Boost the performance and security of your web and mobile applications.

Deliver a better online experience and get comprehensive protection with Verizon's Web Acceleration service.

Your online users expect a seamless web experience, no matter where they are or what device they're using. Built on Verizon's content delivery network (CDN), Web Acceleration delivers high levels of protection, reliability and scale for your web and mobile applications. It's the high-quality performance that your users expect and your business requires.

Our advanced technology includes support for Quick UDP Internet Connections (QUIC), a next-generation protocol that maximizes website speed and security, along with intelligent load balancing for faster request delivery. Our open peering policies provide single-hop, low-latency connections to thousands of networks, providing content faster to even the most remote geographies and enabling you to scale your web services to new markets quickly and securely.

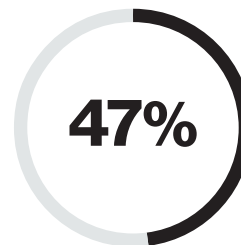## Industry challenges and opportunities

Global internet usage continues to grow unabated. And a lot of this activity is e-commerce, increasingly being done on mobile devices. In the U.S. alone, retail e-commerce sales grew 44.5% between the second quarter of 2019 and the second quarter of 2020.[1]

As we move toward a mobile-first world, you need a network provider with the proven expertise to boost the performance and responsiveness of your web and mobile applications. Our Web Acceleration service is ideal for high-traffic applications, such as:

- E-commerce
- Online banking
- Software updates
- Social media feeds
- Video streaming

47%

Forty-seven percent of consumers expect a web page to load in two seconds or less.[2]
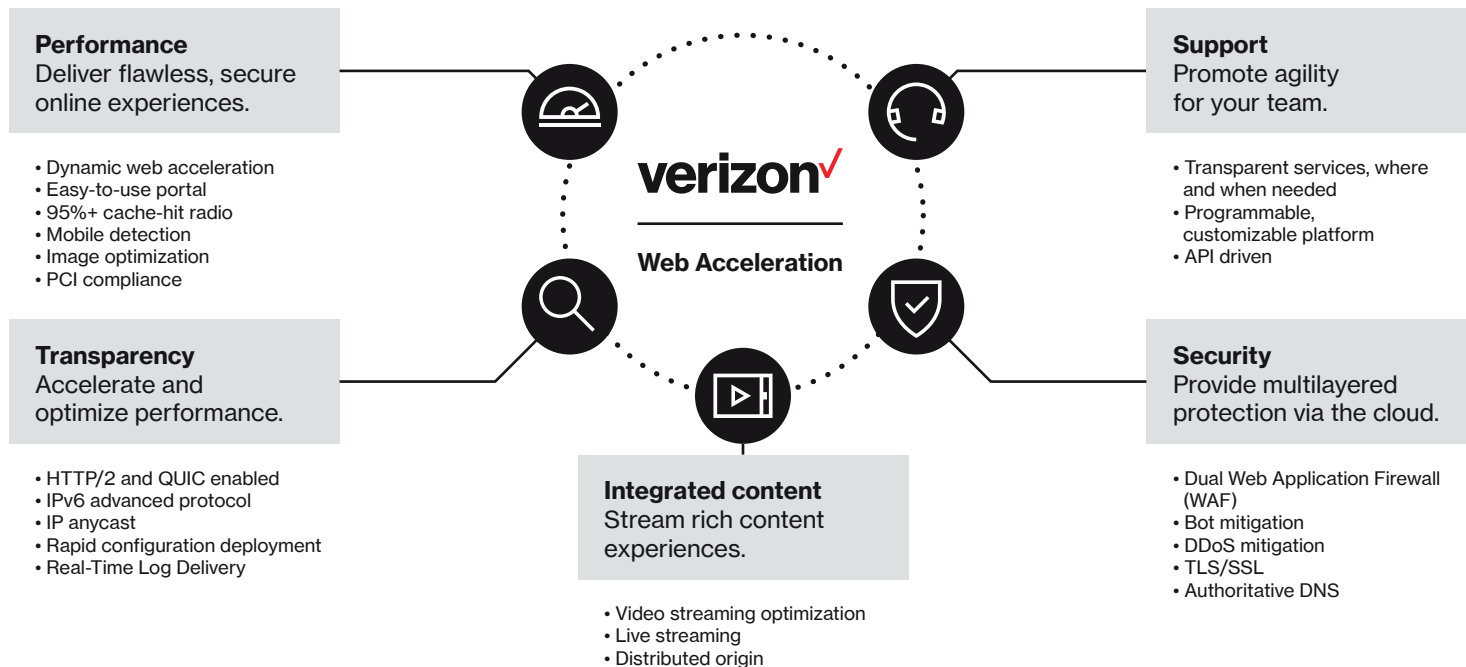
Performance that builds audiences

Flawless digital experiences begin with an intelligent, interconnected global network built for today's enterprise businesses. Our Web Acceleration service offers massive network capacity, advanced caching and dynamic content acceleration strategies, lightning-fast performance, and stringent security.

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Performance
Deliver flawless, secure online experiences.

- Dynamic web acceleration
- Easy-to-use portal
- 95%+ cache-hit radio
- Mobile detection
- Image optimization
- PCI compliance

Transparency
Accelerate and optimize performance.

- HTTP/2 and QUIC enabled
- IPv6 advanced protocol
- IP anycast
- Rapid configuration deployment
- Real-Time Log Delivery

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Web Acceleration

Integrated content
Stream rich content experiences.

- Video streaming optimization
- Live streaming
- Distributed origin

Support
Promote agility for your team.

- Transparent services, where and when needed
- Programmable, customizable platform
- API driven

Security
Provide multilayered protection via the cloud.

- Dual Web Application Firewall (WAF)
- Bot mitigation
- DDoS mitigation
- TLS/SSL
- Authoritative DNS

Verizon Web Acceleration features

Web, video and API acceleration

Static and dynamic Web Acceleration lets you deliver faster web experiences packed with more video and images to meet users' expectations. Our acceleration technologies help your online presence rank higher for SEO, and your conversion rates increase for conducting business online. Your online users get a high-quality experience wherever they are in the world on any device.

Edge computing

We make experiences better at the network edge. We provide visibility into how your business rules are being configured, and flexibility to manage configurations and rules through a web portal. We can also create custom rules to specify precisely how edge servers cache and transfer your content. We also include support for Lua scripting for endless possibilities at the edge, from increasing your cache-hit ratio to squeezing even better performance out of your website and applications.

Cloud security

We provide comprehensive, payment card industry (PCI)-certified security that protects your websites and mobile applications at every level. From massive network-layer distributed-denial-of-service (DDoS) attacks to advanced application-layer attacks, our comprehensive web security services protect you from a wide range of malicious bots and other cyberthreats.

Reporting and analytics

Know what's going on in your network sooner with Real-Time Log Delivery. This feature sends raw logs to the endpoint of your choice in near real time, enabling you to make better-informed decisions that benefit your users. Complete raw log data is delivered in less than 60 seconds, the fastest delivery in the industry.

Web Acceleration you can trust

Powered by one of the world's largest, seamlessly connected global IP networks, our Web Acceleration service offers your business many advantages.

Leading technology and presence

Our global network has over 115 Tbps of capacity and features a modern architecture and patented caching and acceleration technologies. We have over 160 strategically placed points of presence (POPs) on six continents and interconnects with over 5,000 peering and routing partners. All this enables faster page load times, more objects served from cache and no impact to application performance during traffic spikes.

Increased power and control

Control your content on your terms. Our self-service portal and application programming interfaces (APIs) enable real-time control as well as high visibility, configurability, customization and fast, system-wide propagation. Our service delivery enables your IT team to be more agile and productive because there's no need for third-party professional services.

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Multilayered protection in a multithreat world

You get end-to-end cloud security. Our comprehensive web security services include built-in DNS protection; SSL/TLS encryption; Layer 3, 4 and 7 DDoS protection; a Dual Web Application Firewall; bot mitigation; and origin protection. Add in our optional Managed Security service and you have a complete security solution to help your business protect its assets and grow safely.

World-class service and support

Our support team is staffed with engineers 24/7 in Los Angeles and Dulles. Our teams take a highly collaborative approach to problem-solving, so the vast majority of issues are resolved at the Tier 1 level. In addition to proactive monitoring and troubleshooting, we provide instant updates when there's an issue with real-time ticketing and RSS feeds, so you always know what's happening as it happens.

Improved ROI

Our service delivery model, combined with our efficient Web Acceleration architecture, translates into superior ROI for you. We provide a lower total cost of ownership by reducing the cost of administration, minimizing non-value-added service costs, improving productivity and lowering the cost of services.

Learn more:

For details about how Web Acceleration can boost the security and performance of your web and mobile applications, contact your Verizon Business Account Manager or visit verizondigitalmedia.com/our-company/contact-us/

Specifications and protocols

- Payment Card Industry Data Security Standard (PCI DSS) Version 3.0 Level 1

- International Organization for Standardization/International Electrotechnical Commission (ISO/IEC) 27001: 2013

- American Institute of Certified Public Accountants (AICPA): AT 801 (SSAE 16) SOC 2 Type 1 Report

- Cloud Security Alliance (CSA) STAR Certification: Level 2

- HTTP/2 and QUIC-enabled

Why Verizon

Our expertise is built on managing over 400,000 security, network and hosting devices, and over 5,000 customer networks in 160+ POPs around the world. We offer tremendous scale, comprehensive solutions, and industry-leading service and support your business can rely on.

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1 "Quarterly Retail E-Commerce Sales Second Quarter 2020," U.S. Census Bureau News. census.gov/retail/mrts/www/data/pdf/ec_current.pdf

2 Sean Work, "How Loading Time Affects Your Bottom Line," NeilPatel.com. https://neilpatel.com/blog/loading-time/