

PrintGuardian Executive Highlights Report



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Overview

Print Guardian is a managed cybersecurity service designed to secure network-connected printers and multifunction devices (MFDs), transforming them from overlooked security risks into fully monitored and governed enterprise assets. Delivered via a hardened appliance deployed within the customer environment, the solution provides continuous monitoring, vulnerability management, security analytics, and integration with existing SOC and SIEM platforms.

The Business Challenge

Printers and MFDs have evolved into network-connected endpoints but are often excluded from cybersecurity monitoring programs. This creates significant risk through:

- Unpatched firmware and insecure configurations
- Limited visibility and monitoring
- Credential theft opportunities
- Lateral movement into critical systems
- Potential data exfiltration from print environments

As a result, printers can become an attractive entry point for attackers seeking access to corporate networks.

Key Capabilities

Continuous Security Monitoring

- Real-time printer and device monitoring
- Log collection, normalisation, and analysis
- Behavioural analytics and anomaly detection
- Security event prioritisation and alerting

Vulnerability Management

- Identification of outdated firmware
- Detection of weak authentication and exposed services
- Risk-based vulnerability assessment
- Actionable remediation recommendations

IoT Security Visibility

- Automated device discovery and classification
- Continuous monitoring of printer behaviour
- Threat intelligence-driven detection
- Early identification of suspicious activity and attack patterns
- Security Operations Integration
- Secure SIEM and SOC integration
- Correlation across endpoint, network, and identity events
- Faster incident response and threat investigation
- Unified enterprise visibility

Business Benefits

- **Reduced Cyber Risk:** Minimises exposure from unmanaged printer devices.
- **Improved Visibility:** Brings printer estates into enterprise security operations.
- **Enhanced Compliance:** Supports ISO 27001, NIST CSF, and GDPR requirements.
- **Operational Efficiency:** Fully managed service with minimal customer overhead.
- **Seamless Security Integration:** Extends existing security capabilities without additional complexity.

Deployment Model

Print Guardian is deployed as a physical or virtual appliance within the customer's trusted network, using a hardened Windows-based platform with outbound-only communications for enhanced security. Multiple appliances can support segregated network environments where required.

Managed Service Delivery

The service includes:

- 24/7 monitoring and alert triage
- Incident escalation and coordination
- Appliance maintenance and patching
- Continuous optimisation and reporting
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Defined SLA response times from 1 hour for critical exposures to 1 business day for low-priority issues

Strategic Value

Print Guardian closes a critical security gap by bringing printers and MFDs under the same governance, monitoring, and protection standards as other enterprise endpoints. Through continuous monitoring, vulnerability management, and security integration, organisations can significantly improve their security posture, compliance readiness, and operational resilience.

Bottom Line: Print Guardian enables organisations to secure one of the most overlooked attack surfaces in the enterprise, reducing risk while improving visibility, compliance, and incident response effectiveness.

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