

# A12

Low Code for Custom Enterprise Software

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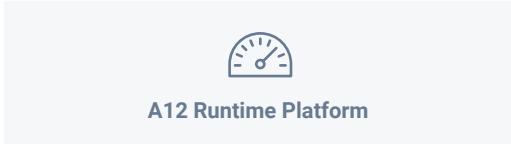
**A12 is an enterprise low code platform for the realization of enterprise applications in complex IT landscapes.**

# Structure of the A12 Platform



A12 Modeling Platform

A12's **modeling platform** provides tools to quickly create and maintain parts of an application without programming skills.



A12 Runtime Platform

A12's **runtime platform** provides the flexibility to develop low code applications in combination with professional custom software development and system integration which evolve into fully integrated enterprise applications.

Model types	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <span style="float: right;">A12</span> <p><b>FM</b> FORM MODEL</p> </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <span style="float: right;">A12</span> <p><b>OM</b> OVERVIEW MODEL</p> </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <span style="float: right;">A12</span> <p><b>TM</b> TREE MODEL</p> </div>
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Validation & Calculation	<div style="border: 1px solid #ccc; padding: 5px;"> <span style="float: right;">A12</span> <p><b>VL</b> VALIDATION LANGUAGE</p> </div>		
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Modular, flexibly applicable client- and server-side components in a modern enterprise architecture

## For Which Operational Scenarios is A12 Designed?

A12 is intended for professional custom software development projects. It is aimed at large and medium-sized companies, and public authorities that need highly scalable, secure, robust, and potentially business-critical web applications.

This includes form-based applications, portals and administrative processes for the public sector, underwriting platforms for industrial insurance, and integrated solutions for online, retail and mail order businesses (Multi-Channel).

Using A12 is particularly beneficial in overarching scenarios. The model-driven approach makes it possible to use the modelled business expertise across all applications. This ensures consistency, prevents duplication, simplifies release and dependency management and reduces testing overhead.

# What Benefits Does A12 Provide?



1

## Handling your business content yourself

Business experts and analysts can use the modeling tools themselves to create the software's domain-specific core and maintain it in the long term.

- Adjust business aspects without programming knowledge
- Implement business changes rapidly
- Automate the software development process extensively



2

## An open platform, not a closed ecosystem

A12 is designed as an open system. It provides an enormous amount of flexibility for software development, long-term maintenance and further development.

- Flexible use of modular runtime components
- Systematic use of open source technology
- APIs for individual extensions at any level
- Full operational control – on-premises or (private) cloud-based
- Requirements can be entered directly into the A12 base



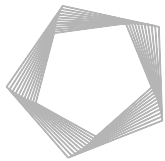
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## Future-proof platform for long-lasting software

The consistent separation of business-specific models and technology makes it possible to retain the business-specific core even in the case of technological leaps.

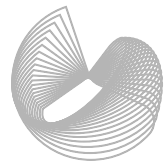
- Detached innovation of technology through model-based approach
- "Data First" principle for sustainable domain-oriented modeling
- Careful technology selection and use of industry standards
- Continuous development of the technical basis





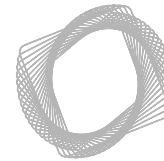
## Motivation and Approach

mgm's goal is to build robust, secure and durable enterprise software faster and more economically. Behind this is the claim of experienced software engineers to successively reduce the typical efforts of developing business applications. Based on long-term enterprise software projects, mgm has developed the low code platform A12, which enables the separation of business and technology through model-driven abstractions.



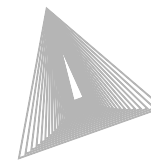
## Plasma UI/UX Design System

Enterprise applications are characterised by high information density and great complexity. Design languages such as Material Design hit their limits quickly. They cannot fully respond to some challenges, such as how to present complex tables, clearly. Or how to develop the user interface structure consistently when new information is added. This is why mgm developed A12's Plasma design system.



## Modeling Platform

The A12 modeling platform provides several modeling tools and a rule language that can be used to map high levels of business complexity for enterprise applications. Starting with data modeling, the platform supports the definition of UI, workflow and app models.



## Runtime Platform

The A12 runtime platform consists of a set of modular client and server-side components in a modern enterprise architecture. It provides robust components for typical enterprise application requirements. At the same time, it gives the development team full control through fine-grained entry points to plug in their own code and implement individual project requirements.

We look forward to the individual  
and personal exchange with you.

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