

Renesas Ready Ecosystem Partner Solution Tara Systems Embedded Wizard



Solution Summary

Embedded Wizard is a GUI technology that enables the customer to create platform-independent and high-performance graphical user interfaces (GUI), even on resource-constrained microcontrollers. We are driven by the idea to provide a comfortable workflow for embedded systems. Embedded Wizard supports customers in the realization of their GUI projects by simplifying development efforts for [RX Family](#), [RA Family](#) MCUs and [RZ Family](#) MPUs.

Features/Benefits

- Modern and user-friendly WYSIWYG authoring tool
- Generation of source code optimized for selected target system
- Ready-to-use widgets, effects, animations, layout functions, vector graphic rendering, etc.
- High-efficient code and minimum memory footprint
- No (RT)OS is required, GUIs can even run on bare metal
- Current supporting [RX261](#), [RX63](#), [RX65N](#), [RX72N](#), [RA4M2](#), [RA4M2](#), [RA6M3](#), [EK-RA8D1](#), [RZ/A Series](#), [RZ/G2L](#), [RH850](#).

Diagrams/Graphics



Target Markets and Applications

- Industrial
- Consumer Electronics
- Home Appliances
- Automotive
- Medical

Simplify Your GUI Development

Lean. Versatile. Scalable. Fast.

Lean

- Low memory footprint
- High-efficient ANSI-C source code generation
- Object-oriented programming
- One code base for multiple platforms

Versatile

- Suitable for various markets
- Professional services from our experts
- Simple handling of themes, layouts, resolutions
- User testing with PC, web or native mobile apps

Scalable

- Any platform (MCU to MPU)
- Variety of color formats
- Bare metal or any (RTOS)
- Any graphics API

Fast

- WYSIWYG Editor
- Instant prototyping and debugging
- Ready-2-use and fully customizable widgets
- Best utilization of HW graphics acceleration



Pricing

Free

- Limited project complexity
- Pre-compiled library
- Watermarked
- € 0

Small Business

- Unlimited project complexity
- Pre-compiled library
- 1 color format
- Max. 300 devices/year
- Bound to 1 platform
- Incl. 1 developer seat
- € 2990

Professional

- Unlimited project complexity
- Full source code
- 1 color format
- Max. 3000 devices/year
- Upgradable to multiple platforms
- Incl. 1 developer seat
- 12 months free updates
- € 7300