

Test Instrument Emulator

Keysight Technologies
and WinSoft

Extend the lifetime of your legacy test systems with test instrument emulation

The lifetime cost of an automatic test system can increase significantly when its test instruments become obsolete. Obsolete test instruments may require the modification of system software, drivers and test programs, incurring potentially significant cost and time penalties.

The WinTE-7000 test instrument emulator from WinSoft minimizes these costs by allowing the replacement of legacy test equipment with compatible new instruments, without software modifications. The WinTE-7000 is the only product that enables the life extension of an entire legacy test system.

WinTE-7000 was designed with a scalable architecture that enables the emulation of multiple and different test instruments simultaneously and with the option of adding more instruments over time. The use of an innovative architecture to translate instructions and maintain instrument original timing makes the WinTE-7000 the most cost-effective choice for replacing obsolete instruments.

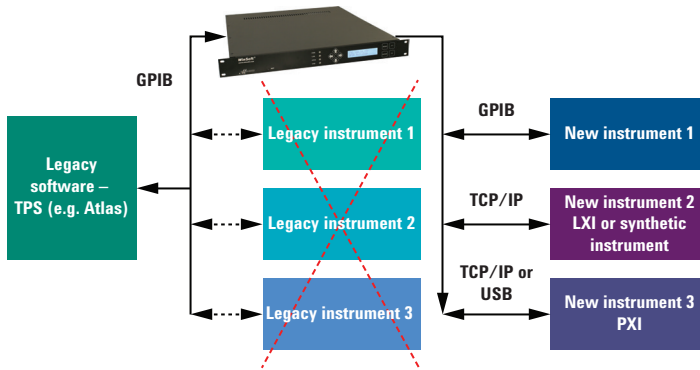
The emulator operates with a wide range of Keysight Technologies instruments allowing customers to take advantage of the continuous improvements in the price/performance of Keysight products. Now customers can use the latest generation of Keysight's spectrum and network analyzers, signal generators, pulse generators, counters and other instruments in their legacy systems without incurring the costs of software modifications, redesign and validation.

The WinTE-7000 works seamlessly with legacy programming languages such as ATLAS, HP-BASIC and FORTRAN and does not require an ATLAS translator, ATLAS migration, or TPS modification. The emulator supports standard communication protocols such as GPIB, USB, RS232 and TCP/IP, and widely used platforms such as rack & stack, PXI, LXI and synthetic instrument modules.

- Test instrument emulator extends life of legacy test equipment
- Emulates multiple and different instruments simultaneously
- Works with wide range of Keysight instruments
- Supports legacy languages including ATLAS, HP-BASIC and FORTRAN
- Available as 1U-high 19 inch rack and PXI slot 0 controller
- Use latest instruments without software modification or redesign
- Extends lifetime of legacy test systems



Test Instrument Emulator



To provide prompt and timely product support, WinTE-7000 includes an embedded web server with built-in tools for remote diagnostics and debugging. The WinTE-7000 is packaged in a small 1U-high 19-inch standard rack designed for space saving applications. WinTE-7000 is also available as a PXI slot 0 controller. When combined with PXI modules from Keysight this allows you to create a new virtual instrument to replace your legacy instruments

Since 2002 WinTE-7000 has extended the life of many critical military test systems providing the best return-on-investment and significant reduction in downtime of the upgraded test stations.

With the WinTE-7000 instrument emulator from WinSoft you can now incorporate the price/performance advantages of Keysight’s latest instrumentation in your legacy systems without the cost and time penalties of software modification, redesign and validation.

System Components

Keysight Technologies

The WinSoft WinTE-7000 can be used with a wide variety of Keysight standalone and modular instruments

WinSoft

WinTE-7000	1U module (GPIB, TCP/IP, USB)
PXI-TE	PXI slot 0
SF100	Software firmware
EM100	Software emulation package

To learn how this solution can address your specific needs please contact Keysight’s solutions partner, WinSoft

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Keysight and its Solutions Partners work together to help customers meet their unique challenges, in design, manufacturing, installation or support. To learn more about the program, our partners and solutions go to

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WinSoft Inc. is a test and measurement engineering company specializing in automatic test equipment (ATE) development and integration

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