Jaggle™

A Low-Code platform for enterprise application development

What is Low-Code application development?

Low-Code is a software development approach for building applications and digitizing processes by reducing or eliminating the programming /coding phase. Low-Code helps businesses in their digital transformation initiatives by overcoming limitations in programming resources. Additionally, the logical and physical system design is accelerated since it is carried out directly on the application building platform. With low-code, enterprises open up application development to nonprogramming personnel, like Citizen Developers.

Gartner predicts:
"By 2024, 75% of large enterprises will be using Low-Code for both professional and citizen development."

Jaggle is a low-code development platform that supports citizen and professional developers to build enterprise-level applications 10x faster than it would take them to develop the same applications by following traditional programming methods and techniques.

Functional and engagement-driven, Jaggle enables the rapid development of applications of operational complexity, demanding data management and transactional requirements.

Jaggle supports backend integrations and orchestration of application services capabilities that accelerate delivery, and ensures horizontal and vertical scalability, security, and exceptional performance.

Build enterprise-level applications within hours

Jaggle offers a user-friendly, drag-and-drop interface that enables professional or citizen developers to build high-caliber software applications. Jaggle simplifies application development in 3 steps without the need to advanced programming knowledge.

STEP **1**
Conceive and Design
Data base structure, screen layouts, business rules and workflows, and process automation

STEP **2**
Build
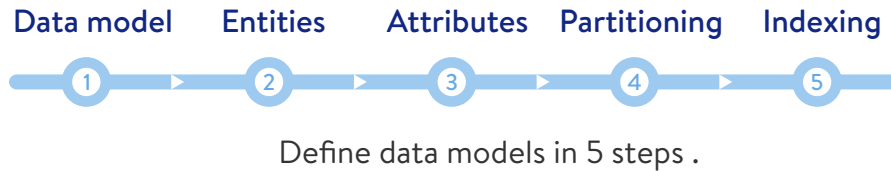End-user application interfaces with drag-and-drop wizards

STEP **3**
Deploy
Device-independent applications that are deployed on-permises, in the cloud, or with a hybrid mode

Data Model Definer

Facilitates the critical step of the logical data structure design,with building entities and their attributes, defining objects,validations, and data models, and declaring data relationships.

Data model	Entities	Attributes	Partitioning	Indexing
1	2	3	4	5

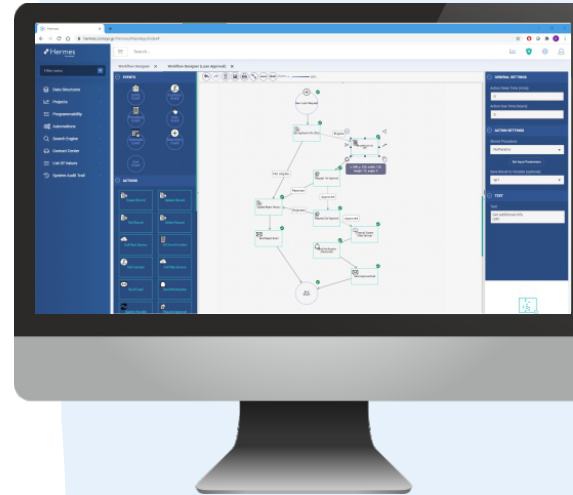Define data models in 5 steps .

Layout Designer

A simple yet powerful and easy-to-use visual environment enables non-technical users to design and build apps with drag and drop. It serves a broad range of user needs while addressing the full spectrum of application requests.

Report Designer

Jaggle provides a WYSIWYG report canvas that offers drag and drop item rearrangement, codeless data binding, in-line editing, and several wizards and tools to convert raw data into meaningful and expressive reports.

Workflow Editor

Programmers or citizen developers can develop workflows incorporating rule-based process automation techniques and create consumer-grade interfaces using the resulting apps. With the Workflow Editor of Jaggle, developers can employ pre-built templates to automate business logic for simple or complex business processes and have real-time visibility at every point of the activity. Custom coding is possible, if needed.
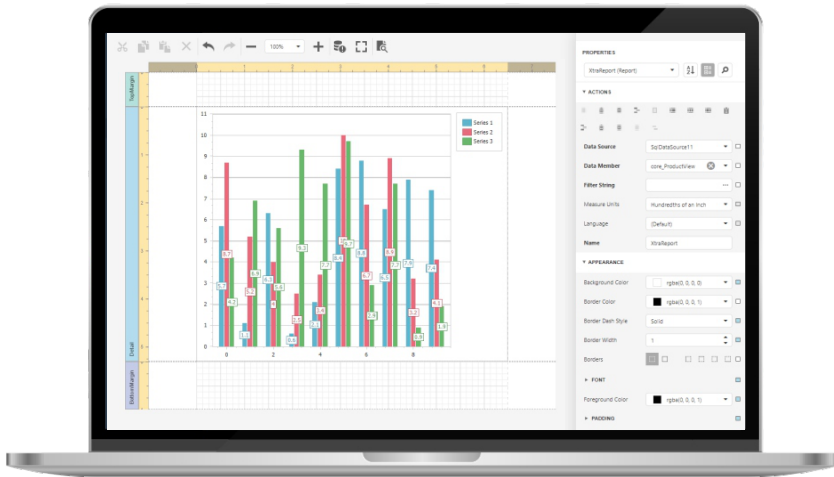
Reporting Server

The Jaggle Reporting Server is a powerful application for scheduling report creation and distribution by email and other means.

Complementing the platform with a powerful subsystem like the Reporting Server, creates value for managing and controlling report creation and forwarding. It simplifies report and dashboard distribution to the individual user or groups of users, taking their specific data access rights and privileges into account.

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Dashboard designer

Visualize complex data and transform it into digestible meaningful information using a variety of available templates. Design drillable dashboards, KPIs with alerts, and monitoring capabilities to identify when business processes are out of their acceptable performance limits in real-time.

System Features

Jaggle offers a rich set of features that help building applications that will take any business's digital transformation to the next level.

- Business rules definition
- Data validation rules
- Custom-made data types
- Multilingual capabilities
- Enterprise scalability

- Built-in version control
- Parallel process execution
- Advanced search engine
- Multitenancy

Security

The platform is built from the ground up to ensure applications incorporate the highest security standard. It provides multi-factor authentication to define users' roles and their specific access privileges.

- Application access control authorizes running, editing, maintaining, and deploying rights and privileges.
- Data access control to manage data manipulation rights. For data encryption, Jaggle uses the Advanced Encryption Standard (AES) filesystem.
- Auditing control for the monitoring of application usage in real-time.
- Declarative configuration to fine-tune compliance levels.

Jaggle accelerates high-impact business application creation, deployment, and lifecycle management with built-in security, enterprise reliability, and unlimited integration capabilities with backend and other third-party systems.

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Achieve more with less

Investing in a low-code platform like Jaggle optimizes the cost of developing high-impact software systems of considerable complexity and building business applications of exceptional quality.

- Accelerated application delivery and faster go-to-market. Easy creation and deployment with higher turnaround rates.

- Reduced time and costs associated with saving on traditional overhead expenses and redundant application development.

- Protection against security vulnerabilities and uncompromising control over performance and compliance.

- Flexibility and fast adaptation to market changes and customer needs.

- Competitive advantage with differentiated user-centric solutions.

- Increased productivity across teams. Collaboration between professional and citizen developers as they can work concurrently to build, review, and test within the same application development environment.

- Easy Integration with legacy and other 3-party systems.

Functional Characteristics

Responsive UI

Deployment on the Cloud or On-premises

Unparalleled Integration Capabilities

Enterprise-Level Scalability

BPM and Workflow Engine

PCI - DSS Compliant
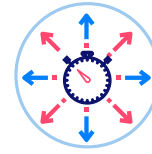
Built-in Analytics

Extended Role Management

Advanced Search Engine

Toolbox with Pre-build Applications

GDPR Compliance

Application Lifecycle Management

Jaggle

Benefits for your organization

✓ **Accelerated development time**
Implement complex business processes and workflows as packaged functions or components, arranged in a convenient visual interface. Speed-up updates and promotions from development to UAT and production iterations.

✓ **Broader staff utilization**
Low-Code empowers citizen developers to participate in application development and combine their skills with professional developers.

✓ **Improved efficiency and lower TCO**
Businesses can use low-code platforms for creating applications for individual departments or experiment with ideas that might be costly or time-consuming to test with traditional development techniques.

✓ **Accommodation of niche projects**
Accommodate the creation of applications that target small user bases—leverage staff specialization.

✓ **Manage governance and compliance**
Track and manage the software lifecycle and make it easier for the business to maintain control over functional requirements and development time.

✓ **Monitor security, system, and business performance**
Real-time visualization for important KPIs. Provide analytics and traditional reporting to business users and gather essential details about business performance.

Presence

We design and implement digital customer solutions for organizations around the world

Featured customers

doValue
COSMOTE e-value your contact partner
ΟΠΑΠ
PMM One Retail Group
Public MediaMarkt
Vodafone Innovus

Contact us

227, Kifissias Ave., 14561, Athens, Greece
t: +30 210 9241486
e: info@comsyscx.com
www.comsyscx.com

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