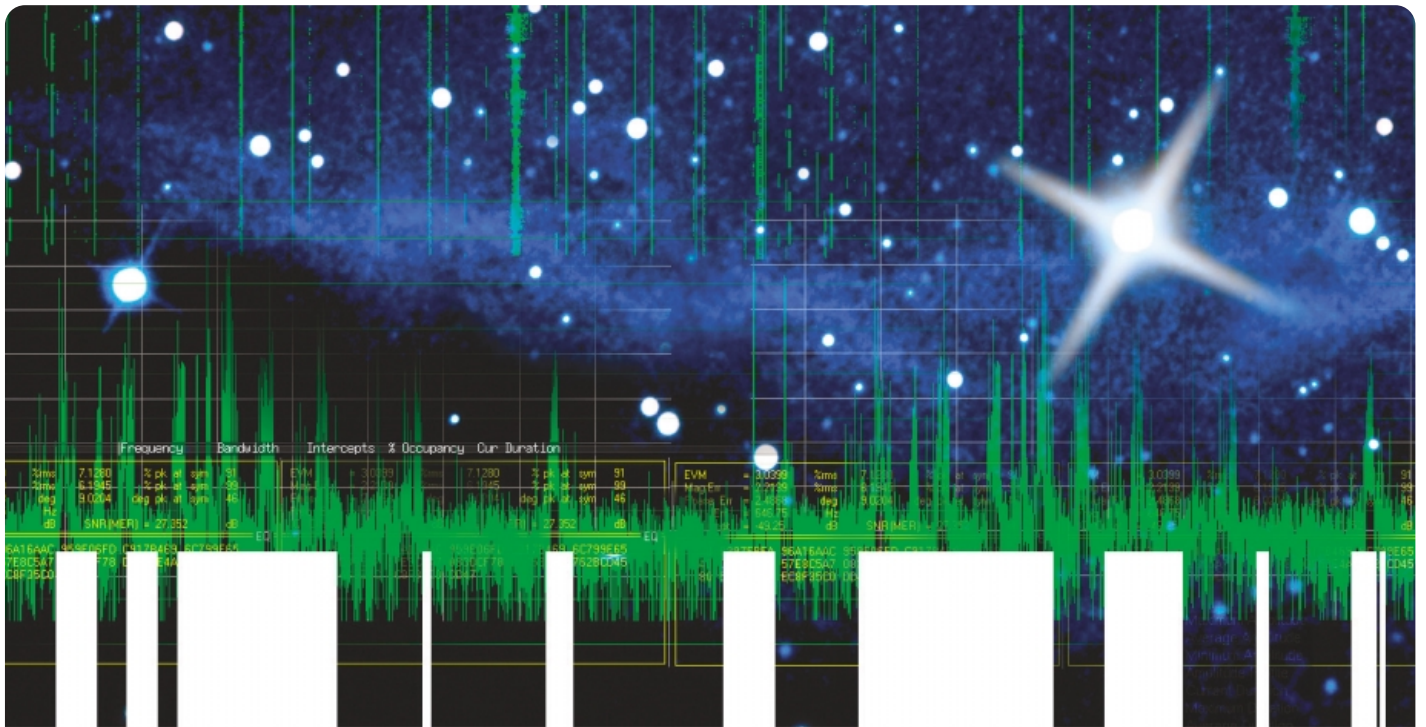


Aerospace/Defense and Agilent Technologies

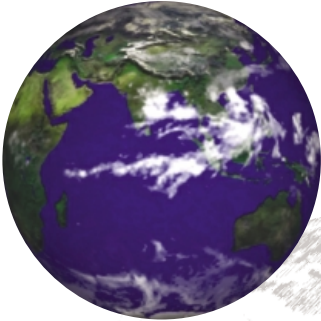


Accelerating Progress in Aerospace/Defense

Accomplish more with less.

Get support where you need it.

Upgrade your expertise.



How?

Work with the world's leading supplier of Test & Measurement to the Aerospace/Defense industry.

You accomplish more with less when you lever somebody else's resources. By working together, we can help you do a great deal more with a whole lot less. For example, we've actually been known to take a customer's 30-hour test procedure and reduce it to *30 minutes*. We can help you do the seemingly impossible faster, and do it with commercial off-the-shelf (COTS) products, at that. Just ask us.

Once your creation is up and running in some remote location, who's going to help you maintain it? From Oulu to Capetown, we are, by providing support for the test systems that go with it. Our products are backed by the industry's largest worldwide support organization.

Keeping up

What's the latest in radar or digital communications? Our experts can help keep you informed on a regular basis about the latest in measurement science. We're holding seminars in cities around the globe, and leaving behind a CD-ROM full of practical reference material. Load one into your laptop, carry it to lunch, and take radar with your coffee. Missed the seminar? Check our website in the future for papers from our experts. The URL: www.agilent.com/find/ad

Upgrading a 60-year program down the road can be expensive, especially if you have to rewrite the test system software. Agilent responds to this problem in several ways. Our new spectrum analyzers, sources and power meters have software-compatibility with older models, to help protect your software investment. "Personality" modules in our spectrum analyzers make it easier for you to add new capability as technology changes. Finally, our new T&M Toolkit for Visual Studio.NET software drastically reduces the time needed to write new code.

60 years and counting

For the benefit of newcomers to the industry, Agilent Technologies used to be the Test & Measurement Organization of the Hewlett-Packard Company. We have a 60-year history of significant accomplishments in aerospace/defense, and we've only just begun. This year, we're introducing the largest number of new microwave products in our history. We're the world's largest supplier of T&M solutions. We're definitely in it for the long haul.

To find out more, log onto: www.agilent.com/find/ad



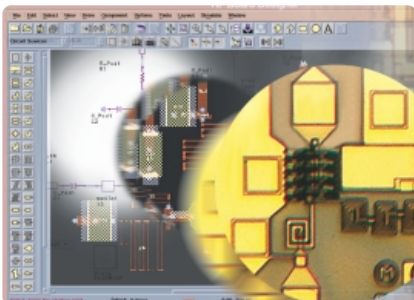
Accelerating Progress in Defense Electronics



Defy the skeptics.

Do more with less.

**Learn what you'll need to
know tomorrow.**



Develop the impossible and make it fly. And while you're at it, give it a 60-year life expectancy.

Just another day at the office.

Put Agilent to work for you and we can help ease your way through that day.

Under our previous identity as the Hewlett-Packard Test & Measurement Organization, Agilent Technologies has been closely associated with the defense electronics industry for over 60 years.

But – what have we done for you lately?

Let us count the ways:

- New PNA Network Analyzers,
- New PSA Spectrum Analyzers,
- New PSG Microwave Sources,
- New EPM Power Meter Series
- Radar and Digital Comms Symposia
- Code Compatibility Program
- New Aerospace/ Defense Web site
- Email Update Program
- IVI standards, and
- Microsoft.NET Services

These are by no means trivial accomplishments. Every one of our new developments will help you do your job faster and better than ever before. Taken together they represent the largest new wave of efficiency enhancement introductions in our long history.

System Development

Agilent is the market leader in VXI products, and we also use VXI as a development platform for sophisticated instruments like our new 43Gb ParBERT and a series of Vector Signal Analyzers.

Like you, we've been creating complex test systems for years, and conquering tough problems in measurement science.

Personal growth

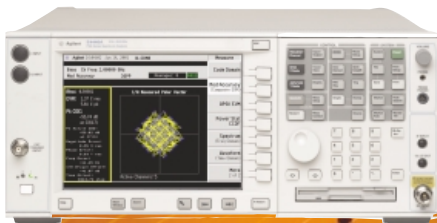
We're dedicated to making you part of the most successful generation of defense electronics developers in history, to helping you do more with less, to being that "force multiplier" that everyone wants. We're demonstrating our dedication with a continuing series of seminars we've been holding in cities all over the world.

There are currently four series: Digital Communications Basics, Digital Communications Theory, Radar Measurement Basics and Advanced Radar Measurements. More are on the way.

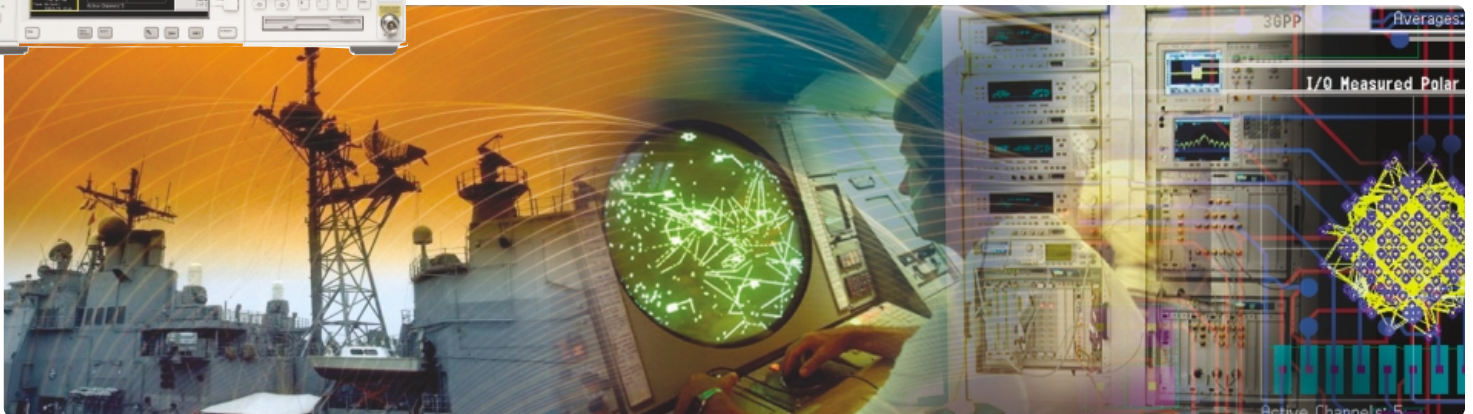
To give you a feeling for the quality and content of these seminars, here's the syllabus for just one of them, Digital Comms Measurements:

- Channel Power and Frequency Accuracy
- Network Analysis of Frequency Translating Devices
- Modulation Accuracy and Adaptive Equalization
- Testing in Noise
- Spread Spectrum and Frequency Hopping
- Integration of Simulation, Signal Simulation, and Signal Analysis
- Non-Linear Component Characterization and BER Prediction

Should you have the misfortune to be elsewhere when we arrive to hold one of these seminars, we'll be posting the material later at www.agilent.com/find/ad



Protect your system software investment with code-compatible products like the PSA Millimeter Wave Spectrum Analyzer.



Accelerating Progress in Satellite Communications

Develop and test faster.

Deploy gracefully.

**Maximize efficient use
of spectrum.**



Success in the age of digital communications depends on your ability to anticipate new technologies, launch an information infrastructure and build solid partnerships faster than ever before. Agilent Technologies and our partners have the tools, solutions and services that minimize the complexity of satellite system test and simplify the management of information.

A different approach

On the ground side, everything has to be tested, starting with ground station qualification and continuing indefinitely with link quality monitoring. In the past, engineers either bought systems from now-defunct companies or assembled a multitude of custom test solutions

on their own and then wandered off into retirement. In either case, those systems are now by and large unsupportable. May we suggest a different approach? Look for a supplier who will provide you with COTS equipment that can be supported by the supplier. Our COTS 89600 Series of Vector Signal Analyzers and PSA Series of Spectrum analyzers are a good place to start.

Once you're up and running, the next objective is spectrum efficiency. To make your mission successful, you need to utilize your spectral resources to maximum effect. That means precision monitoring of every stage of your ground station. And that means a suite of precision RF test solutions from Agilent Technologies.

For the "bird", there's a single Agilent solution that can perform all of your communication payload testing. It's called the 85121A Payload Test System, and we're the only vendor who offers the capability to test current bent-pipe (analog) technology as well as next generation digital regenerative communication payloads. In addition, Agilent offers testing solutions for solar array panels including the E4350B Solar Array Simulator.

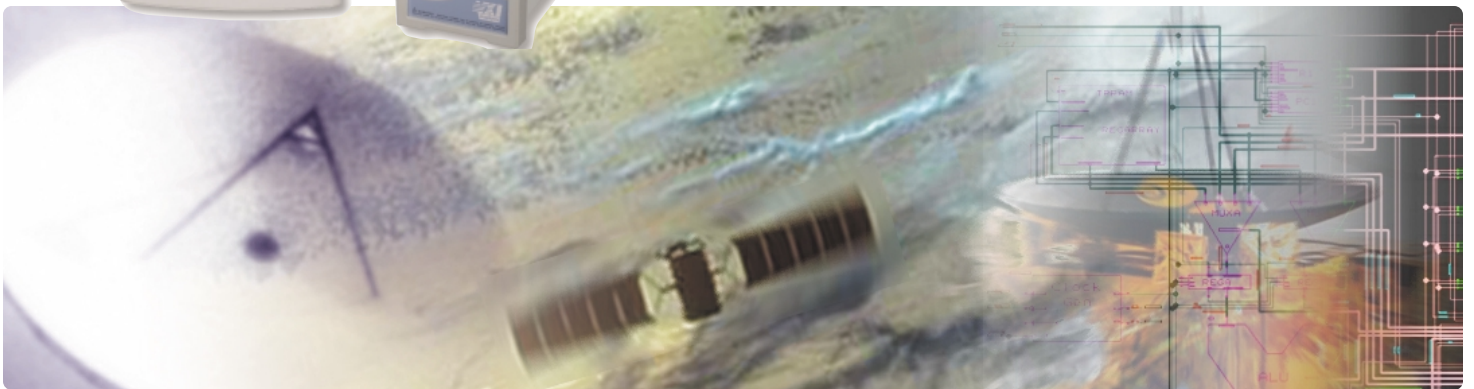
Experts in the wings

We complement these offerings with solution partners expert in battery test, bus test, in-orbit test, and other specialized areas. This integrated team approach to satellite test provides manufacturers with a single, proven partner capable of coordinating all of your satellite testing needs.

You want better efficiency of ground operations plus accelerated deployment of next-generation digital satellite systems? The place to start is: www.agilent.com/find/ad



Frequency hopping.
Burst.
Digital Modulation.
Use our latest Vector Signal Analyzer (VSA) system to analyze and monitor wide bandwidth time-varying signals.

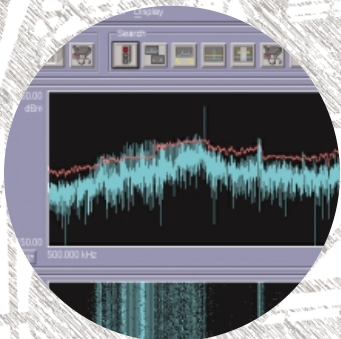


Accelerating Progress in Surveillance

**Deploy Quickly and
Inconspicuously.**

Intercept Relentlessly.

Identify Positively.



Digital communications has also changed the surveillance landscape, presenting new challenges to the communications intelligence mission.

Operational realities compound the problem: now you're expected to develop or intercept more signals with less equipment and fewer people.

More than ever, successful missions depend on high productivity from system creators, systems and operators. Whether the signals are stationary or moving, burst or continuous, low-level or high-power, Agilent COMINT solutions let you deploy systems quickly and generate results rapidly.

Agilent has responded to the changing communications intelligence environment with new equipment, solutions and techniques to help you

nail those elusive signals and analyze them for every imaginable parameter. Modular hardware and software readily adapt to your mission, whether fixed, portable or leave-behind.

Develop signals faster

Plug-and-play, modular, COTS, and VXI-based, Agilent COMINT systems cover the spectrum from HF to EHF in multiple modulation formats. They apply cutting-edge technology, inventive interfaces and ferociously competent support people to help you get deployed – or redeployed – and developing new signals faster and less expensively than you've ever done it before.

If you're new on the assignment, you'll find our fully automated search capability and detection

algorithms invaluable. But even if you're a grizzled veteran, you'll be surprised at how quickly our systems can uncover results. Agilent's cutting-edge technology lets you comb the spectrum in a hurry, with greater than 9 GHz/second sweep, real-time decode and versatile alarm functions.

Accomplish your mission

Agilent's commercial components and software subscription service keep you up to date at all times and help you analyze new signal technologies as they appear. And our worldwide service support keeps you in the field and operating at full potential.

Working with Agilent Technologies, you can enhance your productivity, protect your investment, and accomplish your COMINT mission with consistent success. Talk to one of our Signal Intelligence specialists today, or navigate your way to:

www.agilent.com/find/ad



E3238 Signals Development System

No matter how sophisticated they get, you can keep up.



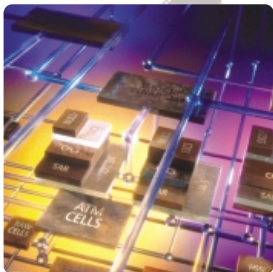
Accelerating Progress in Homeland Security



Maintain communications.

**Detect and quantify
bio-contamination.**

Be sure.



Homeland security is a world-wide issue. Wherever you live, there are two areas in particular – communications integrity and bio-testing – where Agilent can help you be sure of your environment.

Network monitoring

Agilent has supplied operational support systems (OSS) solutions to more than 400 communication service providers in 40 countries around the globe. Of particular interest for homeland security are our *acceSS7* (wireline and wireless) and *accessFIBER* (lightwave) network management systems. *AcceSS7* unobtrusively monitors your SS7 signaling network, gleaned network performance information. Are any links out of service? Is there a traffic trend that may indicate the onset of a network outage? And if an outage does occur, what portion of your network has remained operational and where is your available capacity?

How does the signaling information correlate with other performance measurements throughout your network? Agilent provides the NETeXPERT suite of products with support out-of-the-box for a large number of network element types including DMS switches and Cisco routers. Our software is uniquely suited to processing a large number of network events from different sources and reducing the information to the essential facts - the kind of information you'll need to deal with sudden changes in network conditions. If it's your job to maintain network quality of service irrespective of conditions, Agilent's Firehunter solution will help you do it. At the onset of a service-affecting event, Firehunter will help you with service restoration by means of alternative circuits or even alternative technologies, if they're available.

Chemical and Biological Defense

Another facet of homeland security requires providing public assurances that the air, water and food supplies are safe. Agilent offers some highly respected COTS instrument systems – already proven in military applications – to meet these needs. We provide systems tailored to address each of these threats:

1. Chemical Weapons such as Sarin nerve agent or mustard gas.
2. Toxic Industrial Compounds – e.g. Chlorine, or Methyl Isocyanate and PCB.
3. Biological Weapons.

Military and various country agencies have used Agilent instrumentation for chemical and biological agent monitoring, demilitarization, force support, forensic investigations, toxicology and medical research for over 15 years.

The demonstrated technologies and established methods that exist in these traditional analytical laboratories today can and have been transferred to mobile platforms. The result is incident-site information that can be used to make faster decisions, thereby protecting health and saving lives.

Agilent augments all these highly complex capabilities with localized training centers as well as specialized on-site training, and the full complement of support that goes with every solution we sell.

To learn more about our capabilities in either of our homeland security areas of specialty, start at: www.agilent.com



Agilent 6850 Gas Chromatograph and 5973N Mass Selective Detector used for the detection, identification and confirmation of chemical compounds.



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 underlie 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 engineering 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.



Agilent Email Updates

www.agilent.com/find/emailupdates

Get the latest information on the products and applications you select.

Agilent T&M Software and Connectivity

Agilent's Test and Measurement software and connectivity products, solutions and developer network allows you to take time out of connecting your instruments to your computer with tools based on PC standards, so you can focus on your tasks, not on your connections. Visit www.agilent.com/find/connectivity for more information.

By internet, phone, or fax, get assistance with all your test & measurement needs

Online assistance:

www.agilent.com/find/assist

Phone or Fax

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Canada:

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(fax) 800 820 2816

Europe:

(tel) (31 20) 547 2323

(fax) (31 20) 547 2390

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