

Make more informed security decisions.

Security Architecture Review



The security of your business goes beyond locking the front door. Cyber threats can come at you from any direction – physical or virtual. And to keep everything safe, you need to have full visibility of your entire IT service infrastructure and understand where the gaps are. Verizon's Security Architecture Review (SAR) can help.

The insight a SAR provides can help you build a security profile to suit your business – and make more informed decisions about the future of your defenses. You can get a clearer understanding of where any vulnerabilities lie in your security, and discover how best to address them.

Reviewing your infrastructure

With a SAR, you'll be visited on site by an experienced IT security consultant who will examine your entire infrastructure – this may include holding open discussions and interviews with key stakeholders across the business. The consultant will assess how well your security measures up against best practices and industry standards.

Verizon's SAR identifies and evaluates your current security components. These may include:

- Critical business functions and information processes
- Load balancing and high availability (HA)
- Storage and back-up systems
- Network bottlenecks and single points of failure
- Logical and physical network designs
- Inbound and outbound connectivity
- Network topology and segmentation
- Endpoint protection
- Authentication requirements
- Placement and use of intrusion detection sensors (IDS)/ intrusion prevention sensors (IPS) and firewalls
- Wireless network security
- Remote access

Key takeaways

- Verizon's SAR assesses your current security components, controls and capabilities
- Verizon brings years of security expertise and is committed to helping you improve your security program
- Your SAR report will provide you with actionable insight – and you'll be given practical recommendations on how you can improve the security controls of your existing IT infrastructure

Get a clear picture of the gaps in your security

Having a better understanding of the strengths and weaknesses of your security helps you prioritize your defenses and keep your data and systems safe.

Once our experts have an understanding of your security architecture, they'll highlight where any vulnerabilities lie. We assess your current set-up in the following areas.

Network compartmentalization

This segments network areas so traffic may be filtered between networks, corporate networks and public networks.

Network filtering

It limits the number of network protocols allowed to the servers to the minimum required to conduct business.

Network routing

This determines route traffic in a secure manner – dynamic routing protocols may be used to keep routes up to date in larger environments with redundant paths.

Security protocols

The network protocols that are used to transmit sensitive information across public networks are protected from any confidentiality or integrity compromises.

Firewall rules review

A review of firewall rulesets using a combination of automated tools and manual techniques – this helps to identify any issues with rules.

Actionable insight to improve your security program

At the end of your review, you'll receive recommendations on immediate steps you can take to improve the security of your IT infrastructure – and steps you can take to maintain and strengthen this further in the future.

Your SAR report will address any vulnerabilities found during the review. Common items covered in the report include:

- Placement of the network intrusion detection/prevention sensors
- Placement of the host-based intrusion detection/prevention sensors
- Placement of firewalls, routers, WAFs and proxies
- Wireless network design, security and integration with your wired network
- Design of a management infrastructure
- Product comparisons
- Integration of security devices

Why Verizon

Our SARs aren't just designed to make your organization's security compliant with industry standards. We're focused on our customers' long-term success and safety – and we draw on years of security experience to help them achieve this.

We analyze security events every day at Verizon's Threat Research Advisory Center. And that means we can keep up with the latest cyber threats. With our substantial risk and incident experience, we can help you understand the real-world security controls that are most effective.

We draw expertise from:

- Over 13 years of forensic investigations
- Over 61 B security events
- Publishing 11 Data Breach Investigations Reports covering 13 years of data – including 10,000+ confirmed breaches and 290,000+ incidents

But don't just take our word for it. We've been named as a leader in Gartner's Managed Security Services Magic Quadrant six years in a row. We are also positioned as leaders in the 2017 Forrester Wave for Digital Forensics and Incident Response Service Providers, and the 2017 IDC MarketScape for Worldwide Managed Security Services.

Verizon's SAR is available as a fixed-price service

We can provide a SAR to suit your business needs. Verizon's program is available at three levels:



Small **Medium** **Large**

Pricing-level determinants include the specific testing parameters, the size and complexity of the company being assessed and how many assessments are required.

Learn more

For more information, speak to your account representative or contact us:

[verizonenterprise.com/support/sales](https://www.verizonenterprise.com/support/sales)

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