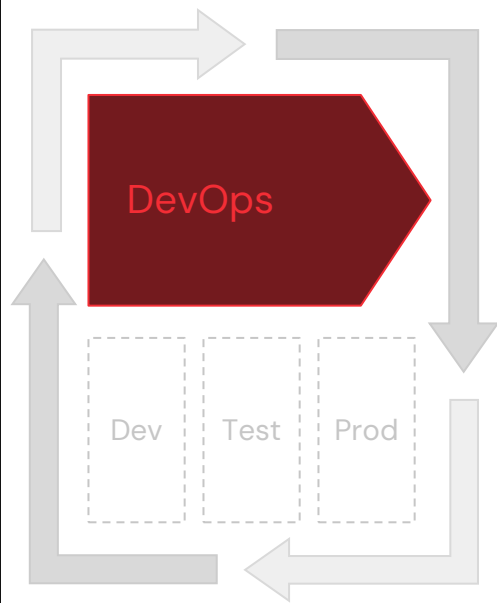
Cloud
services

Enterprise
systems

Databases

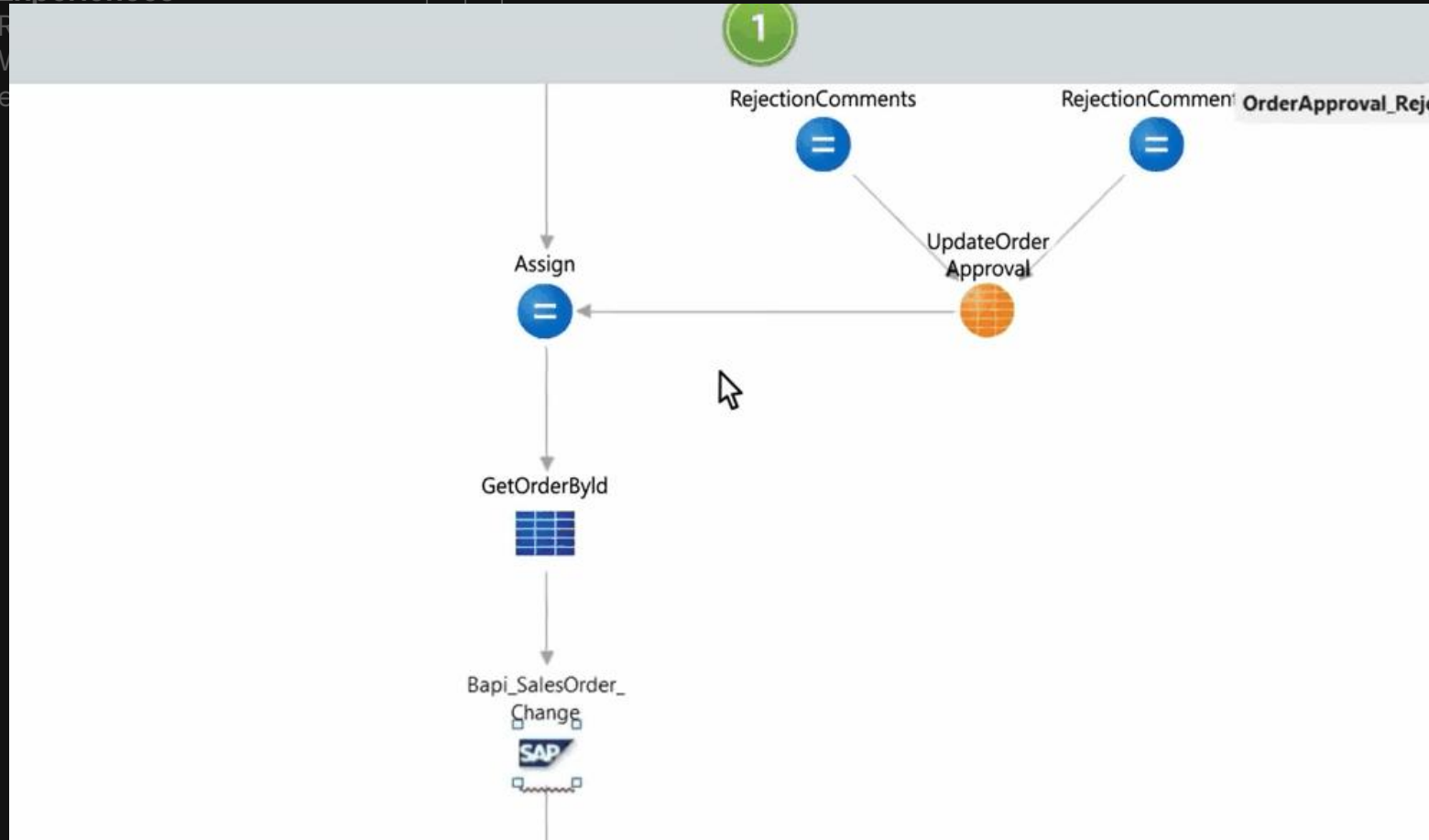
Full-Lifecycle

Be agile and
continuously change
Automated software
lifecycle



CI/CD, Monitoring,
User Feedback, Governance

Experiences



Scale | Security | Performance | Flexible Deployment

change
software

OS

est Prod

ring,
k, Governance


Experiences

Reach all touchpoints
Widest range of digital
experiences

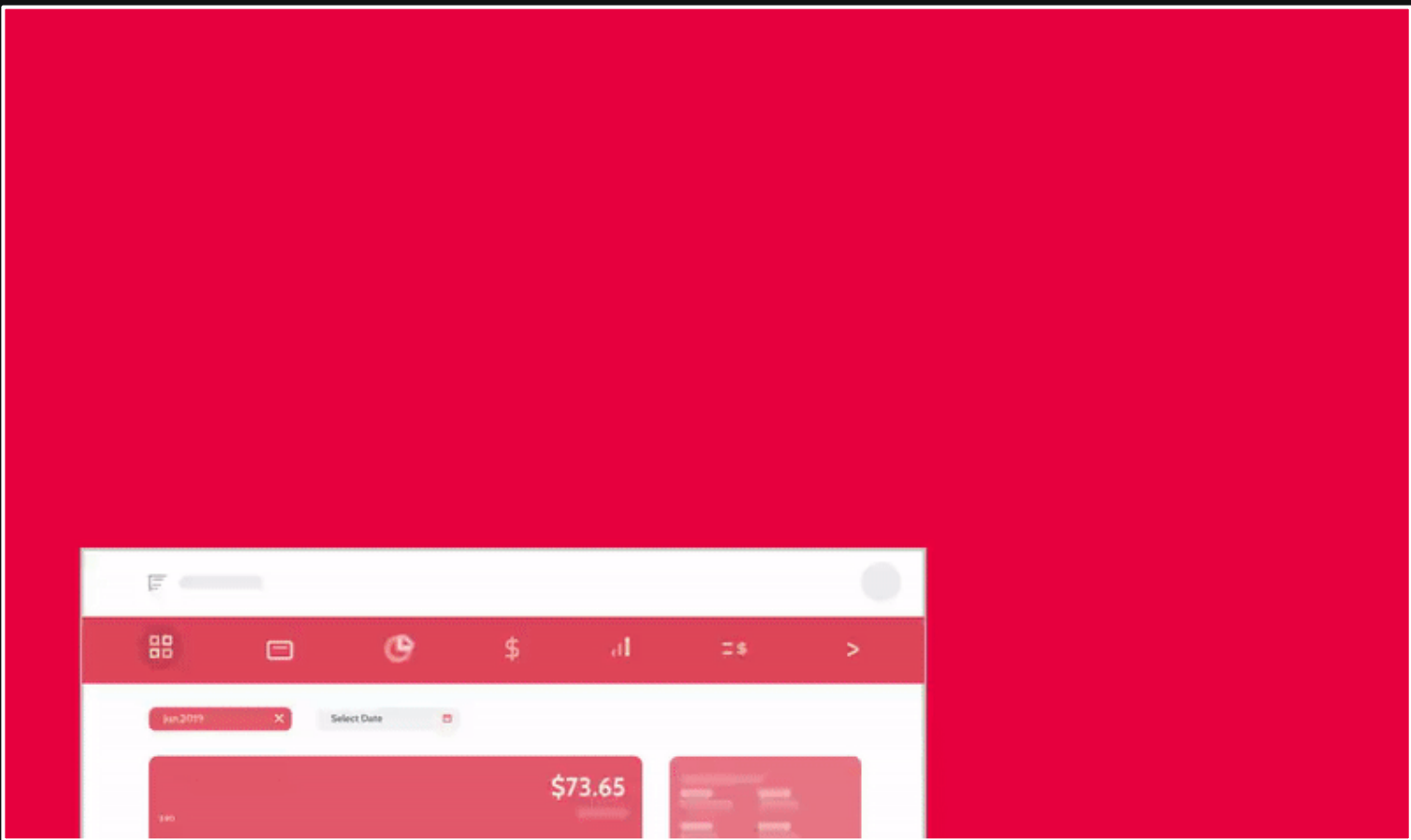

**Web,
Mobile**



**APIs,
Web Services**



**Chat, Voice,
SMS, Email**

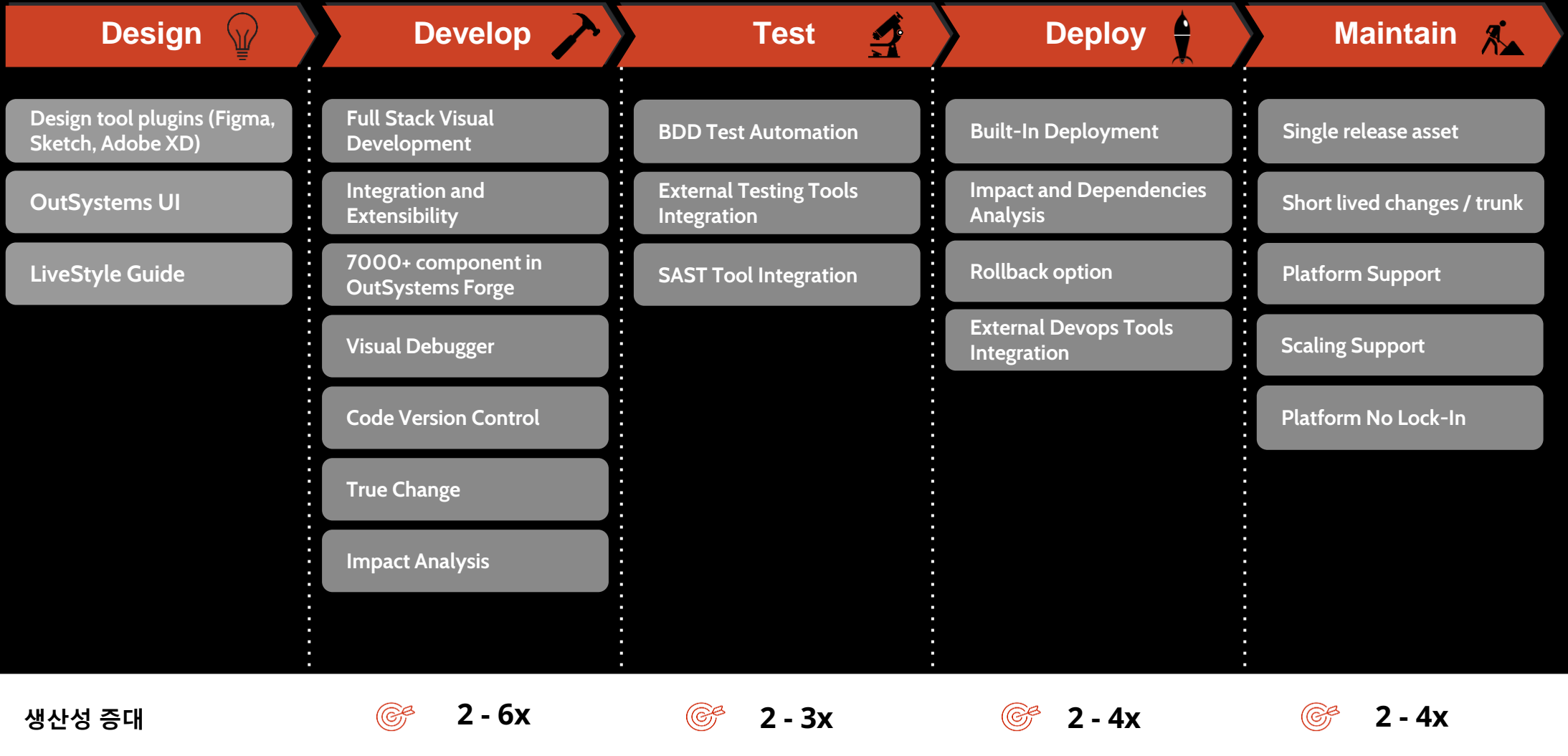


Product Demo





OutSystems SDLC & Productivity



AI-Powered OutSystems Mentor

OutSystems **Mentor**

AI-powered Digital Worker for the entire SDLC(Software Development Life Cycle)

Discovery and design

Transforms your ideas into an MVP in minutes.

아이디어를 수분 내 MVP로 전환

Build and test

Optimize the initial MVP with contextual AI suggestions.

컨텍스트어웨어 AI 기반 MVP 최적화

Deploy

Automate repetitive tasks in code review process. Deploy with automated governance.

반복적인 코드리뷰 프로세스 및 배포 자동화

Secure

AI-driven code analysis flags potential security vulnerabilities.

AI 기반 코드 분석으로 잠재 보안 취약점 탐지

Operate and scale

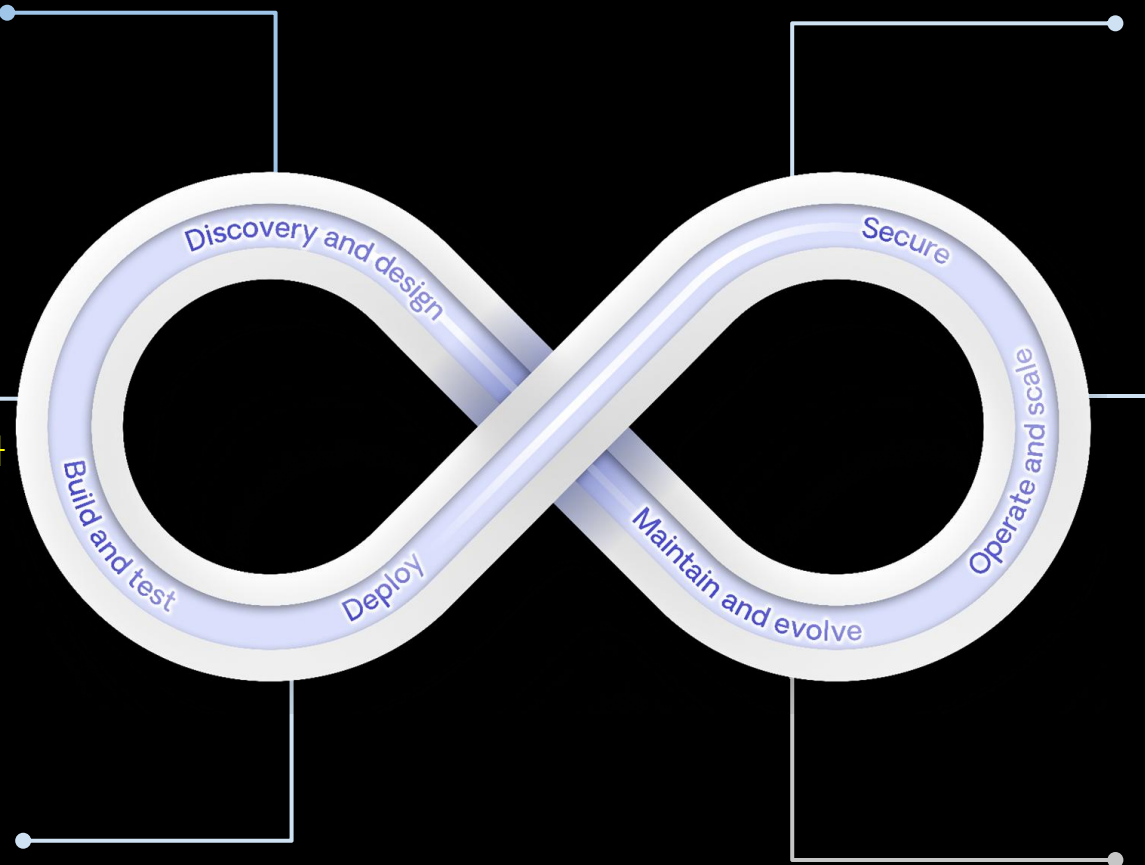
AI-driven code analysis ensure code meet critical architectural and performance standards.

AI 기반 코드 분석으로 주요 아키텍처 및 성능 기준 준수 보장

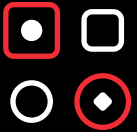
Maintain and evolve

AI-driven code analysis Identifies inefficiencies to reduce technical debt improve long-term maintainability.

AI 기반 코드 분석으로 기술부채를 관리하고 장기적인 유지보수성 개선



How does **Mentor** work alongside IT teams?



Generate

a full-stack, scalable app
using GenAI

ZERO CODING



Iterate

and evolve your apps
using AI-powered
suggestions

ZERO EFFORT



Validate

and maintain apps using
AI-powered reviews

**ZERO CRITICAL BUGS
& TECH DEBT**

Mentor Key Capabilities



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Mentor/

App Generator

App definition in a prompt

프롬프트 기반 앱 정의

- Describe your app's use case and its requirements

앱 유스케이스 및 요구사항 입력

- Get a customizable structure for your app after Mentor interprets your prompt

Mentor는 프롬프트 분석 후 커스터마이징 가능한 앱 제공

- Set your parameters and Mentor generates an initial version in just a few minutes.

파라미터 입력하면 Mentor는 몇분 이내 최초 앱 생성

Create app

Describe your app. Add requirements. Generate in moments.

Create an order management app with inventories and discounts also added next to the requirements that are defined in the attached document.



Order_Management_Requirements_Document.docx

App Generator

Contextual data and grounding

데이터 및 기반 컨텍스트

Uses RAG framework to get additional context from:

RAG 프레임워크를 통해 다음항목으로 부터 추가 컨텍스트 조회 가능

- External data connections to systems like SAP and Salesforce through ODC

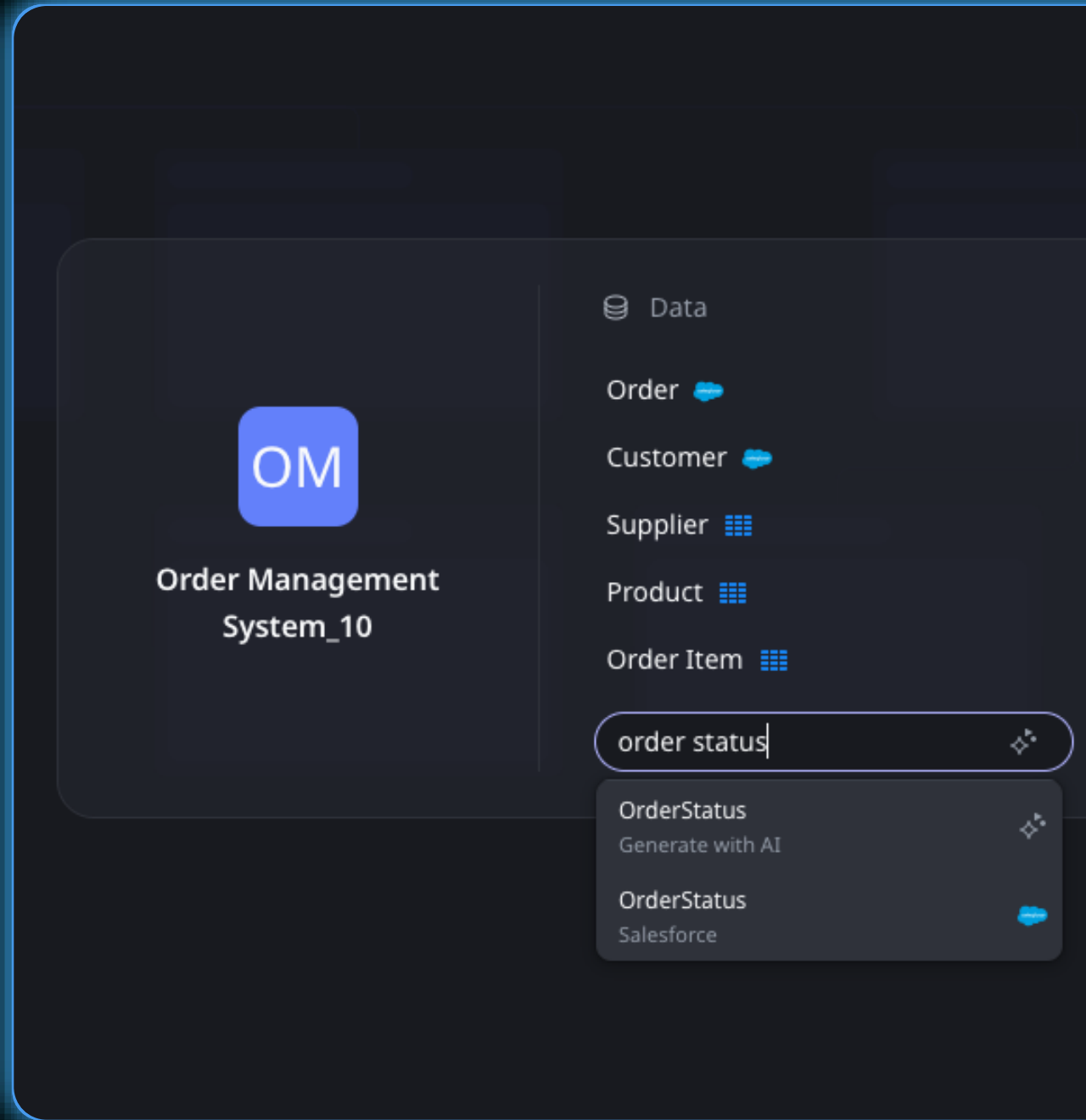
SAP 및 Salesforce 같은 외부 시스템 데이터

- Existing OutSystems application components and factory theme

기존 OutSystems 앱 및 컴포넌트

- Uploaded requirement document

업로드된 요구사항 명세서

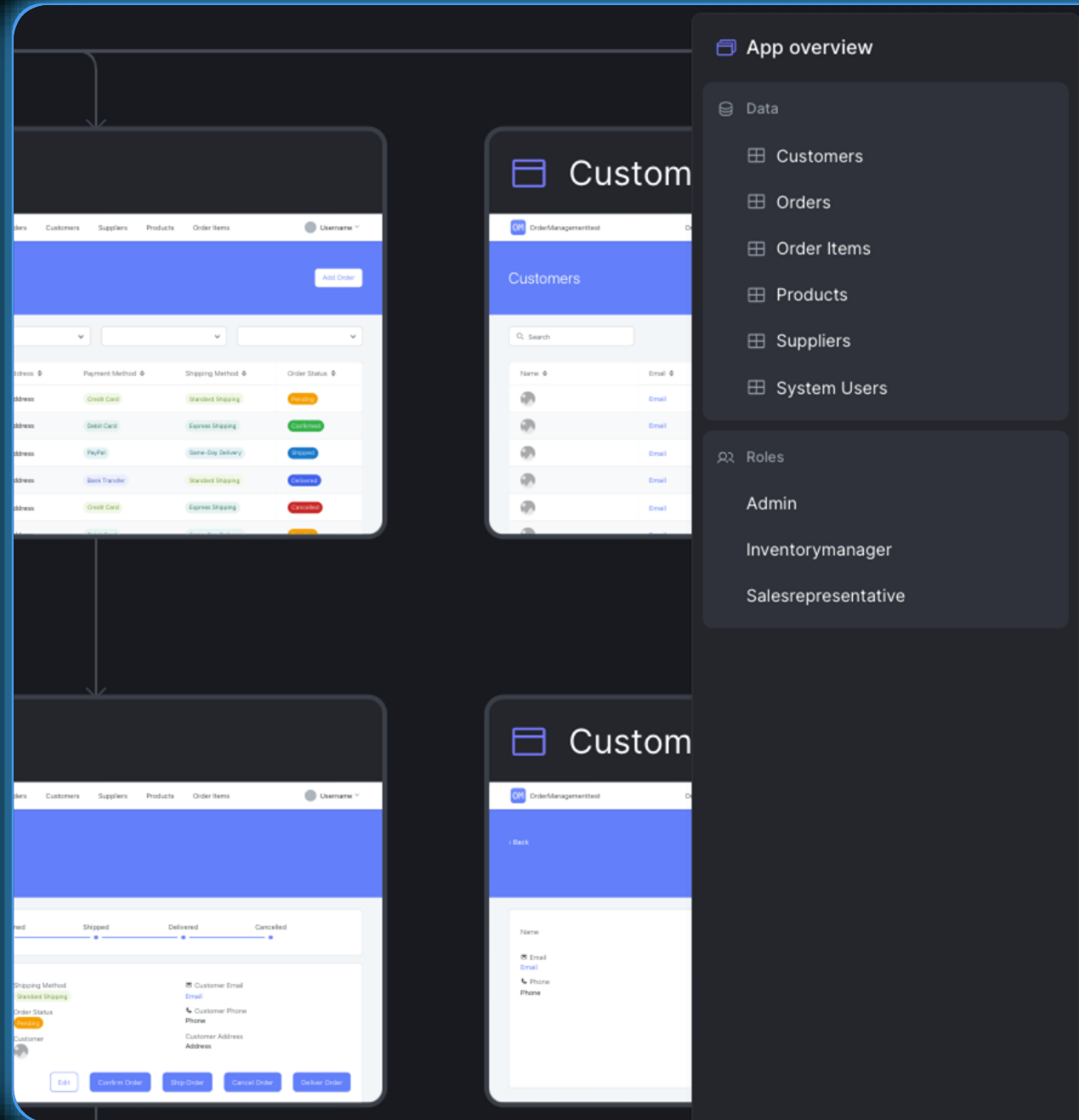


App Generator

Your full-stack app, delivered

풀스택 앱 생성 및 제공

- Data model and entities (DB 데이터 모델)
- Screens (화면)
- Back-end Logic (백엔드 로직)
- Workflows (워크플로우)
- Roles and data rules (역할 및 데이터 규칙)
- Simple dashboards (대시보드)
- Data import and exports (데이터 입/출력)
- Sample data (샘플 데이터)
- Simple theme (기본 테마)



Mentor Key Capabilities



Generate

a full-stack, scalable app
using GenAI

ZERO CODING



Iterate

and evolve your apps
using AI-powered
suggestions

ZERO EFFORT



Validate

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AI-powered reviews

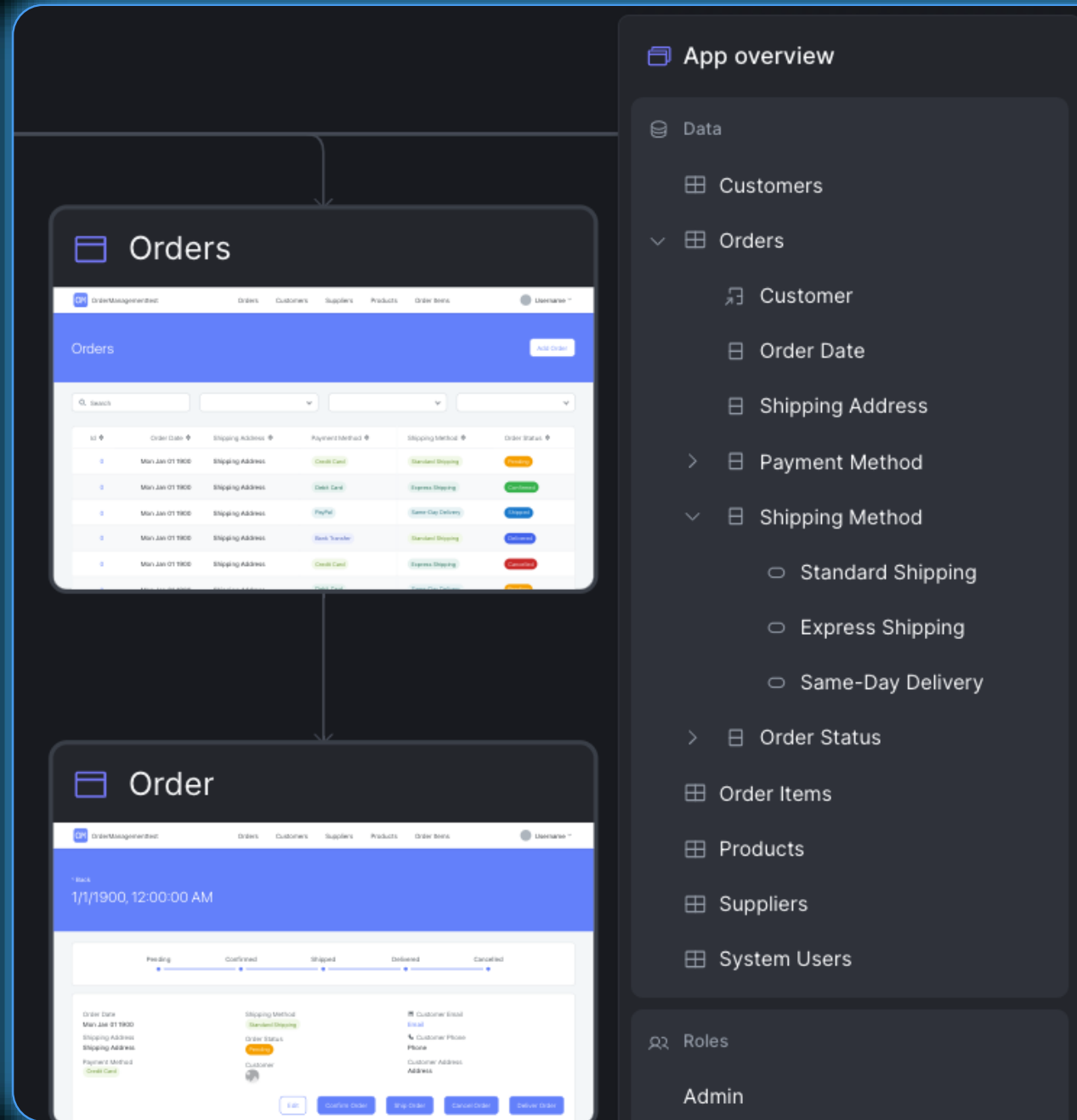
ZERO CRITICAL BUGS
& TECH DEBT

Mentor/ App Editor

Effortless refinement

손쉬운 개선

- App overview displays data model
데이터모델을 포함한 앱 오버뷰
- True-to-life displays of the screens include generated sample data
샘플데이터를 활용한 실 화면
- Suggestions are applied and immediately visible on the screens with data
바로 반영되고 데이터까지 확인가능한 수정
- Additional refinements can be made in ODC Studio
더 세부/수동 작업은 ODC Studio에서 직접 개발



App Editor

App suggestions from AI

AI기반 앱 수정 제안

- Adding objects (creates entities and screens)

테이블 및 화면 추가

- Modifying data models and visuals

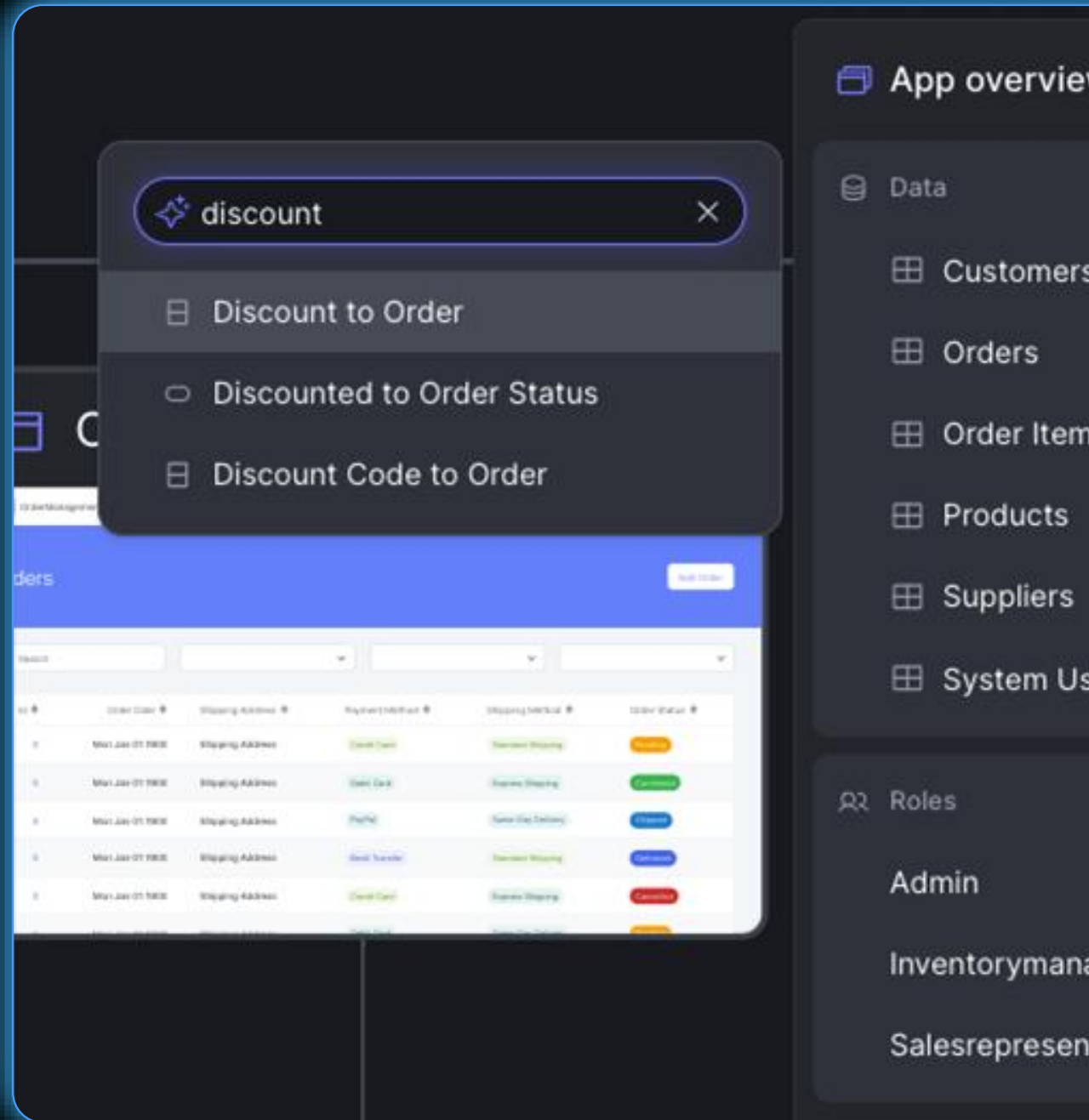
데이터 모델 및 화면 수정

- Managing static entity lists

스태틱 엔티티 목록 관리

- Updating security roles

사용자 역할 수정



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Code Quality

AI-assisted technical debt management

AI기반 기술부채 관리

- In-depth Code analysis ensures excellence in architecture, security, performance, and maintainability
 심층 코드 분석이 아키텍처, 보안, 성능, 유지보수성 보장
- Automated code reviews proactively detects issues and provides fixes
 자동화된 코드리뷰로 선제적으로 기술부채 탐지 및 해결책 제안
- Collaborate with your team on fixes
 해결책 관리 프레임워크

Code quality Next analysis in 744 hours
 Powered by the AI Mentor System

Last analysis summary (Oct 11, 2024, 04:15 PM): no new findings detected.

Total findings	Security	Performance	Maintainability
219	7	126	86

Categories ▾ Apps

Code patterns

- Critical
- High
 - Avoid setting screens as accessible... 2
- Medium
- Low

Avoid setting screens as accessible by everyone

AI Agent Builder

Mark all open as resolved

Source element	Found
InvalidPagePermissions	3 days ago

1 to 1 of 1 items

Common Utils

AI Agent Builder

Build and embed AI Agents

AI Agent 빌드 및 기능 임베드

- Select LLM model and input instructions

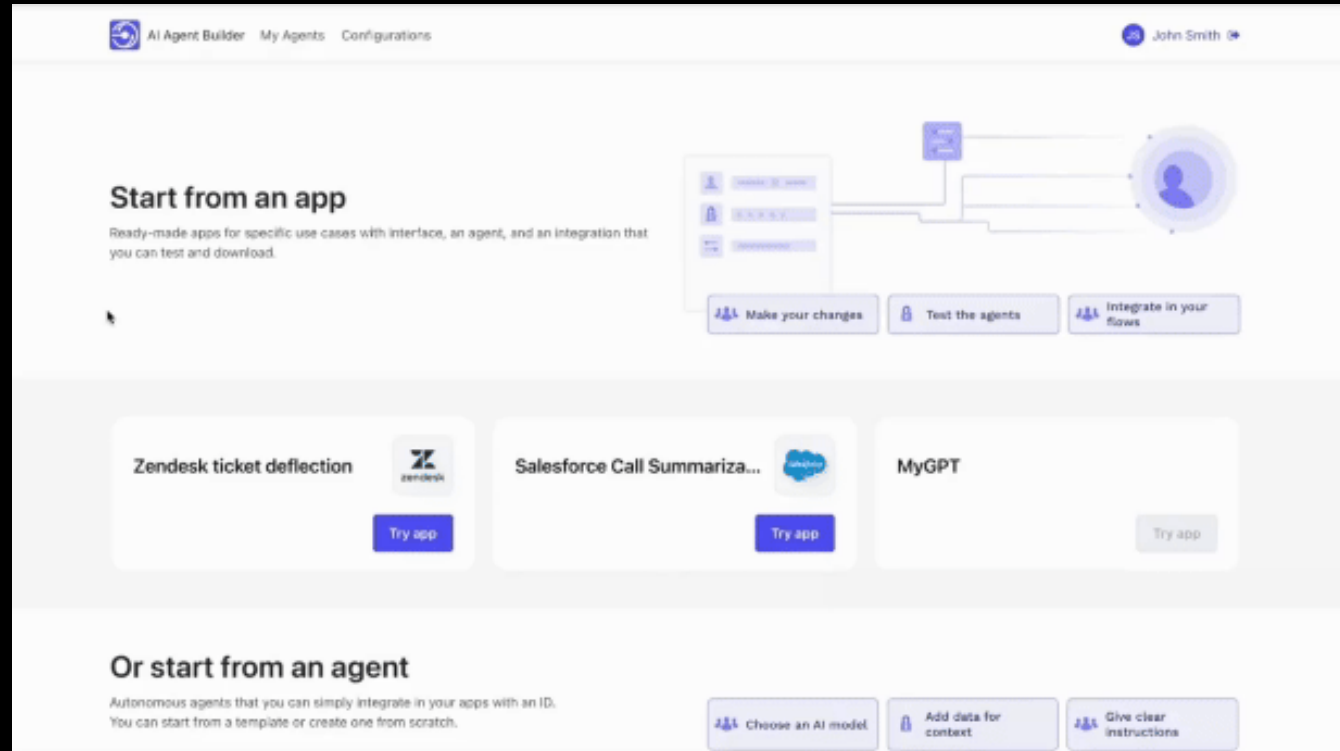
LLM모델 선택 및 기본 지시사항 입력

- Azure OpenAI, Amazon Bedrock, or custom proprietary LLM via API endpoints

API 엔드포인트연동으로 다양한 LLM 연동 가능

- Select custom data source for RAG

RAG 사용을 위해 커스텀 데이터소스 선택가능



Low-Code is not an alternative but a “New-concept of Development”



The future of
Software Development
is  outsystems

Thank you