



Accelerating Innovation to Connect
and Secure the World

**Innovators
start here**



**An innovator's first question
isn't "What's the solution?"
It's "Where do I begin?"**



Satish Dhanasekaran
President and CEO

A message from our President and CEO

Innovators continuously strive to make their most ambitious visions a reality. In a world that's more dynamic and fast-paced than ever, they constantly push boundaries and solve problems to build a better future for all of us.

As an enduring business that's been around for over eight decades, Keysight understands better than most that innovation isn't a destination. Your journey includes unexpected challenges and exciting discoveries.

No matter what your industry, you're dealing with growing levels of complexity, pressured by the speed with which you need to move.

We're proud to partner with customers like you at every step of your design journey, enhancing your expertise with ours and driving your vision forward. Our software-centric strategy combines hardware, software, and services to provide total solutions that inspire innovation and empower your engineering workflows across the design and development environment. We deliver insights to you sooner, giving you a distinct advantage in your markets.

And because innovation moves quickly, we engage with you early in the research and development cycle, long before your products are commercialized. We help you foresee emerging trends and standards, anticipate challenges, and get to market faster with reduced risk.

To innovators like you everywhere, we say: You never know where your journey will lead. But you can know where to start.

I invite you to start here with Keysight.

What's Next for Tomorrow's Innovators?

Every day, you're tackling the world's most critical challenges using an array of innovations. You're carving out brave new realms in electric and autonomous vehicles, 6G communications, the internet of things (IoT), digital healthcare, electromagnetic defense, and quantum computing.

Technologies this advanced bring unprecedented levels of complexity. To succeed, your designs must meet enhanced compliance and connectivity standards and operate across a much wider range of often unknown conditions.

Partner with us to master emerging technologies.



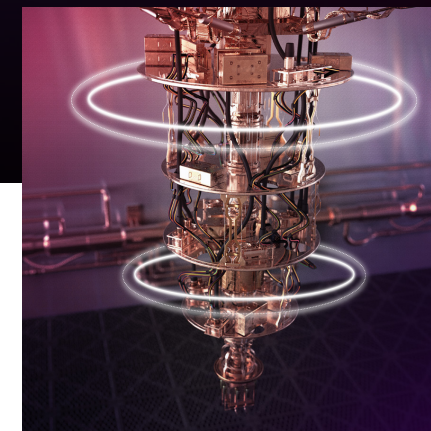
Digital twin technology and artificial intelligence (AI) are blending physical and virtual worlds to usher in a new era of efficiencies in designing, emulating, and validating new electronic products.



Electric vehicles (EVs) are driving more integrated and intelligent energy consumption and bringing a new ecosystem to life.



The power of 5G and 6G continues to transform our world. Faster 5G rollouts are accelerating demand and expectations for advances in complex technologies like autonomous driving and Industry 4.0, while 6G is fueling the rollout of metaverse capabilities.



Schrödinger's Cat may be dead (or not), but **quantum computing** is vibrantly alive, carving new directions in cybersecurity, materials creation, financial analysis, and military receivers.



Hackers are employing AI to create deepfakes and exploit our expanding universe of webcams, microphones, and other connected devices. We must be ready with a robust **cybersecurity** response to IoT-based threats.

**When you envision
tomorrow's possibilities,
you never know where
your journey will lead.
But you can know where
to start.**

At Keysight, we empower innovators to bring world-changing technologies to life. Since our beginnings in a Silicon Valley garage, we've understood that innovation is a journey. You need a collaborative advisor who'll provide expertise and tailored solutions to take you from concept to reality.

As your global innovation partner, Keysight works in concert with you, delivering market-leading design, emulation, and test environments that help you develop and deploy faster, with less risk, throughout the product life cycle.

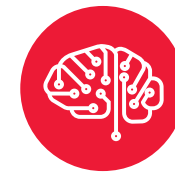
Push the boundaries of engineering and deliver the best product experiences with our technologies, measurement expertise, and tailored solutions, built from a foundation of co-innovation with industry ecosystem leaders. Gather insights, sooner, to build and go-to-market with confidence.

Ready to design the future? Start here, with Keysight.





Three Reasons to Start with Keysight



Innovate smarter.

Rely on Keysight to bring you a deep understanding of your applications at the technology, system, and business process levels. We'll co-innovate with you, putting our global ecosystem of technology partners and industry standards experience to work.



Get there faster.

Keysight packages what you need to smooth and speed your go-to-market process. Our comprehensive hardware, software, and services span design and validation, so you can simulate, troubleshoot, and solve real-world scenarios through efficient, automated, AI-driven processes.



Win in your market.

Keysight's commitment to your success is unmatched in the industry. Your success is ours, and our engineers work in concert with yours across the workflow to ensure you achieve your goals.

Get Out Ahead of Standards

Tomorrow's innovations will be built on standards that are still being determined. To be successful, you need insight into where the next standard version is heading, what is changing, and how it will impact your engineering work.

As a participant in more than 35 standards bodies and consortiums, our top experts work alongside other industry influencers to define standards and identify the optimal way to test them. Which means that when the next innovation wave arrives, we've already mastered it.

And so will you. Our experts are available to advise, assist, and augment your teams. We share best practices and suggest strategies to optimize every step of the process from product design and test to development and production.

We're shaping the future of technology with standards leaders

3GPP	CTIA	iNEMI	MIPI Alliance	PNC
5GAA	DIN	ISO	OIF	PXISA
AXIe Consortium	ETSI	ITU	OmniAir Consortium	TTCN-3
Bluetooth SIG	GB	HDMI Forum	OCA	USB
CHAdemo	IEC	HPC	O-RAN Alliance	USB-IF
AI-RAN Alliance	IEEE 802.11	JEDEC	PCI SSC	VESA
6G-IA	IIC	LXI	PCI-SIG	Wi-Fi Alliance

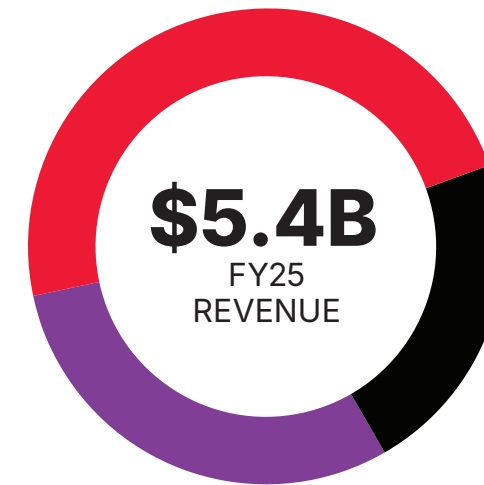
Our Strength is Yours

Keysight's breadth and depth support your innovations

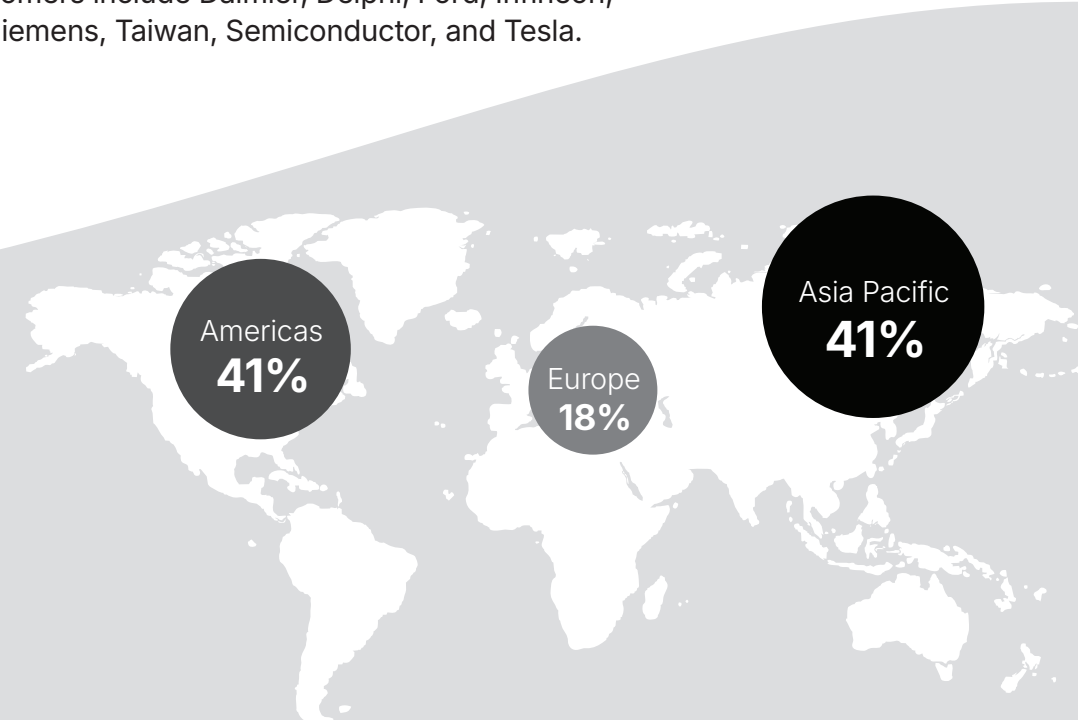
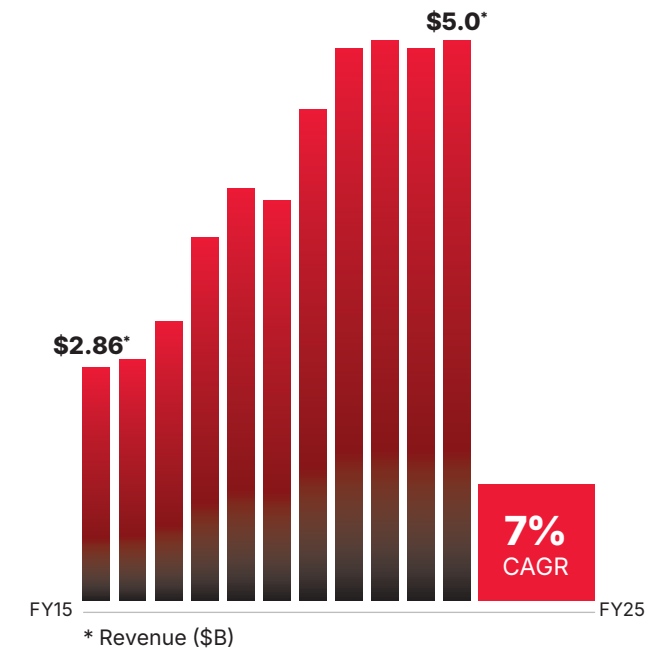


1 Per company estimate
 2 Includes indirect channel
 3 Patents awarded to Keysight and Keysight's business under Agilent Technologies and Hewlett-Packard
 4 As of fiscal year-end FY25

Keysight revenue and growth



- 46% / \$2.5B**
Commercial communications
 Key customers include Alphabet, Amazon, AT&T, Broadcom, Cisco, Fujitsu, HP, Nvidia, Lenovo, LG, Meta, Microsoft, Nokia, Qualcomm, and Samsung.
- 23% / \$1.1B**
Aerospace, defense, and government
 Key customers include BAE Systems, Boeing, Leonardo, Naval Research Lab, and the U.S. government.
- 31% / \$1.6B**
Electronic industrial
 Key customers include Daimler, Delphi, Ford, Infineon, Qorvo, Siemens, Taiwan, Semiconductor, and Tesla.



Keysight Serves as Your Global Innovation Partner for High Growth Industries

We inspire and empower:



10/10

top automotive
companies



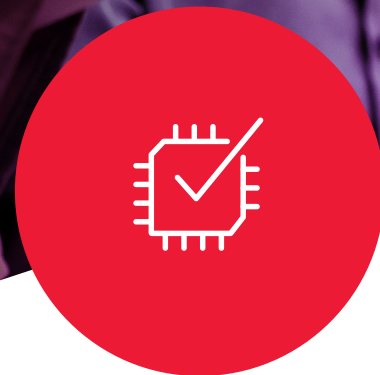
24/25

top technology
companies



14/15

top mobile operators



25/25

top semiconductor
companies



22/25

top aerospace and
defense contractors

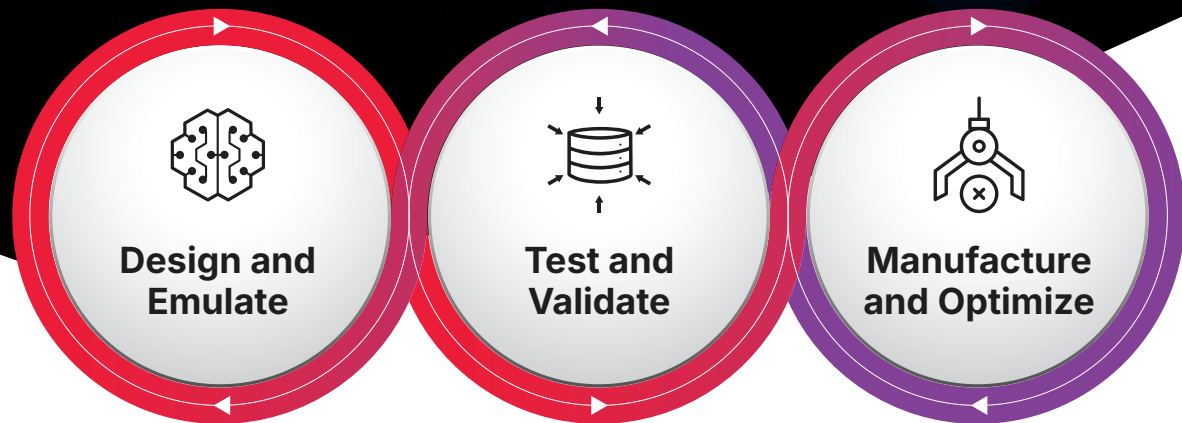


10/10

top engineering
universities



We're with You Every Step of Your Journey



Develop and deploy faster, with less risk, throughout the product life cycle

Key products and services



▶ **Product design and test software**
Design, emulate, and test, leveraging the power of AI and digital twins.



▶ **Test and measurement equipment**
High-performance test and measurement equipment, such as oscilloscopes, signal analyzers, and signal generators.



▶ **Network performance solutions**
Network visibility, emulation, and test solutions.



▶ **Test systems**
Specific solutions for industries including communications, automotive, semiconductors, aerospace and defense, and others.



▶ **Professional services**
Equipment calibration and repair, technical support, education, consulting, and other services.

[View all products and services](#)



Service is Your Strategic Advantage

Service where and when you need it

1.5K

service and technical experts

60+

service sites in 30 countries

16

ISO 17025 accreditation bodies¹

Innovate boldly with services across the life cycle

When you're pushing the limits to shorten product life cycles and accelerate innovation, you require a strategic approach to the service experience. Amplify your in-house expertise and empower your engineers with Keysight's industry-leading portfolio of strategic services.



Experience elevated service as a KeysightCare subscriber to get committed turnaround times for repair and calibration. Our support portal is AI-powered and gives you access to thousands of technical articles, which are constantly refreshed and updated.

Calibration

For better test results, ensure your instruments are in tolerance and making accurate measurements.

Repair

Restore equipment to original functionality and specifications with trained technicians.

KeysightAccess

Avoid upfront costs through low monthly payments without compromising the solution you need. With KeysightAccess, you can manage your test business strategy with flexible budgeting using your OpEx.

Education

Speed your development with eLearning and in-house instructor-led training.

Managed and Optimization Services

Keep pace with emerging technology and maximize test asset value across the life cycle including on-site services.

¹ Such as ANAB, CNAS, JCSS, KOLA, and UKAS, and regional standards like Z540.3. View the full list at [keysight.com/find/accreditation](https://www.keysight.com/find/accreditation)

**Accelerating
Your Innovation
Through
Collaboration**

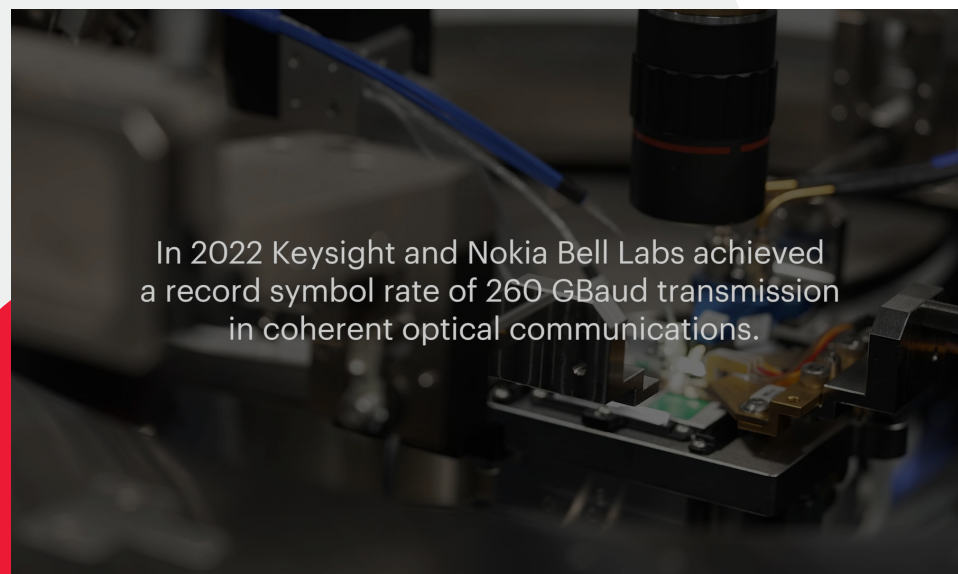


A New World Record for Data Transmission Speed

Set by Keysight and Nokia Bell Labs

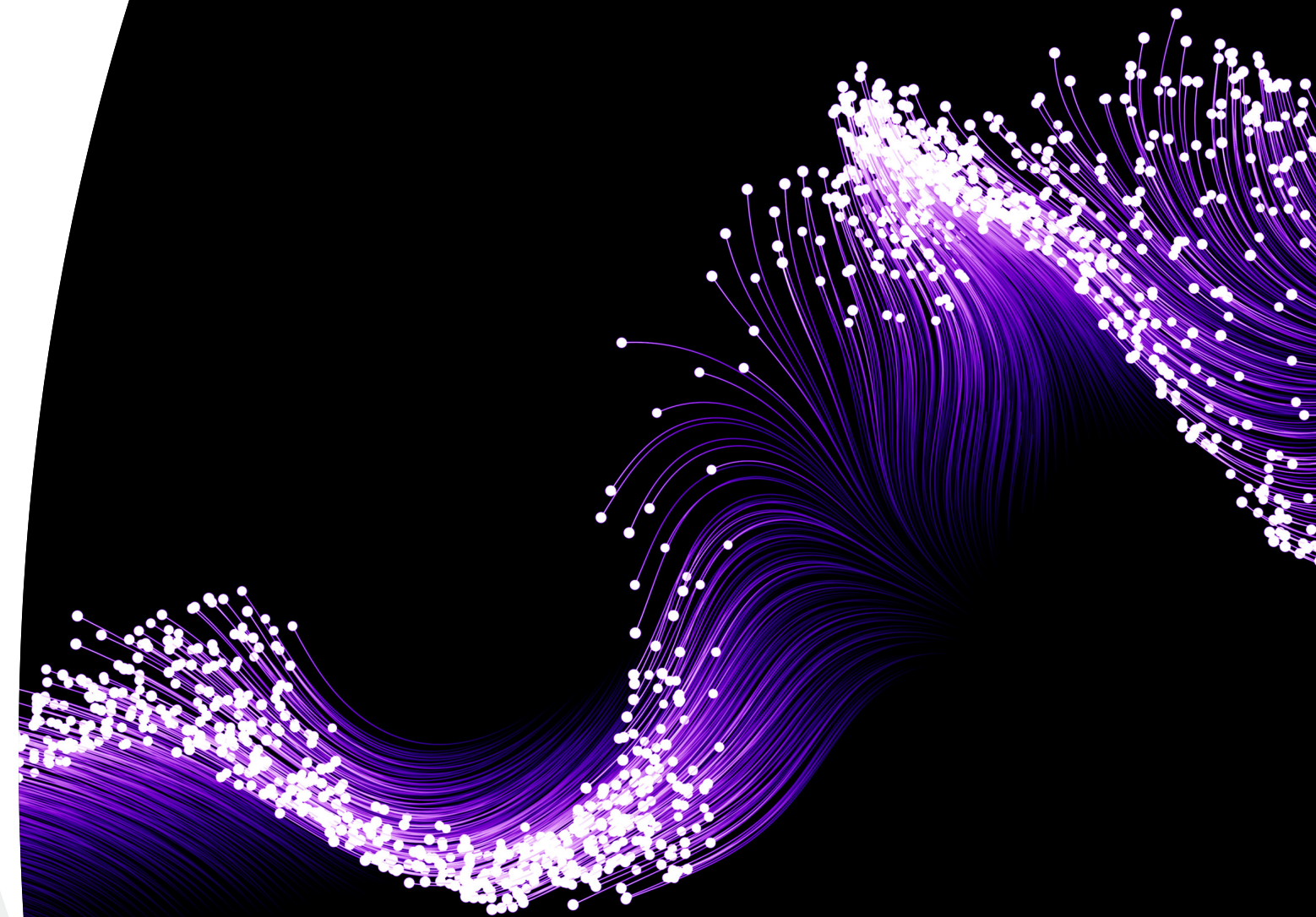
AI, 5G, IoT, and many other applications are demanding more and more bandwidth, year after year, presenting significant challenges. Recently, co-innovators Nokia and Keysight teamed up to push the boundaries of engineering and set a new data transmission speed record, paving the way for faster, better data connection networks to handle the ever-increasing amount of traffic on networks. The formal test results were presented at the European Conference on Optical Communication (ECOC) 2022 in Basel, Switzerland.

With the help of Keysight's new **256 GSa/s arbitrary waveform generator (AWG) (M8199B)**, R&D teams can create and test transmission systems that operate with symbol rates up to 260 GBaud and achieve net bit rates greater than 2 Tbit/s in coherent optical communications.



In 2022 Keysight and Nokia Bell Labs achieved a record symbol rate of 260 GBaud transmission in coherent optical communications.

[Watch the video](#)





Setting the Standards for AI in 5G and 6G

Keysight and University of Malaga advance AI models and measurement best practices

As the industry advances towards 6G, artificial intelligence (AI) tools are reaching a level of maturity where they can be used to solve difficult optimization in wireless communications systems. Traditional methods of calculating the channel state information (CSI) are viewed as among the best early use cases for AI in a wireless system.

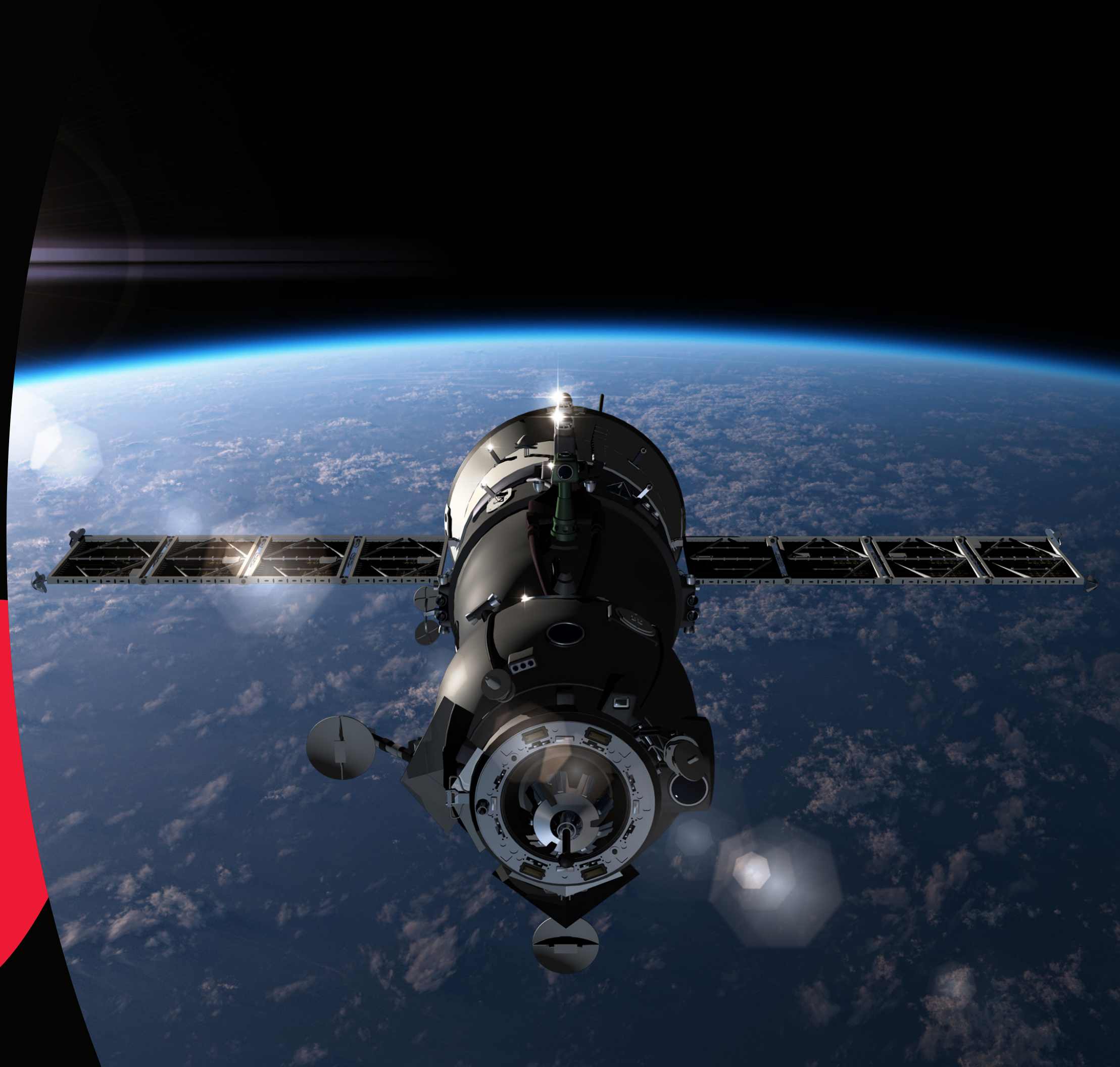
Wireless researchers at the University of Malaga (UMA) developed an AI model for CSI feedback enhancement and needed to validate that their ML model performed better than traditional digital signal processing (DSP) for CSI feedback. They turned to Keysight to emulate the performance of their model in real-world conditions.

Building an interface layer that connected to Keysight's PathWave System Design (SystemVue) modeling tool, UMA researchers were able to prove their AI model outperforms traditional approaches. Following this validation of the AI models, UMA and Keysight presented the models and the associated measurement best practices to the 3GPP as part of Release 18, the first 3GPP release studying AI/ML enhancements for the air interface. This ongoing partnership is continuing its work, with plans to make more contributions in the future. They intend to extend these findings to even more Keysight tools to enable wireless researchers everywhere.

[Watch the video](#)

Empowering You to Deliver What's Next

in evolving and emerging
industries



Confidently Connect the World

Today's end users of communications expect faster, more responsive, and more reliable connections. To meet this demand, the industry is accelerating innovation. New developments in both wired and wireless connectivity such as 5G, Wi-Fi 6, Massive MIMO, non-terrestrial networks, and ORAN are in full deployment. With these new capabilities comes new complexity.

Designing and testing distinct components gives you only a partial picture. To ensure an optimal user experience in all conditions, start with Keysight's communications solutions. Only Keysight has the end-to-end design, emulation, and test solutions paired with deep expertise to help you solve the most complicated communications challenges.

While Keysight is recognized as the #1 provider of design-to-test solutions for wireless communications today, we're setting our sights on 6G. Today Keysight works side-by-side with global industry partners to help define standards, create the infrastructure, and design and deploy the devices that will deliver the expanded capacities and lower latencies of 6G via terrestrial and non-terrestrial networks.



▶ PathWave System Design (SystemVue)



▶ End-to-End MIMO Test Solutions



▶ Network and Channel Emulators



▶ Over-The-Air (OTA) Test Chambers



▶ Keysight Open RAN Architect Solutions



Innovation in 5G technology is only possible when working side-by-side with partners like Keysight. Samsung has been at the forefront of 5G modem technology and with Keysight's emulators and test platforms, we are able to quickly develop and evaluate 5G NTN connections using our Exynos Modem development platform."

—Huiwon Je, Vice President of the Modem Development Team at Samsung Electronics

14/15

top mobile operators
rely on Keysight

5/5

top cloud companies
rely on Keysight

Go Farther, Safer...Sooner

A car is no longer just a car. An electronic or autonomous vehicle (EV / AV) is a supercomputer on wheels, running 100 million lines of code that drive a complex, interconnected constellation of sensors, actuators, ECUs, and accompanying software. It is all part of the automotive industry's reinvention as a nexus of high-technology innovation. Achieving widespread adoption means creating safe batteries with longer battery life, ubiquitous, reliable charging options, widespread connectivity and entertainment options, enhanced safety and cybersecurity, and affordability. Winning the trust of the consumer, is paramount to your success.

How do you ensure all that technology integrates properly and runs smoothly and safely? By designing, testing, and validating all your systems before they hit the highway. Developed in collaboration with the leaders of the EV and AV revolution, Keysight's solutions bring the road to the lab to empower you to design, simulate, and validate every part of your EV or AV system, including:

- batteries and charging systems
- advanced driver assistance systems (ADAS)
- sensors and security components
- connectivity and entertainment systems

Your partner from the grid to the road

Keysight's holistic design-to-test solutions serve innovators across the automotive development ecosystem. Let us help you accelerate development cycles, ensure interoperability, validate performance, reduce risk, and achieve your next breakthroughs faster.



AV / ADAS functions are becoming more intertwined with each other, which makes it important for us to explore the means of simulating the sensor for use on the testing bench and making decisions as early as possible."

—Marc Pajon, Expert Leader of Testing and Measurement Technologies at Groupe Renault

Selected solutions for automotive



▶ EV Charging Simulation and Test Systems



▶ Radar Scene Emulator and Lidar Target Emulators



▶ C-V2X Test Solution



▶ Automotive Network Test



▶ Grid Emulators



▶ Power Electronics Testers

Industry recognition



10/10

top automotive companies rely on Keysight

Validation Before Launch. Confidence in Orbit.

Yes, the Aerospace and Defense (A&D) industry *is* rocket science. It is the industry that brings to life innovations that later become commonplace commercial applications. The internet, wireless communications, satellites, space, navigation, and electrification all evolved from A&D. Whether you are a defense contractor striving for electromagnetic spectrum superiority or a space industry contender opening up the potential of extraterrestrial exploration, you are building systems of tremendous complexity and importance that must deliver mission-critical levels of reliability and safety.

Exploring new possibilities in the air, in space, and on Earth requires a combination of imagination and deep industry knowledge. Keysight is unique in offering both the design tools for building models and the test instrumentation to validate the performance of those models, enabling continuous performance optimization and ensuring operational readiness.

Our unparalleled fusion of domain knowledge, design, emulation and test expertise, dedicated service, and tailored EMSO, SATCOM, and 5G solutions ensure that you manage complexity, reduce risk, and accelerate the workflow from system design through sustainment. To win contracts and government programs and seize market advantage in the race to space and defense, start with Keysight.

Selected solutions for aerospace and defense



▶ Network Modeling Software



▶ UXG Agile Signal Generator



▶ FieldFox Handheld RF and Microwave Analyzers



▶ PROPSIM Channel Emulation



▶ Solar Array Power Simulators

“ Keysight has been a critical enabler of our 5G.MIL program. Among other things, we utilize Keysight’s NTN protocol solutions to enable our cross-functional teams to collaborate, design, and prototype our next-generation communication technologies and products.”

— Daniel Rice, VP of 5G.MIL Program, Lockheed Martin

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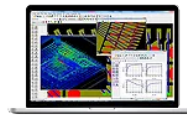
top aerospace and defense contractors rely on Keysight

Design Better Performing Chips, Faster

The critical role of semiconductors continues to expand, creating historically short design cycles for bringing new chipsets to market. Chipsets are exponentially more complicated, packing in more functions and requiring more parameters for testing.

Keysight empowers the semiconductor industry with a variety of semiconductor device modeling and characterization EDA software solutions. The Keysight end-to-end solutions for designing, emulating, and testing today's sophisticated chipsets ensure you create breakthroughs with less risk. Once your product is designed, Keysight helps you overcome test challenges in R&D and production to reduce your cost of test across the design and development environment.

Selected solutions for semiconductor design and manufacturing



▶ **PathWave Device Modeling and Characterization Software**



▶ **Semiconductor Analyzers**



▶ **Photonics Wafer Test System**



▶ **Parametric Test Systems**



“

We are delighted to have Keysight join the Intel Foundry Services (IFS) EDA Alliance, enabling a range of RF simulation, design, and test capabilities from which IFS customers will benefit.”

— Rahul Goyal, VP of Product and Design Ecosystem Enablement at Intel

25/25

top semiconductor companies rely on Keysight

Intelligent Solutions for Smarter Factories

Global manufacturing has evolved rapidly from human-directed manufacturing using computerized assembly lines to automated smart factories that operate more efficiently using real-time data. To deliver on its promise, this "fourth industrial revolution" — more commonly known as Industry 4.0 — draws on an expanding toolkit of technologies including automation and robotics, 5G connectivity, AI, digital twins, augmented reality (AR), digital fabrication (3D printing) and IoT — all driven by cloud-based big data analytics.

Industry 4.0 comprises a complex, interconnected ecosystem that depends on reliable connectivity, interoperability, high performance, and user security. Keysight's design, emulation, and test solutions for Industry 4.0 help innovators accelerate development and ensure compliance, and cybersecurity from concept to implementation.

Selected solutions for manufacturing /Industry 4.0



▶ In-Circuit Test (ICT) System



▶ PathWave Manufacturing Analytics



▶ Tough Taps



▶ UXM 5G Wireless Test Platform



▶ Network Packet Brokers



Ericsson is working with Keysight Technologies to nurture the ecosystem and ensure seamless and secure Industry 4.0 deployments. We are pleased to see the growth of consultative practices that focus on the connectivity that underpins digitalization for Industry 4.0."

—Thomas Noren, Head of Dedicated Networks at Ericsson

Secure and Future-Proof Your Network

Digital transformation is driving big changes in your network. Cloud, edge, and SD-WAN services have grown exponentially, while IoT and our reliance on connected devices permeates every facet of our lives. Agile development now replaces outdated software development life cycle methodologies. With the move to virtualization, it has never been more challenging to build, secure, and manage your networks. You need a source of truth before, during, and after deployment.

With a complete portfolio of test, visibility, and security solutions, Keysight enables you to future-proof your network sooner in the development cycle.

Selected solutions for information technology



▶ **BreakingPoint Network Security Test Platform**



▶ **Application and Security Test Platform**



▶ **CyPerf Cloud Monitoring**



▶ **Hawkeye Software Suite**



Keysight's groundbreaking 8x400GE APS-M8400 cybersecurity test platform delivers the port density, multi-terabit application and TLS throughput rates, and session scalability that help Fortinet test and validate the performance and real-time threat protection our customers expect."

— John Maddison, Executive Vice President of Products and Chief Marketing Officer at Fortinet

Financial and Capital Market Solutions You Can Bank On

Today, financial institutions and capital markets expect their networks to please users while driving positive business outcomes — and while protecting key financial data. Delivering on these concurrent expectations is no easy feat. Your testing teams are under pressure from shortening time windows and a technology environment that is growing more complex and interconnected by the moment.

How can you keep up? To optimize trading and banking networks while protecting financial data, start with Keysight.

Keysight offers a host of time-proven software and hardware solutions for fintech development. Leveraging AI and ML, Keysight solutions keep your networks and your applications securely performing without fail.

Selected solutions for finance and capital markets



▶ Test Automation Software



▶ Timekeeper Software-Driven Clock Synchronization



▶ Network Taps



▶ TradeVision Market Feed Monitoring and Tap Aggregation



▶ BreakingPoint Application and Network Security Testing



▶ Cyber Range Simulation



Keysight Eggplant has been instrumental in our 'shift left' automation strategy since 2018 through end-to-end mainframe testing."

—Prithviraj Kumar Chintadripet
Nandagopal, Digital Assurance and
Productivity Domain Lead, Bank of England

500+

finance and capital customers rely on Keysight

4/5

credit card companies rely on Keysight

10

top global exchanges rely on Keysight





No Room for Error. And No Time to Waste.

The transformation of healthcare is among the most radical of any industry. As the need for less expensive and more accessible healthcare grows, engineers are creating new applications for remote monitoring, diagnosis, and treatment. While they add new levels of convenience and capabilities, these healthcare IoT devices themselves are complex to develop and produce. In addition, the market is highly scrutinized and regulated by the Federal Drug Administration, European Medicines Agency, and other governing bodies.

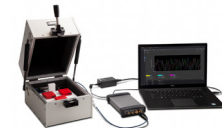
When you design, develop, validate, and manufacture digital healthcare, it is critical to validate connections between a multitude of wireless devices, guard against cybersecurity threats, make devices easy for non-specialists to use — all while getting your innovation to market quickly and cost effectively.

Keysight's accurate and proven solutions help you solve your design and test challenges across the entire connected medical device product life cycle. Rely on Keysight to gain accurate insights earlier and bring your vision to life sooner.

Selected solutions for digital healthcare



▶ PathWave Advanced Design System (ADS) Software



▶ IoT Wireless Test



▶ Regulatory Test



▶ Test Automation Software



Partnering with Keysight (for test automation software) significantly contributed to reformation of the way we work by drastically reducing man-hours. In addition, we enhanced product quality by strengthening test coverage and shortened lead time by executing automated tests during the night and holidays."

— Wataru Sasaki, Deputy Department Manager of the Software Development Department at FUJIFILM Software Co.

[View case study](#)

Be Fast in 800G. Be First in 1.6T.

Emerging technologies such as AI, virtual reality, and autonomous vehicles generate massive amounts of data, creating unprecedented bandwidth demand in data center networks. While 400G transceivers roll out in data centers, 800G and 1.6T research is already underway.

You need test solutions that will evolve with you every step of the way, including 400G implementation, 800G and 1.6T pathfinding, and device validation and conformance testing. Keysight can help you make 800G and 1.6T data center speeds a reality.

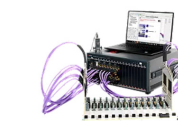
We offer the widest array of data center test solutions across all network layers, from physical Layer 1 test to full network test of Layers 2-7 including software-defined networking (SDN)/ network functions virtualization (NFV) validation, and traffic loading.

1.6T is the future of Ethernet. Are you ready?

Selected solutions for data center infrastructure



▶ PathWave Advanced Design System (ADS) Software



▶ Digital Interconnect Test System



▶ Bit Error Ratio Testers



▶ Optical Transceiver Test



▶ L2-3 Network Infrastructure Performance



▶ DCA Equivalent-Time Sampling Oscilloscopes



Keysight was instrumental in providing the equipment for Intel to validate its first-to-market 224 Gbps-PAM4-LR transceiver technology."

— Dr. Peng Mike Li, Intel

When Precision and Accuracy Are Instrumental to Your Success

Gone are the days of simple design. Every year, you push new limits: longer battery life, smaller components, higher levels of integration. With complex design comes new challenges. Designers spend hours setting up and running simulations. Mountains of data wait to be measured and analyzed.

Whatever your use case, whatever the size of your organization or project — if you need to design, emulate, measure, and test your next engineering breakthrough, Keysight's market-leading solutions help you innovate faster and with more confidence.

From EDA software to oscilloscopes to handheld field instruments, only Keysight delivers the industry's widest ecosystem of software and hardware to solve your most sophisticated design-to-test challenges.

Selected solutions for electronics development



▶ Oscilloscopes



▶ EDA Software Suite



▶ Spectrum Analyzers (Signal Analyzers)



▶ Digital Multimeters (DMM)



▶ DC Power Supplies



▶ PathWave BenchVue Software



Keysight helped us select and install the 10-port PXI VNA into our test setup, which reduced our overall test time by 80%. As a result, we were able to meet our customer's timeline with time to spare."

— Ted Heil, President of Mini-Circuits



Speed Releases of Better Performing Applications

As the building and deployment of applications accelerates, assuring quality becomes increasingly complex and challenging. Today, automation of testing solves this problem by optimizing resources for quicker releases of higher-quality software applications. Keysight Eggplant software delivers a fast, powerful suite of AI-powered tools that expand automation across all aspects of the software development life cycle, including software test, website performance monitoring, and load and performance testing.

Test user experience (UX) across all platforms and devices, model complex systems and workflows, and reduce manual quality assurance tasks and errors. Perform consistent, reliable website performance monitoring to increase conversions and insights. Gain confidence with testing that lets you experience what your customers experience, on any platform.

With real-time analytics to measure your software's UX impact at scale across the widest range of technologies, you will accelerate development and reduce risk, with less effort.

Selected solutions for software test automation



▶ Eggplant Test



▶ Eggplant Performance



The newly joint vision of Keysight and Eggplant will become the platform for enterprise-wide automation, test, and assurance of digital systems and products."

—The Forrester Wave™: Continuous Automation Testing Platforms, Q4 2022, by Diego Lo Giudice, President and Principal Analyst

Transform the Buying Experience for Your Customers

Digital technologies are changing how we shop, where we shop, how we purchase, and how orders are fulfilled. Back-office systems such as inventory order management are also transforming. Today's leading retailers are under tremendous pressure to maintain seamless, omnichannel customer journeys. From point-of-sale (POS) systems to kiosks, pickup lockers, personal mobile devices, and beyond, testing all the touchpoints and applications across those experiences is exponentially complex.

Keysight Eggplant test automation software greatly simplifies and accelerates testing and validation end-to-end, across every touchpoint in retail applications. Unlike other test products that rely solely on source code or web elements testing, Eggplant is a single solution that can test any application or interaction at the interface level like an actual user or consumer. It is just as adept at using robotics to test point-of-sale systems, such as chip and pin magnetic swiping or contactless payment, as it is testing e-commerce shopping sites or back-office applications.

With Keysight intelligent test automation of in-store devices and e-commerce websites, retailers can accelerate release cycles across all touchpoints — browsers, systems, and devices — to deliver a smooth, flawless shopping experience.

Selected solutions for retail



▶ **Test Automation Software**



▶ **Monitoring**



▶ **Performance**



▶ **Network Packet Brokers**



▶ **Threat Simulator**



Our customers benefit from an improved experience. Keysight's Eggplant (test automation software) is core to the capability; we are excited by the use of AI to optimize execution paths."

— Mike Friedel, Retail Customer Solutions, Albertsons



Prepare Industry-Ready Graduates and Encourage Lifelong Learners

Before they are innovators, engineers are learners. Keysight drives excellence in engineering education across the entire life cycle — following the engineer from career aspiration to retirement.

We empower academic educators and students with cutting-edge tools that modernize the lab and classroom and create industry-ready students who stand out above the rest. Keysight e-learning courses help students and working professionals advance their knowledge of precision measurement approaches, the latest industry standards, compliance, power, and more. And our ready-to-teach materials engage and inspire learners with hands-on lab work based on practical measurement scenarios.

Selected solutions for academia and training



▶ **Smart Bench Essentials Test Instruments**



▶ **University Support Programs**



▶ **Digital Learning Suite for Universities**



▶ **University Student Certification Program**

10/10 top engineering universities
rely on Keysight



**Put Our Values
to Work for You**



Learn How You Want to Learn, with Keysight

Technological evolution is an ongoing journey. That is why you never stop learning. As your global partners, we want to ensure your success in every dimension.

We invite you to turn to Keysight Learn, a rich resource where you can find practical answers to your questions, hone your skills, and grow as a professional.

- Expand your expertise with hundreds of courses, topics, boot camps, and learning resources.
- Learn from the experts via live and on-demand webinars.
- Discover what's next at our Keysight World Innovate and Tech Day events.
- Explore use cases.
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Your Success is at the Heart of Everything We Do

All our efforts are guided by one mission: the success of the Keysight community from our customers to our employees to our investors.

We enable and accelerate innovation for **customers**

For our customers, we provide intelligent insights and innovative solutions for tomorrow's toughest challenges.



We help global **employees** develop and thrive

Our employees are our most treasured asset. We empower and support them throughout their careers to achieve their greatest potential. When they succeed, we all prosper.

We attract and reward **shareholders**

By delivering success in today's and tomorrow's transformational technologies, we continue to build our industry leadership and ensure value to our investors.

Keysight Leadership Model (KLM) is our guide

To make all this happen, we provide market insight to anticipate trends, continue to invest in research and development, and deliver first-to-market solutions ahead of market windows. We stand united by a common set of values defined by uncompromising integrity and operational excellence.

What do our customers, employees, and investors share in common? They all choose to start innovation journeys here, at Keysight.

Building a Better Planet Together

At Keysight, we fully realize that the well-being of our world and our communities starts with us. Our comprehensive corporate social responsibility (CSR) program is the company's global business framework for ethical, environmentally sustainable, and socially responsible operations.

Key impact goals: Fiscal year 2025 results

Progress made toward net zero emissions

in company operations by end fiscal year 2040, committed to near-term science-based targets approved by the Science Based Targets initiative

\$319M+

in value committed to strengthening communities

3.5M+

students, future engineers, and technology skill learners engaged through STEM education

Zero

material negative impact to the income statement and institutional investments from CSR topics

[Download our Corporate Social Responsibility Annual Report](#)

Giving Innovators a Head Start

▶ **start here**

Technology is transforming how we live and how we travel, how we learn and how we innovate. It is connecting us faster and transporting us farther, more reliably, more safely, and more sustainably. At Keysight, we give innovators a head start — anticipating evolving standards, automating intelligence, and accelerating the innovations that change lives.

When you're pursuing the next disruptive innovations, start here with Keysight.

[Get started now](#)





Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at www.keysight.com.