

Core Technologies to Accelerate Innovation

Broadcom provides semiconductors and infrastructure software for global organizations' complex, mission-critical needs. We combine long-term R&D investment with superb execution to deliver the best technology, at scale.

>99%
of all internet traffic
crosses through
some type of
Broadcom technology

“It’s important to me that whether we’re inventing the future through innovative R&D or co-creating new solutions with partners, Broadcom’s focus is centered on our customers.”

—Hock Tan
President and CEO, Broadcom

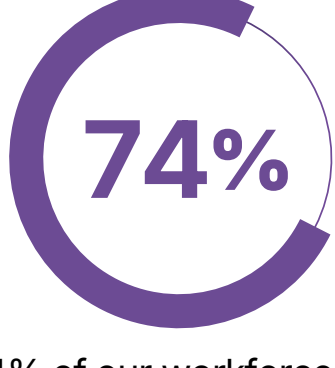
The Discipline to Deliver

Through focus and expertise, Broadcom sets the standard in industries where technology breakthroughs shape markets.

- Enables powerful and efficient AI data centers
- Enables companies to use generative AI in a platform that focuses on privacy, security and compliance
- Powers smartphones, broadband access, data center networking and industrial automation
- Enables smartphone communication, Internet access and GPS navigation
- Delivers ultra-fast broadband connectivity to homes and devices, and powers home and office wireless networks
- Enables factory automation, renewable energy and automotive electronics
- Enables and secures service providers, data centers and the cloud to move and store data for everyday applications such as email, social media and banking
- Connects multiple devices across cable modems, set-top boxes, Wi-Fi routers and digital subscriber line (DSL) gateways to connect to the Internet, securely
- Protects people, data, devices and applications from cyber threats, wherever they are
- Aligns teams and provides the data transparency and capabilities needed to optimize efficiency, reduce waste, and foster trust between stakeholders
- Integrates public cloud scale and agility with private cloud security and performance to modernize, optimize and protect businesses everywhere
- Delivers a unified software stack from the software-defined data center, across all clouds, and out to the edge, making global enterprises more connected, resilient and secure

Commitment to R&D

Our engineering-first approach and sustained R&D investments allow us to build the best technology for complex needs.



74% of our workforce dedicated to R&D and operations in 2025

\$11B \$11B invested in R&D in FY25

19K Approximately 19,000 patents in FY25

24 24 category-leading semiconductor & infrastructure software divisions

Enabling Innovation

We deliver technology that drives customer breakthroughs. Below are just a few examples of our industry firsts:

2020s

- Pioneered Adaptive Protection to maximize endpoint security
- Shipped Tomahawk 6, the first 102.4 Terabits/sec switch, built to power the next generation of scale-up and scale-out AI networks
- Unveiled industry’s highest-performance fabric for AI networks
- Delivered industry’s first 51.2-Tbps Co-Packaged Optics Ethernet Switch Platform for scalable AI systems

2010s

- Shipped high-performance touch screen interface technology for smartphones and portable electronic communications devices
- Introduced the first Full-Band Capture all-digital TV tuner enabling design efficiency and scalable bandwidth to the satellite TV market
- Virtualized the entire data center, giving all the benefits of public cloud on-premises
- Introduced Software-Defined Data Center architecture—infrastructure that makes businesses more flexible, agile and responsive to customers

2000s

- First patent awarded for data center virtualization
- Launched the first Wi-Fi, Bluetooth and FM combo chip for mobile phones

1990s

- Introduced optical mouse sensor to help eliminate the need for mousepads; enabled the creation of a more precise and longer-lasting computer mouse
- Created the first single-chip DOCSIS cable modem to allow cable TV operators to provide Internet access

1970s

- Introduced the first fiber optic transmitters and receivers for data communications

1960s

- Introduced the first commercially available light-emitting diode (LED) dot matrix displays

Broadcom is a trusted partner to the largest global companies across 6 major industries



Financial Services



Telecommunications



Government



Automotive



Healthcare



Utilities

Recognized for Industry Leadership



As a leader at the forefront of infrastructure technology, we strive to manage our business in a sustainable manner.

301 In 2024, we recycled 301 short tons (602,000 lbs.) of e-waste from our facilities globally

36% 36% of total electricity consumption was from renewable energy sources in 2024

Broadcom engineers continue to focus on **increased energy efficiency**, from helping optimize mobile phone battery life to increasing power savings in data centers.

Learn more at broadcom.com