

# Security Auditing

PBG Networks : Push to ensure the safety and privacy of your students, staff, and data

## Why do I need an Audit?

PBG Networks security audits can help you identify overlooked vulnerabilities in your environment that could potentially be exploited by threat actors. This includes not only technical vulnerabilities but also vulnerabilities related to policies and procedures. Many organizations, especially K12 and Higher-Ed, are subject to various compliance requirements, including the Family Educational Rights and Privacy Act (FERPA) and the Children's Online Privacy Protection Act (COPPA). A security audit can help ensure that your school is meeting these requirements and avoiding potential legal and financial liabilities. PBG is partnered with multiple Cyber Insurance Agencies to ensure we understand cybersecurity insurance requirements and help our clients meet compliance.

## Why PBG?

At PBG Networks, we have a team of highly skilled and certified auditors who are experienced in conducting comprehensive audits for a wide range of IT systems and components. PBG networks offers a variety of audits that specifically target key areas of your network, and we provide detailed reports with actionable recommendations and mitigation services to help you improve your IT security and performance.

## PBG's Audits

### Active Directory Audit

Our team will thoroughly assess your Active Directory (AD) environment to identify any security risks, misconfigurations, or compliance issues, including DNS, DHCP, Group Policy, and more.

PBG will provide detailed reports and recommendations, and our expert remediation and mitigation services can ensure the integrity and security of your AD environment

### MFA Audit

Multi-Factor Authentication (MFA) is a critical security measure to protect against unauthorized access. Incomplete implementations and free MFA solutions leave many holes in your security perimeter.

Our MFA audit will assess the implementation and effectiveness of MFA in your environment and provide recommendations to meet cybersecurity insurance requirements and best practices.

### Email & Compliance Audit

Email is a critical communication tool for businesses, and ensuring its security and compliance is essential. Our email and compliance audit will assess your email systems, policies, and procedures to ensure your entire organization is protected against common email vulnerabilities.

PBG will provide recommendations to enhance the security and compliance of your email environment.

### Disaster Recovery Audit

Our Disaster Recovery (DR) audits will assess the readiness and effectiveness of your DR plans and procedures.

PBG will identify any gaps or weaknesses in your DR strategy and provide recommendations to enhance your ability to recover critical systems and data in case of a disaster.

### Firewall Audit

Your firewall is often the first line of defense against unwanted external access. Unconfigured features that are paid for and not used, or misconfigured policies, along with missing MFA protection leave your network vulnerable.

PBG will help improve your first line of defense with an audit and assessment of your firewall and VPN configuration and rules.

### Backup Audit

Offsite? Air-gapped? 3-2-1? Encrypted? PBG will review your backup processes and procedures to ensure they are reliable, efficient, and compliant with industry best practices.

We will assess the integrity of your backup data and provide recommendations to improve your backup strategy, reduce the risk of data loss, and increase restore times.

### Network Security Audit

Due to its complexity and fear of disruptions, wireless and switching security is often placed on the backburner. Our network security audit will assess the configuration of your network to identify any vulnerabilities or misconfigurations that could be exploited by attackers.

PBG's recommendations will help strengthen your network security posture and introduce you to modern network security tools for your switching and wireless network.

### Virtualization Audit

Virtualization is a widely used technology for optimizing IT infrastructure, but it can also introduce security risks if not properly configured.

Our virtualization auditing service will assess the security and compliance of your virtualization environment, including hypervisors, virtual machines, and management tools.

### Patch Management Audit

Keeping your systems up to date with the latest patches is crucial for protecting against known vulnerabilities.

PBG's patch management audit will assess your patching processes and procedures (or lack thereof) to ensure they are effective and compliant with industry standards. Did you know that many organizations already have patch management tools that are going unused? Let PBG show you how automation is key to staying ahead of security breaches.