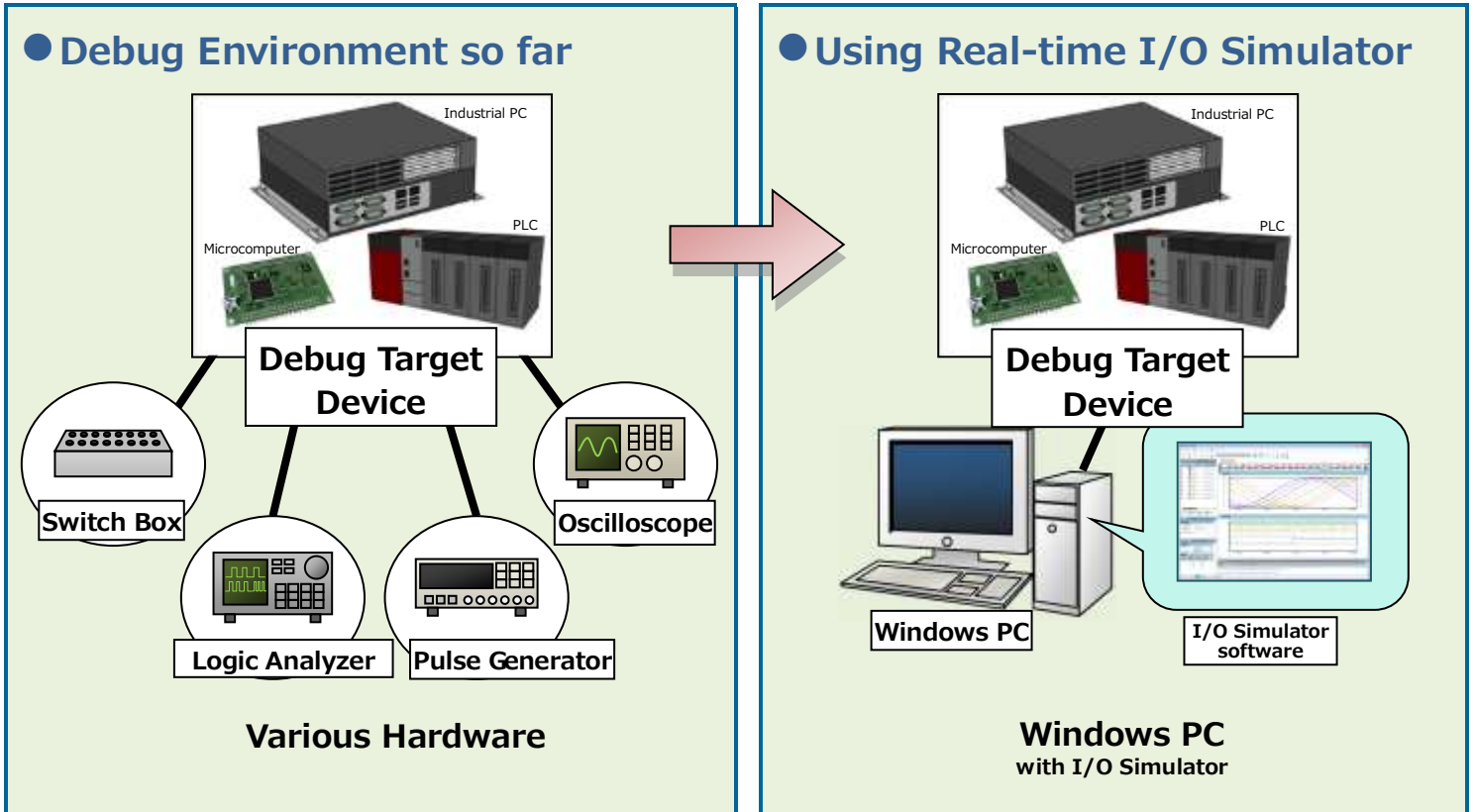


RT IOSIM

Real-time I/O Simulator

Real-time I/O Simulation and Monitoring

Real-time I/O Simulator is a software which can easily achieve high-speed & real time Digital I/O and Analog I/O with **under 1 millisecond** which cannot achieve by Windows PC. You can use Windows PC and you don't need various hardware for conventional debug environments.

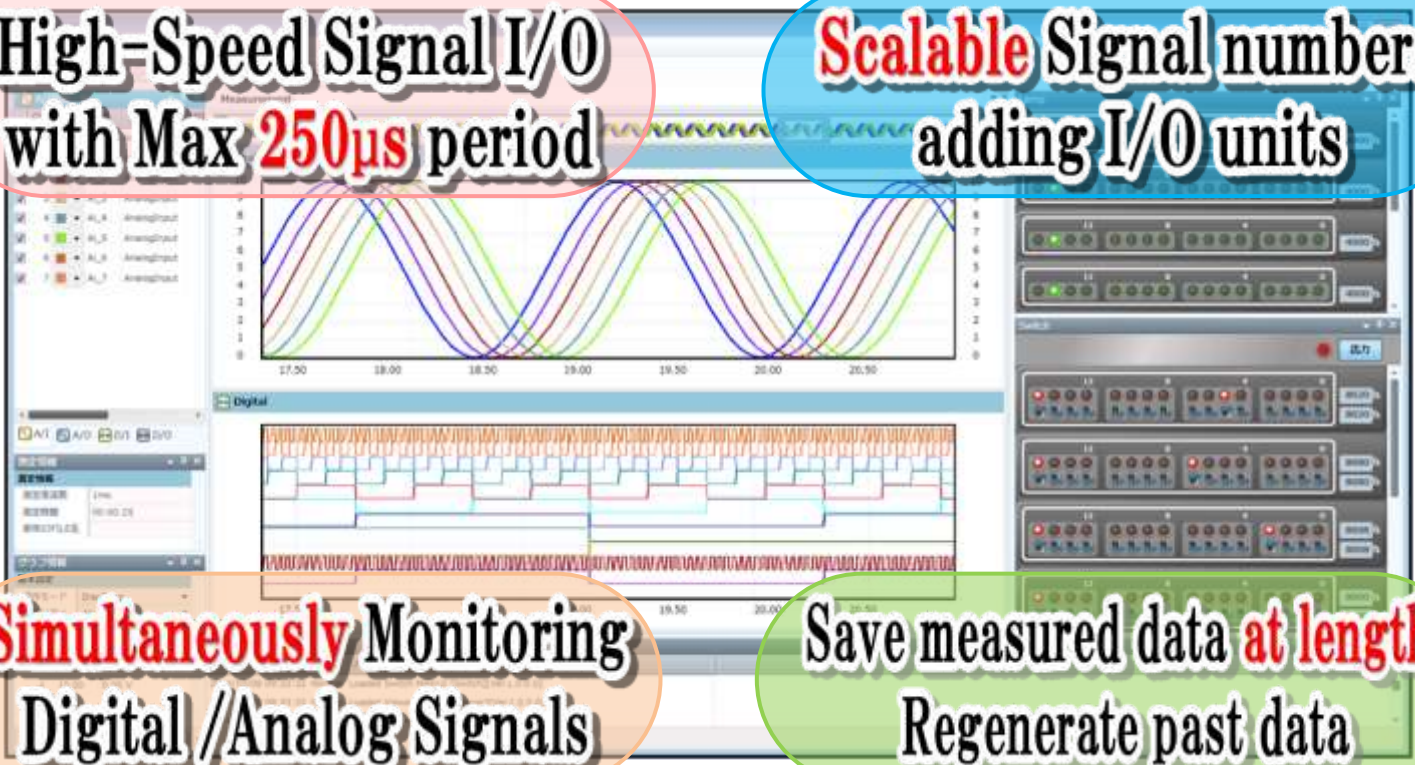


High-Speed Signal I/O
with Max **250 μ s** period

Scalable Signal numbers
adding I/O units

Simultaneously Monitoring
Digital /Analog Signals

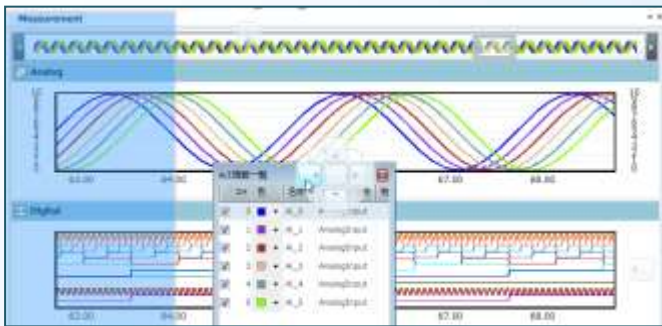
Save measured data **at length**,
Regenerate past data



⊕ Function of Real-time I/O Simulator

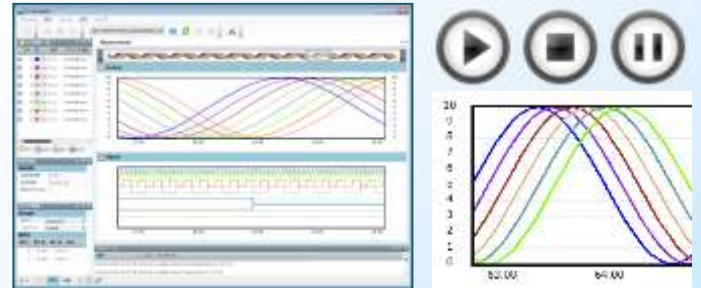
● Monitoring

- Simultaneously Monitoring multi signals
- Digital:16/Analog:8 points in Graphical Display
- Freely customizable screen layout



● View Measurement Data

- All data of I/O units can be saved
- Saved Data can be regenerated (viewed)
- Measured data can be exported to CSV files
- Setting information can be saved



● Output Operation

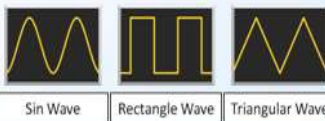
- Not need dedicated hardware such as switch boards
- You can use all points if I/O unit devices are added



DO-Output signal operating switch

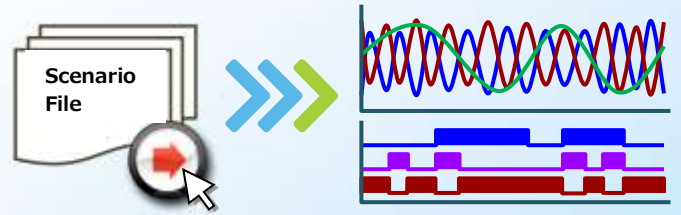


AO-Output signal inputting any values
You can also output rectangle wave, sin wave, triangular wave by simple Function Generator function.



● Scenario (※Plan to release next time)

- No Coding, Easy scenario output setting
- Monitoring is available while scenario play
- Duplicating measured data as scenario data is available
- Self-editing scenario data is available (CSV format)
- Support for Start / Stop trigger



⊕ Operating Environment

CPU	Multi Core CPU 1 GHz and over
OS	Windows 7, Windows 8 (x86/x64)
Essential Environment	.NET Framework 4.5 Microsoft Windows Installer 4.0 and over
Memory	2 GBytes and over
Graphic	Microsoft DirectX 9 graphic device
Storage	Empty space of about 10 GBytes and over
Image Resolution	1024 × 768 and over
Network Controller	PCI Board or EtherCAT *In case of EtherCAT, support below. Intel 100Mbps network controller Intel 1Gbps network controller RealTek 1Gbps network controller

⊕ Specification

Graphical Display	Digital	Points can be displayed Simultaneously : 16
	Analog	Points can be displayed Simultaneously : 8
Sampling Period		250μsec, 500μsec, 1msec, 10msec, 100msec, 1sec
Frequency		Max 1KHz

⊕ Including this product

Install CD-ROM For Real-time I/O Simulator	■ Real-time I/O Simulator Software
	■ Instruction Manual
	■ USB Dongle Key

*Regarding DI/O units, AI/O units, power for I/O units, please ask our sales staff.

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Micronet http://www.mnc.co.jp/index_E.htm

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※ The specifications in this catalog might change without any previous notice.