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ROLL NO: 721



Verizon is one of the largest communication technology companies in the world.

- Verizon Communications Inc. was formed on June 30, 2000 and is celebrating its 20th year as one of the world's leading providers of technology, communications, information and entertainment products and services.
- Headquartered in New York City and with a presence around the world, Verizon generated revenues of \$131.9 billion in 2019. The company offers voice, data and video services and solutions on its award winning networks and platforms, delivering on customers' demand for mobility, reliable network connectivity, security and control.

\$131.9B

Annual revenue

in 2019 revenues

133.2K

Employees

in 150 global locations

20

Fortune rank

as of 2019

VZ

NYSE & Nasdaq

Stock Symbol

Who we are?

- We're problem-solvers, engineers, technologists, innovators and thought-leaders.

Who did Verizon build their network for?

- People. Every hole dug, every wire spliced, every tower raised, it was for people who wanted to connect to other people, businesses and the world around them. And when you know people are depending on you for those connections, *you do whatever it takes.*



**We don't wait
for the future.
We build it.**

What we do?

- Verizon is transforming how people business and technologies interact, setting the stage for new industrial revolution

Connecting people and things



5G network

The future is 5G, one of the fastest, most robust technologies the world has ever seen.



4G LTE

The most celebrated and reliable network in America is also the on-ramp to the next-level of connectivity.

Connecting Business and Industry

- Verizon has one of the largest global IP networks, offering unprecedented insight into security threats
- Our Public Sector snapshot of the Verizon Data Breach Investigations Report highlights who's attacking, how, what they're after and what you can do to protect your organization and the people it serves.
- At Verizon, our goal is to help improve the quality of life for people living in cities around the world and increase the ways and efficiency in which cities operate. It's not just about smart technology, connectivity or applications; it starts with a focus on the people and their basic wants and needs.



Verizon's Executive Leadership

Hans Vestberg

Chairman and Chief Executive Officer

- Hans Vestberg is chairman and chief executive officer of Verizon Communications, a leading provider of wireless, fiber-optic and global Internet networks and services.



FEATURES OF VERIZON CLOUD

Access from anywhere

- Forget a file? No problem. You'll get secure access to all your data, on all your devices, from anywhere in the world you have an Internet connection.

Improve collaboration

- Your teams can access, edit and shared documents, from anywhere, they're able to do more together and do it **better**. **Cloud**-based workflow and file sharing apps help them make updates in real time and gives them full visibility of their **collaborations**.

Automatic backups

- Helps protect you from system crashes, viruses and physical damage, Verizon Cloud automatically backs up all of your critical data.

Security and encryption

- Password protection and data encryption, including SSL security, ensures your data stays private.

**PRODUCTS RELATED TO
VERIZON CLOUD**

Mobile phones and devices

Apple iPhone SE (2020)

Besides being the most powerful 4.7-inch iPhone® ever, the iPhone SE is water and dust resistant—so you can work in the real world with less worry.

Apple iPhone 12

Superfast 5G. A14 Bionic, the fastest chip in a smartphone. New dual camera system for high-quality video conferencing and amazing photos and videos for business.

Samsung Galaxy Note20 5G

Introducing the Samsung Galaxy® Note20 5G. Built for maximum productivity and performance, this is your get-it-done companion.

Internet and TV

Fios Business Internet

Upgrade your business to the network reliability and speed of Verizon's 100% fiber-optic network.

Internet Dedicated Services

Your business can enjoy reliable connections via our high-speed, dedicated internet access with enterprise-class service level agreements.

Fios TV for Business

Choose from Fios TV plans designed for private offices, restaurants, retail stores and more.

Internet of Things

Grid Wide: Intelligent Energy

Put smart grid technologies to work in modernizing aging infrastructures, increasing efficiency and controlling costs.

Critical Asset Tracking

Drive improvements in how you track valuable assets and collect data in near real time.

Condition Based Maintenance

Keep machinery moving with proactive maintenance.

Connected Smart Cities and Communities

Help your community stay smart, connected and safe.

ThingSpace platform for IoT

Access all the tools you need to develop and manage the life cycle of your IoT devices.

IoT Security Credentialing

Protect your business with an "over-the-top" layer of security.

Networks

Private IP

Access scalable connectivity, backed by secure network technologies.

Internet Dedicated Services

Share information quickly and easily with reliable, flexible connectivity.

Managed SD WAN

Spin up virtual WAN services and make network adjustments on the fly.

Virtual Network Services

Boost your business agility with the fast, on-demand delivery speed of virtual networks.

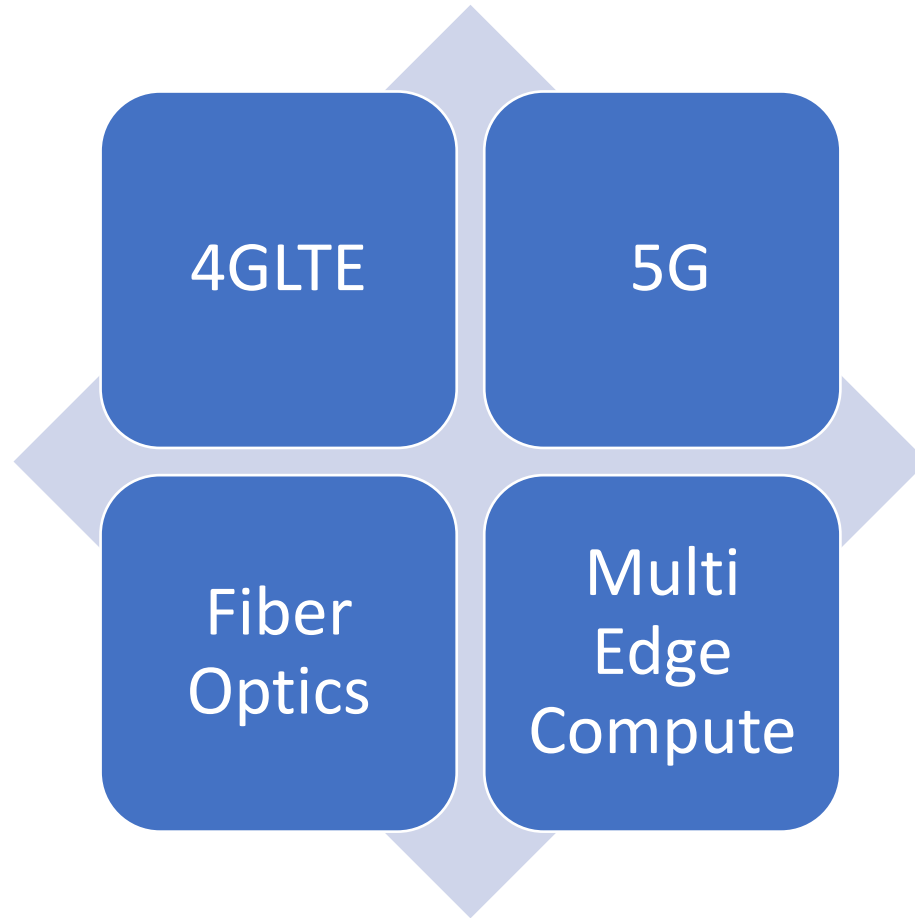
Managed Network Services

Manage your business, not your network, with our cost-effective alternative to in-house network monitoring and management.

CPE solutions

Let our experience successfully guide your customer premises equipment (CPE) projects from start to finish.

NETWORK TECHNOLOGIES OF VERIZON CLOUD



4GLTE

With 4G LTE technology, businesses can address mobile workers' requirements for fast, reliable access to in-office business applications and services—including video conferencing, powerful wireless applications and direct access to files and customer-specific applications



A blue rounded rectangle with the text "5G" in white, centered inside. Below the rectangle is a faint, light blue reflection.

5G

- 24 million customers throughout Central Texas, Tulsa, OK, Upstate New York, and the New England area now have access to Verizon's 5G Nationwide service for no added cost, bringing the total customers with access to the most advanced nationwide service to more than 230 million in over 2,700 cities.

A black rectangular box containing the text "5G edge" in white. A red checkmark is positioned above the "G" in "5G".

5G[✓]
edge

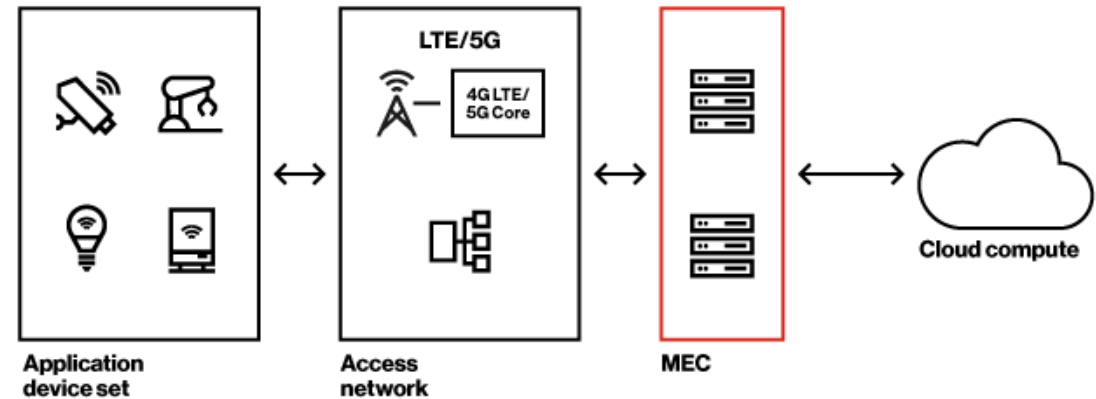
FIBER OPTICS

- Verizon was one of the first major U.S. carriers to offer fiber to the home services. This technology offered customers unprecedented internet speeds and superior TV quality when it rolled out in 2005 as Verizon Fios (Fiber Optic Service).
- Currently, Fios by Verizon, is a bundled Internet access, telephone, and television service that operates in nine U.S. states.



MULTI EDGE COMPUTE

- **MEC computing** refers to **computing** at the edge of a network. The edge is similar to a distributed **cloud** with proximity close to the end user that delivers ultra-low latency, reliability, and scalability.



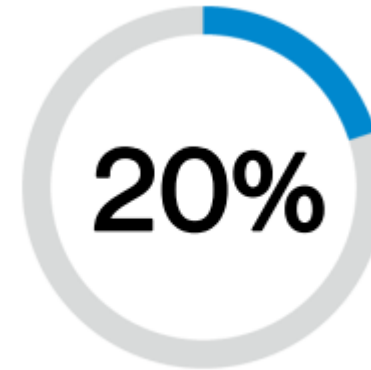
SERVICES AND SOLUTIONS

- Home Services
- Mobile Plans
- Small and Medium Business
- Verizon Connect
- Public Sector
- Partner Solutions

Projected outlook for 5G by 2023

1 billion

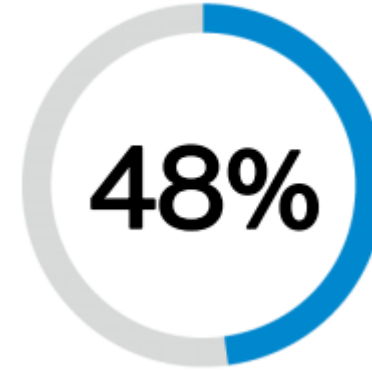
Over 1 billion 5G subscriptions for enhanced mobile broadband (eMBB)



More than 20% of the world's population covered by 5G



Mobile traffic via 5G networks



5G share of mobile subscriptions in North America

Plans

From wireless options for your mobile workforce to conferencing and collaboration plans to blazing-fast fiber-optic speeds for the office, we offer a variety of plans so you can easily find what's right for your business's needs.



Business internet plans

Whether you're constantly on the move or have a complex multisite business, a fast and secure internet connection is essential to staying competitive.

Fios Internet

Best for high-speed requirements

- Blazing-fast speeds with gigabit connection (up to 940 Mbps upload and 880 Mbps download in select areas)
- Highly reliable, 100% fiber-optic network

LTE Business Internet

Best for flexible connectivity

- Business-grade wireless internet connectivity virtually anytime, anyplace in the U.S.
- Combine a high-quality wireless router with Verizon's award-winning 4G LTE wireless network and an unlimited data plan
- Quick and easy setup

Internet Dedicated

Best for businesses that run demanding applications

- Ultrafast full-duplex connections to deliver scalable internet connectivity
- Integrated access devices
- 24/7 monitoring and reporting and strong service level agreements
- Burstable and tiered pricing options

Security plans

The same robust security solutions trusted by some of the biggest businesses and governments around the world are also available for small and medium-sized businesses.

**Starting from
\$1/device/mo**

Verizon mobile device management

Best for businesses with company-managed mobile devices

- Unified endpoint management and broadband hotspot management in a single management portal
- Easy device management and app deployment
- Cost-effective security solution

Business Internet Secure

Best for small businesses that don't have in-house IT security resources

- Antivirus software designed to help protect devices from potentially dangerous files
- Internet security to help safeguard your devices by blocking access to malicious websites
- 24/7 security tech support to assist in antivirus software and internet security installation, deployment and management

Business Mobile Secure

Best for single-site locations with fewer than 99 employees

- Mobile device security for one fixed monthly price
- Mobile device management to set controls; monitor security; and enforce, lock, locate and wipe devices remotely
- Mobile threat defense to help guard mobile devices against phishing, unsecure networks, apps and device-based threats
- Dedicated tech support to assist with onboarding, setup and troubleshooting

Security

Key Security Resources

- Security professionals around the world rely on Verizon's annual Data Breach Investigations Report (DBIR) for insights and detailed analysis. The 2020 edition looked at over 32,000 security incidents and 3,950 confirmed data breaches.

Network Security Approach

- We take the security of our networks as seriously as we do their reliability and speed. When we build our networks, we buy components only from trusted, long-time vendors who share our commitment to quality and security. We test the products and software that we put in the network, and we work to get security commitments from all of our vendors, large and small.

Secure the Application

- Mobile device applications are prime targets for cyberattacks. A single device hack could give attackers enough access to disrupt recovery communications. Monitoring and defending applications during a crisis helps maintain communications, visibility, situational awareness and access to critical infrastructure.

Secure Gateway

Combine the secure reach and broad capacity of private networks with the convenience of the public internet.

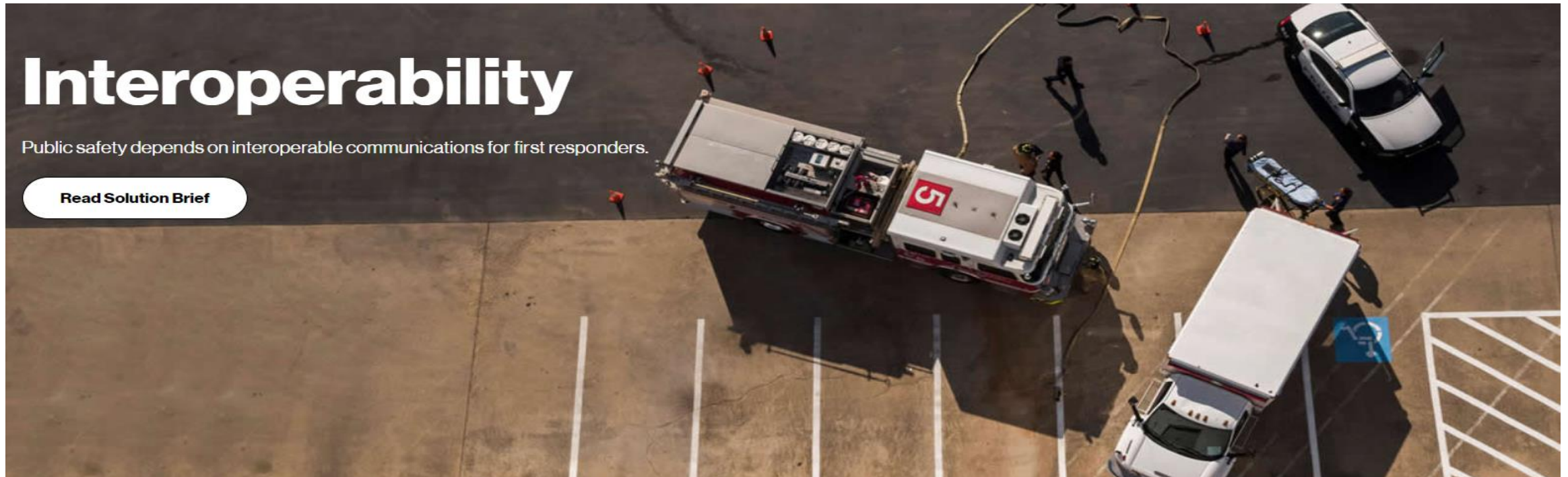
Interoperability

Improving Crisis Response

- Verizon's partnership with Mutualink helps improve crisis response by enabling interoperable agency communications and information sharing for devices across different networks, ensuring first responders, public safety agencies and private security personnel can exchange critical information when they need it most. Mutualink's True Interoperability means that public safety applications are accessible by all first responders, regardless of the network they use, whether Land Mobile (LMR) or LTE.

The Evolution of Interoperability

- Since 2001, significant progress has been made toward enabling greater interoperability across agencies. A number of systems have been developed to help increase compatibility between public safety LMR systems, enabling mission-critical voice communications between responders on different systems. More importantly, advanced LTE wireless broadband networks have evolved to help meet the expanding communication needs of public safety agencies.



Keeping First Responders Safe

- Verizon is continually enhancing our network output and capabilities to meet the mission of enabling voice and data interoperability across agencies, jurisdictions, devices and networks. Advances in technologies, like Push to Talk Plus, make interoperability possible not only for voice but also for video and data, significantly improving situational awareness. Verizon is prepared for the future of network interoperability with a focus on emerging technologies, such as using 5G for near real-time situational awareness.

We can help you inspire great learning through technology solutions that address the holistic needs of students and teachers.

- You need a technology partner that helps students and teachers thrive with advanced digital solutions and services, a network you can rely on, and a focus on quality and value. Strengthen and modernize your infrastructure to provide new learning opportunities and achieve your vision of robust, engaging and effective learning experiences for all.

K-12

- We're ready to help you create a foundation for digital learning, strengthen and modernize your infrastructure to enable network security and continuity of services, and provide the quality and value that helps keep you focused on your goals, today and in the future.

Higher Education

- Provide richer learning and teaching opportunities, promote safety, and boost productivity with technology solutions for higher education. We can help you meet the holistic needs of students on or off campus and drive career readiness and lifelong learning while supporting digital inclusion initiatives so that all of your students can thrive.

Secure, effective distance learning tools for uninterrupted education

- For students around the country, classroom learning has become distance learning. Despite the uncertainty around closed schools, teachers can still provide some continuity for their students. With Verizon's reliable, secure network, school administrators can give teachers the connectivity and collaboration tools to help them connect with students, parents and colleagues.



References

- <https://www.verizon.com/solutions-and-services/verizon-cloud/>
- <https://www.verizon.com/support/how-to-use-verizon-cloud/>
- <https://www.verizon.com/support/verizon-cloud-faqs/>

THANK YOU!

Do you have any questions?