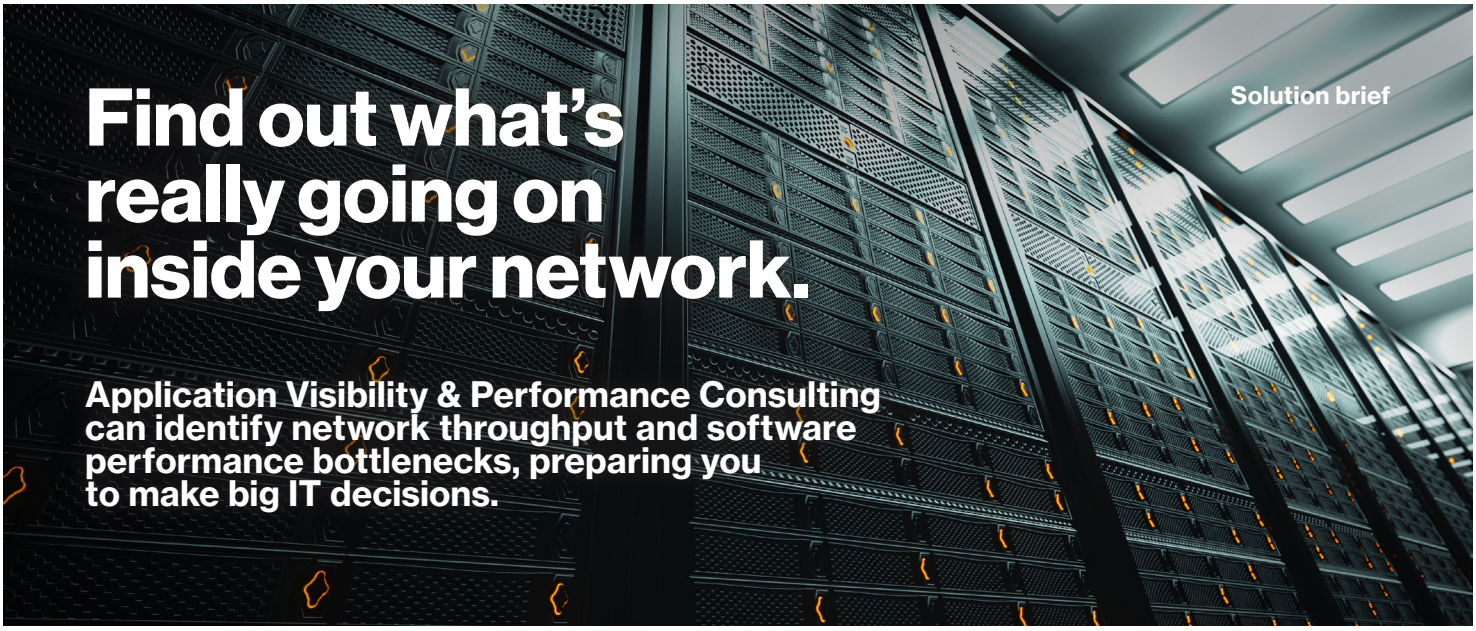


Solution brief

Find out what's really going on inside your network.

Application Visibility & Performance Consulting can identify network throughput and software performance bottlenecks, preparing you to make big IT decisions.

Enterprise networks can be complex, designed to grow and adapt to serve changing business needs. Discovering and managing big networks is a complicated undertaking that frequently falls victim to more urgent day-to-day problems. And a badly maintained, inadequately or inappropriately designed network is a drain on time and money.

Verizon's Application Visibility & Performance Consulting engagements are a suite of fixed-scope, fixed-duration and fixed-price professional service engagements designed to assess your business application environment and performance. The engagements provide technical insight to help you make more informed decisions regarding future network and application architecture and operational investments.

The tools and expertise needed to make those decisions are specialized and often not found in most IT departments. An engagement combines our technology investments and our expertise to help you make the best decisions within a predictable time frame and cost.

Rather than requiring you to load software agents on every server, our approach uses a small self-contained rack of equipment that sits temporarily on a data center floor. This gives our consultant full access remotely but securely; your data does not leave the site, only the summary report does. The hardware and software tools configured and controlled by our experts help ensure that you get thorough and reliable information to make decisions with.

Available services

This suite of engagements can help you with multiple situations, including:

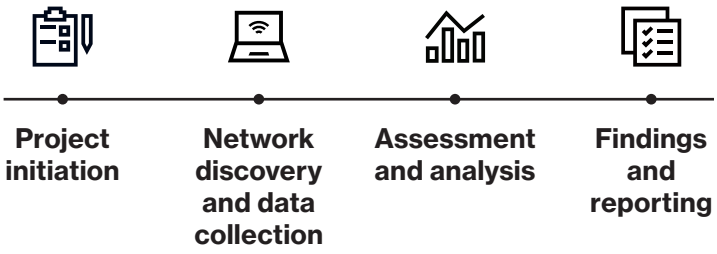
- Network infrastructure and business application discovery and mapping, especially useful during mergers and acquisitions
- Cloud migration assessments to identify business applications that are good candidates for migrating to the cloud
- Multi-access edge computing migration assessments to determine business applications that would benefit from MEC deployment or operations models
- Data center optimization services to identify how to best execute data center consolidation or colocation migration
- Application performance assessments to provide insight into advanced multitier applications and identify issues affecting performance

Our specialists can also assist you at various stages of other network infrastructure projects, including the determination of your network's readiness for voice, video or other emerging technologies. Plus, we can provide recommendations as to how to optimize your network for capacity and performance, while helping you make infrastructure investments based on a clearer understanding of your current network's design and performance.

verizon

How it works

The Application Visibility & Performance Consulting suite of specialized and sophisticated hardware and software tools, combined with our industry knowledge and experience, offers you a cost-effective and reliable means to obtain vital network and business application performance data that are not typically obtained anywhere else. All engagements use similar architecture, methodology and deliverables, following a process that provides a consistent set of deliverables along the project timeline.



1. **Project Initiation.** Our consultants establish a preliminary project plan, including a detailed breakdown of key milestones; identify key stakeholders; capture application, business and technical objectives; and gather preliminary current network and application information, issues, and existing gaps
2. **Network discovery and data collection.** The consultants will then establish and configure connections required for the Verizon Tools Platform; collect information for discovered devices and network topology; collect real-time network and application performance data, traffic patterns and utilization statistics; and conduct a customer network data review
3. **Assessment and analysis.** In this stage, our consultants analyze network data obtained from the tools-based data collection; evaluate network discovery and analysis data against best practices and complete a gap analysis; analyze network device configurations and network device health; and provide traffic analysis and data typology transmitted on the LAN or WAN
4. **Findings and reporting.** Lastly, we prepare and provide a written report that includes findings, recommendations and priorities, and we facilitate a final presentation with your key stakeholders to review the report and discuss next steps. Those steps may include additional services for deploying permanent tools on your network or assisting with design or implementation services for application migration

Our consultants bring comprehensive skill sets that span the network infrastructure life cycle, along with an extensive network of partnerships to ensure a successful engagement. They also hold a wide range of certifications including Nokia Bell Labs End-to-End 5G Certification, CCIE, CCNP, JNCIE, JNCIA-Junos, Palo Alto PCCA, AWS Architect and Azure Architect.

For more information about Application Visibility & Performance Consulting, as well as additional professional services available in combination with our core assessments, contact your Verizon Business Account Manager or request a consultation. [NEED URL FOR THE VES.COM "REQUEST A CONSULTATION" FORM]

verizon