



Solution Brief

BlueVoyant Offensive Cybersecurity Services

Enabling you to identify vulnerabilities, validate remediation, and improve the security of your networks, personnel, and products

How Do You Defend Your Business From Persistent Attackers Looking to Exploit Your Vulnerabilities?

Today's threat actor has become increasingly sophisticated and adept at penetrating networks and applications using a mix of phishing/social engineering tactics along with testing your IT infrastructure, applications, and hardware (plant equipment, IoT/smart devices, etc.). One-third of cyber attacks start with a phishing campaign that can often evade sophisticated endpoint protection, firewalls, and other technical safeguards. Should the attacker gain access, they will quickly look to land and expand their attack, so it is paramount that your security team is prepared to rapidly identify and respond to the breach.

BlueVoyant's Offensive Cybersecurity Services enable organizations to:

- > Test technical controls used to secure digital business assets.
- > Simulate breaches using various teaming exercises to test employees and incident response processes.
- > Perform periodic vulnerability identification scans and monitor the dark web for stolen data and credentials using proprietary software.
- > Keep your employees aware and security operations personnel current on the latest attack vectors.
- > Secure IoT and application product development using various automated and manual tools.

Key Differentiators

- > Comprehensive portfolio enables you to better secure your networks, personnel, and product development.
- > Proprietary software and exclusive data sources provide you with a thorough analysis of your data available on the dark web.
- > Customized vulnerability scanning and remediation recommendations to help you adapt to the changing attack vectors.
- > BlueVoyant team members have an average of nearly 10 years of cybersecurity experience and have performed vulnerability and penetration testing across multiple industries and government agencies, including the U.S. Department of Defense.



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Offerings



Vulnerability Assessment

Leveraging BlueVoyant analyst expertise, network vulnerability scanning, and analysis are performed on client networks to identify and assess known vulnerabilities and misconfigurations. Upon scanning completion, recommended remediation guidance is provided to improve client baseline security posture and mitigate future threats.



Application Testing Service

Application Testing is conducted on standalone software applications, Android mobile applications, web service applications, and related APIs. These tests are conducted by utilizing both open source and proprietary tools, scripts, and methodologies to discover and map vulnerabilities within the application.



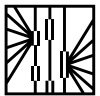
Manual Network Penetration Testing

Technical evaluation and assessment of internal and external network infrastructure (such as routers, servers, and switches), fixed and wireless networks, and cloud servers that comprise your security perimeter. The test will simulate malicious cyber-attacks to identify, verify, and validate vulnerabilities and remediation efforts.



Phishing Engagements

BlueVoyant specialists will work with the client to create a customized phishing email. Once completed and disseminated to the organization, BlueVoyant personnel will analyze results and provide an executive report with metrics for your organization to utilize for risk analysis.



Automated Network Penetration Testing

Expert configured and assessed software that performs automated, simulated attacks against vulnerabilities with the primary goal of gaining administrative privileges or escalating user privileges, accessing an operating system command line, pivoting into more secure network segments, or accessing files residing on assets.

[Ready to learn more?
Get started.](#)

BlueVoyant combines internal and external cyber defense capabilities into an outcomes-based cloud-native solution by continuously monitoring your network, endpoints, attack surface, and supply chain, as well as the clear, deep, and dark web for threats. The full-spectrum cyber defense solution illuminates, validates, and quickly remediates threats to protect your enterprise. BlueVoyant leverages both machine-learning-driven automation and human-led expertise to deliver industry-leading cybersecurity to more than 900 clients across the globe.



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