



oktima

From Idea to Binary. In hours.

The revolution of MCU and OS App development.

The **no-code** IDE for **HMI**, **Control**
and **IoT** applications – powered by **AI**,
secured by **RUST**.



1 Design Visually
Create UI and logic using
visual editors with AI support

2 Compile Native
Converts the project to Rust and compiles
it with the runtime into a binary

3 Deploy Anywhere
Same project, any supported
MCU/CPU/OS, no rewrites needed

Everything You Get with Oktima

- ▶ **Agentic AI** – your smart co-developer with voice or chat interaction
- ▶ **Visual UI Editor** with modern UI components library, widgets, templates, animations, customizable themes and styles
- ▶ Intuitive **block based logic programming paradigm** with library of pre-built logic blocks
- ▶ **Supported platforms**
 - STM32 U5, N6, H7, F4, F7 series
 - ESP 32-bit family
 - ARM/Linux – ARM/x86 Windows

Everything You Gain with Oktima

- ▶ **Accelerate Time-to-market** from months to days
- ▶ **AI agent fills** UX, security and technical **skill gaps**
- ▶ Native enterprise level **cyber-security**
- ▶ **Maximize ROI** – no external consultants needed
- ▶ **Future-proof** and **compliant** – EU CRA, ISO 27001

Suitable for your industry:

HVAC-R · FOOD SERVICE · INDUSTRIAL AUTOMATION · MEDICAL DEVICES · AUTOMOTIVE · SMART HOME AND BUILDING AUTOMATION
and every embedded application you can imagine



One Environment, Every Tool Integrated.

All the tools you need,
working together seamlessly,
supported by AI that fills
every skill gap.

- ▶ **Visual UI Editor**
Design professional interfaces without code
- ▶ **Flow Visual Language**
Draw your logic, don't code it. The ideal language for AI co-development
- ▶ **Communication configurator**
Seamless device integration
- ▶ **Instant Emulator**
Test everything, instantly
- ▶ **Visual debugger**
Follow your logic, step by step



No-Code Power. Native Performance.

5X Faster Development	100% Native Performance
0 Lines of Code	∞ Possibilities



Your Skills + AI = Superpowers

The integrated **AI Agent** doesn't just assist, it creates. Generate complete UIs from descriptions, build logic flows from requirements, translate to any language, and configure devices from datasheets.



Professional Security. Zero Complexity.

Built on **Rust** — the language trusted by critical infrastructure managers. Secure Boot, encrypted storage, and key management included. CRA compliant out of the box.

The Difference is Clear.

See how **Oktima** transforms every aspect of embedded development.

	Traditional Development	OKTIMA
Team Required	4-5 specialists	Domain expert + AI Agent
Time to Prototype	Weeks to months	Hours to days
UI Quality	Depends on UX budget	Professional by default
Security Implementation	Manual, error-prone	Built-in, Rust-powered
Hardware Change	Major rewrite	Recompile only
Regulatory Compliance	Expensive consulting	CRA-ready out of the box
Maintenance Burden	Growing tech debt	Minimal overhead
Learning Curve	Months of training	Days to productivity



Ready to Level Up
Your Embedded Workflow?
Get in Touch

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