

WebAssembler. NET®

LOW-CODE APPLICATION DEVELOPMENT PLATFORM

WHAT IS A LOW CODE DEVELOPMENT PLATFORM?

Low-code platforms is a term coined by independent analyst, Forrester Research: “Low-Code Platforms enable rapid delivery of business applications with a minimum of hand-coding and minimal upfront investment in setup, training, and deployment.”

Customers increasingly interact with products and services, as well as marketing, sales, and service teams through software. The short schedules and rapid change cycles required to develop these applications often break application development life cycles and platforms for coding. Thus, some firms seek quicker alternatives to traditional programming platforms.

WebAssembler.NET is a high-productivity, model-driven, low-code application platform solution allowing software developers and business analysts to quickly design, develop, and deploy web applications on premises, in a private cloud, or in the public cloud. WebAssembler.NET automatically handles common overhead tasks, such as user management, security policy, scalability, disaster recovery, and reporting, among other things. This approach allows companies to deploy applications faster, at a lower cost, with fewer errors, and with less reliance on senior developers.

The WebAssembler.NET platform helps agile development teams to accelerate application development and delivery to the market, with less resources and increased cost efficiency.

ACCELERATE APPLICATION DEVELOPMENT

WebAssembler contains a development environment, a run-time environment, and a web-based operating system. The development environment is a set of web-based tools allowing users to develop applications. The run-time environment knows how to execute these applications. The operating system is a collection of resources covering common tasks, such as user logins, emails, and reporting.

GROWTH IN APPLICATIONS DRIVES DEVELOPMENT TEAMS AWAY FROM CODING

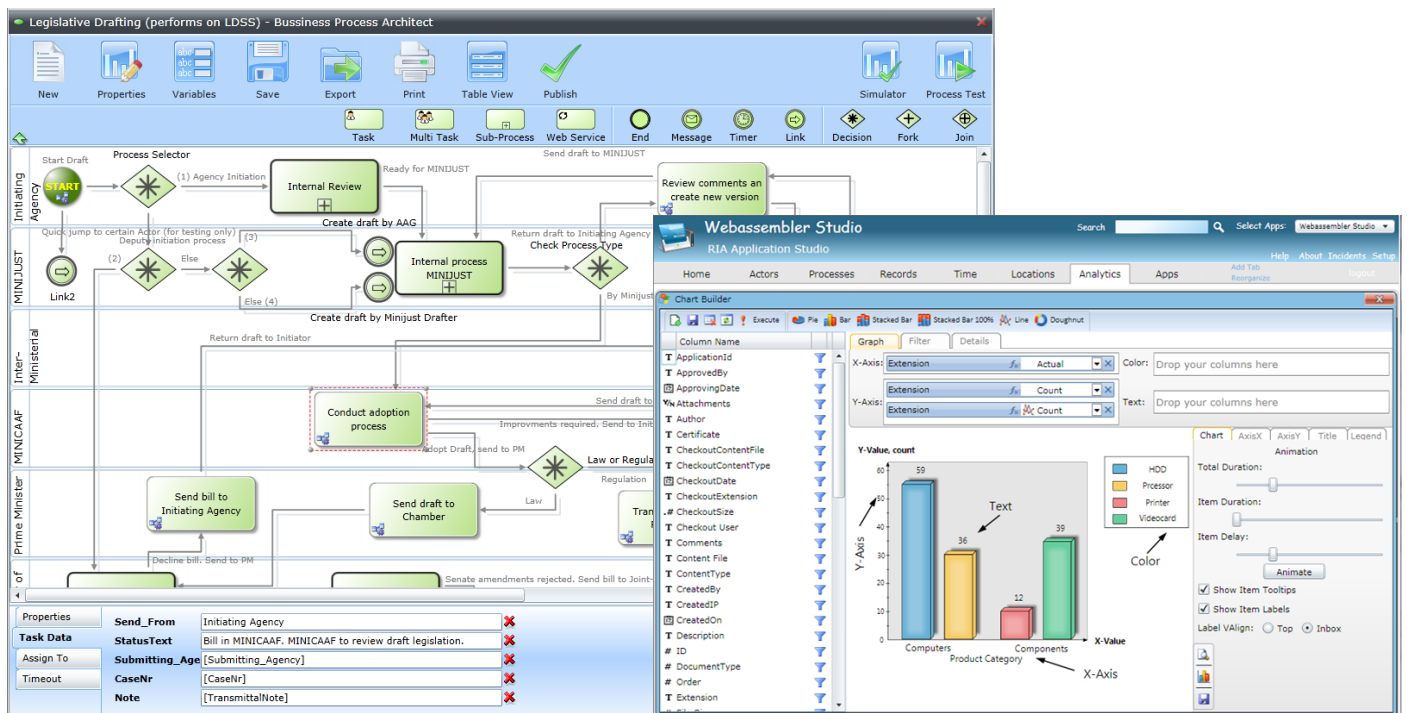
Visually configuring new applications helps speed up development and enables real-time end-user feedback on the resulting applications’ functionality. Developers quickly create minimum viable applications to validate ideas and end-user requirements before wasting IT resources on features and functionality that the end-user may not need. The key is the ability to test business ideas with working code within days or weeks, instead of months.

Scalable Development Environment

- Drag and drop User Experience
- Database Management Systems
- Workflow, Task Managements
- Analytics and Monitoring
- User Access Control and Management
- Application Management
- Security Policy and Encryption
- Compliance and Auditing

BENEFITS:

- Easy of Use
- Easy to Run
- Cost Effective
- Easy of Maintenance



CREATE APPLICATIONS USING VISUAL MODELS INSTEAD OF WRITING CODE.

When creating an application in a WebAssembler low-code platform, the developer will work within a graphical interface to visually model the application by dragging and dropping front-end UI components, business logic and functions, workflow and processes, and database tables and schemas.

1. *Minimal Hand-Coding* – Obviously enough, WebAssembler low-code solutions are bringing the ability to develop apps and tools to businesses whose budget may not afford a front-end development team.

2. *Experimenting and Testing*– Low-code platforms make it easy to experiment with new concept, and also serves as a valuable teaching tool for product functions, and allows users to be hands-on with aspects of the enterprise that they were unable to partake in before. By controlling both the front and back ends, businesses can now manage customer-facing requirements from different stages of the development process. With the ability to develop and test on the fly, a more customer-centric product can be developed and tested as adjustment and enhancements can be made to a better ensure quality of the product.

3. *Speed*- One of the best things about low-code platforms is that businesses can get started, and shortly thereafter, launch low code creations within the first few days of training- unlike traditional business process management suites

4. *Access*- As Low-code platforms require less coding experience, users from all business divisions will find use of low code platforms more accessible, resulting in more employees contributing to app development. “Closing the gap” between businesses who can afford a development team, versus businesses who are are looking to digitize and innovate on a budget.

Because Low-code platforms are easy to learn and use, even for non-technical people, it doesn’t require expensive digital developers to be tied up for weeks building a product, saving money and time.

FEATURES OF LOW-CODE DEVELOPMENT PLATFORMS

- Since the requirements for developers are changing and increasing, low-code platform allows developers to spend fewer hours working on hand coding, so they can complete more projects.
- Custom programming can still be used with low-code platforms. Although simple apps can certainly be developed with low-code platforms, customs apps that are appropriate for enterprise services can also be developed. These apps can be integrated with other apps, databases, and have customized code inserted.
- WebAssembler.NET low-code platforms can support large-scale enterprises. This means that small projects as well as enterprise-level applications with huge and growing user bases can be supported in multiple environments.

WebAssembler.NET low code platform implemented in:

Collateral and Mortgage Registry System	Kyrgyzstan, Rwanda, Gambia
Business Registration System	Albania, Rwanda, Zambia, Caribbean Country CARICOM, Mongolia, Somaliland
E-Procurement System	Albania
Case Management System	South Africa, Moldova, CARICOM, Tanzania, Kosovo, Iraq, Nigeria
Immigration Case Management	Moldova, Zambia
Tax e-filing system	Moldova, Albania

For more information, please contact us.
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