Global network infrastructure

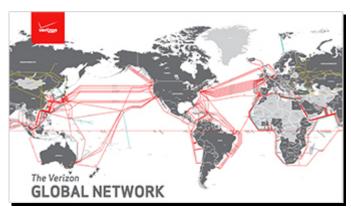## Seize new opportunities for your business, around the world and around the clock.

To take advantage of new opportunities, your business needs to move faster than the competition. How quickly can you get new applications out to customers? How easily can your employees access the tools they need to be productive? Is your business prepared to innovate as market demands shift? To address these challenges you need a strong global network infrastructure that can adapt flexibly to change and support your business, wherever it takes you. Get the foundation you need to compete with Verizon's Global Network.

Connected, to take your business global.

An IT initiative is only as strong as the network it runs on. And when it comes to networks, we have one of the most reliable and secure in the world. Connect your systems, machines, information, ideas and people across the globe. Accelerate business growth, enable innovation and transform the way you work. Our global, IP-based network gives you the foundation to support your business, wherever it takes you. Go global with:

- State-of-the-art fiber optic network with speeds up to 100 Gigabits per second.
- Over 800,000 network route miles reaching more than 2,700 cities in more than 150 countries.
- Multi-protocol label switching on our OC-768 IP backbone networks to help improve traffic engineering and management.
- Undersea cable mesh technology to provide diverse paths for voice and data traffic reliability.
- Industry-leading service level agreements for managed network customers.
- IMPACT Rapid Fault Isolation and Restoration to help mitigate downtime and provide time-to-repair SLAs.

We've given thousands of businesses and government agencies a global footprint to connect, communicate and collaborate across the world.

View our network map

Rethink your network and harness the power of cloud computing.

Advances in cloud computing change the way your business operates and innovates—enabling you to build, deploy and scale applications faster than ever before. But if your network infrastructure isn't up to the task, even the strongest cloud strategy falls short. To harness the power of cloud computing, your network must do more than provide reliable, high-performance connectivity. It must be designed to support your application and security needs, with flexibility to adapt as your business grows. Build your cloud on solid ground with our dynamic network infrastructure. Verizon Cloud brings together a comprehensive cloud computing platform with our leading network and secure data centers across the globe. You get:

- A responsive and flexible network that maintains performance when traffic spikes.
- Diverse connectivity options, including our Public and Private IP networks and direct access to leading telecom carriers.
- Ability to integrate your existing network into our infrastructure.
- Global data center locations to keep your applications and data close to your business and customers.
- Cloud-enabled facilities engineered for performance, uptime and efficiency.
- Support for security and privacy standards, along with built-in disaster recovery services.

Innovations to meet your IT needs, now and in the future.

Enterprises today must be more innovative, more flexible and more responsive to succeed. Meet this need with a network infrastructure that supports your business goals now—and adapts to support changing dynamics in the future. At Verizon, delivering a better network is the foundation of everything we do. That's why we continuously evolve our technology to keep you ahead of the market. See how we've led network innovation:

100G ultra-long-haul system.
In 2011, we added the industry's first 100G Ethernet link to our IP backbone for part of our European long-haul network. We're also adding 100G technology to our major U.S. backbone network routes. Adding 100G speeds to these routes gives customers the high bandwidth they need to run even the most data-intensive applications.

Trans-Pacific Express optical cable network system.
We helped design and engineer the Trans-Pacific Express (TPE) optical cable network, an optical cable network system that directly links the U.S. to China, Korea, Taiwan and Japan. A direct connection to these countries delivers great capacity at high speeds to meet the increased demand for IP, data and voice communications. In the case of a major event, like a typhoon, earthquake or anything else that can disrupt primary service, we can reroute Pacific network traffic to bypass damaged cables.

South East Asia—Middle East—Western Europe 4 undersea cable system.
We're the only U.S. consortium member of the South East Asia—Middle East—Western Europe 4 (SEA-ME-WE-4) undersea cable network system that reaches 14 countries in these regions. The system continues to be upgraded regularly to take advantage of the latest technology to increase capacity and access options. This gives our customers additional capacity, high performance and increased scalability.