

Agilent IntuiLink Software

Intrinsic Connectivity, Instinctive Control

- Seamless integration of Agilent Technologies instruments and PC applications
- Easy access to instrument data and pictures for fast analysis and reporting
- Simple automation of complex or repetitive tasks

in 'trin sic : adj : 1 belonging to the essential nature or constitution of a thing 2 the defining characteristic that sets IntuiLink measurement solutions apart from all others

Intrinsic connectivity. *Creating instrument-to-PC connections that are automatic, seamless, intuitive. Agilent Technologies brings down the barriers, so you can quickly get measurement insights from your instruments.*



Insightful Engineering

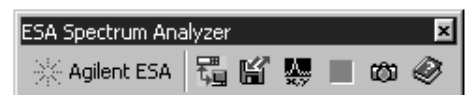
There are many obstacles between product design and product delivery. But with Agilent IntuiLink, at least one big wall has come tumbling down. IntuiLink removes the barrier between instruments and PCs, allowing measurement data to be accessed instantly, easily, whenever and wherever it's needed—in design verification, manufacturing test, process control, and data acquisition. IntuiLink connects instruments to PC-based applications. Instrument data and graphics are just a few mouse clicks away, so instrument programming happens quickly from familiar PC applications. Now you have instant, direct access to your valuable measurement data, so you can easily analyze it, display it, and use it for its intended purpose: to gain insights, solve problems, improve decision-making, and engineer better products faster.

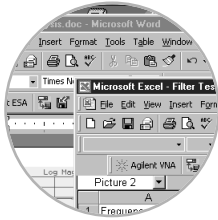
Intrinsic Control

IntuiLink is the bridge that links PCs and instruments. It allows you to retrieve images and data generated by your test and measurement instrument from within your favorite PC application, without forcing you to leave that application or learn new software. It allows you to control instruments from your PC, providing built-in routines for simple test system automation that streamline repetitive or complex tasks. With IntuiLink, you continue working in your familiar PC environment, but use integrated, intrinsic tools to simplify the way you work.

Direct Access

IntuiLink's PC application toolbar provides direct access from your PC applications to the instruments that set up and take measurements. At the click of a button within Microsoft® Excel or Word, you can retrieve an image (such as a screenshot) and insert it into your spreadsheet or document. You can manipulate the image, save it in a file, or save the image as a bitmap for inclusion in other applications. You can do the same with test results data: retrieve the information you need from your instruments, then use the analysis capabilities of your favorite applications to create custom graphs and views. Integration between instruments and key PC applications has never been tighter.





No Curves

IntuiLink functions as part of your PC application. Data can be moved from an instrument to a PC with zero programming skills, without forcing you to learn new development tools. Whether you're an experienced programmer or would prefer not to program at all, IntuiLink gives you high-level instrument control with no learning curve: you continue using your familiar PC applications to manipulate and analyze data and images.

No Barriers

Today IntuiLink eliminates barriers between PCs and instruments. In the future it will go even further, eliminating barriers across other aspects of instrument control, redefining how data users interact with instruments. Here's what's in store:

- IVI drivers—IntuiLink will support emerging IVI drivers based on the COM standard, as defined by the Interchangeable Virtual Instrument (IVI) Foundation.
- Computer-standard I/O—Agilent is driving the adoption of popular computer-based I/O standards (IEEE 1394, USB, LAN) and will support the eventual migration from specialized test and measurement standards such as GPIB.

Agilent also provides connectivity capabilities beyond IntuiLink. Web-Enabled instrument control gives you remote access to instruments across the Web using popular Web browsers. Web-enabled support is available today on Agilent 16700 Logic Analyzers, 8714 Network Analyzers, and Infiniium Oscilloscopes, and will soon be available on the Economy Spectrum Analyzer (ESA) and Performance Spectrum Analyzer (PSA).

Bottom-Line Manufacturing

IntuiLink is part of a competitive manufacturing strategy for transforming manufacturing data into a strategic competitive advantage that goes directly to the bottom line. With IntuiLink, you spend less time struggling with instrument data and more time using it, analyzing it, putting it to work. It means more informed decision-making, faster time-to-insight, and better products delivered sooner.

Go Ahead—Connect

At Agilent, we're creating connections that are transparent, seamless, unexpectedly easy, so there are fewer barriers between the instruments that take measurements and the people who put those measurements to work. The future is highly connected at Agilent, and it's easy to learn more. Just connect with us today. Visit our website at www.agilent.com/find/intuilink

The Power of IntuiLink

- Quickly get instrument data and images into Microsoft Office and technical development applications with little or no programming.
- Use familiar applications to quickly visualize, analyze, manipulate, document and print instrument data and images.
- Easily save instrument state settings, and retrieve them later to quickly reproduce difficult measurement set-ups.
- Send wave form data directly to a source.
- Automate tests using Active X/COM programming objects (drivers).

Technical Specifications

Minimum PC Configuration Requirements:

Windows® 95 or Windows® 98

Windows NT® 4.0 SP 4 or higher,
Windows 2000

Pentium-90

32 MB RAM

50 MB free disk space

Installed GPIB I/O: Agilent GPIB card (with J.01.02 I/O library software or above) or Agilent E2050A LAN / GPIB gateway, or National Instruments GPIB cards or GPIB-ENET converter box; or RS-232 (COM port) for instruments that support it.

MS Office – Office 97 SR2 and above, including Office 2000

Environments Supported:

Applications:

Microsoft Excel 97 and 2000
Microsoft Word 97 and 2000

Software Development:

Visual Basic 5.0/6.0
VBA 5.0/6.0
Agilent VEE 5.0 or greater
LabVIEW 5.1 or greater
Visual C/C++ 5.0/6.0

Supported Instruments:

- 5462X-series Oscilloscopes
- 548XX-series Infiniium oscilloscopes
- DMM 34401A, 34420A Multimeters
- 53131/32/81 Counters
- ESA E/L/EMC Spectrum Analyzers
- PSA Series Spectrum Analyzers
- VNA (875X, 872X, 871X) Network Analyzers
- PNA (E835X) Network Analyzers
- ESG A/AP/D/DP Signal Generators
- Arb 33120A, 33250A Function Generators (available April 2001)

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlay Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and on-site education and training, as well as design, system integration, project management, and other professional services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

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