# Next Generation Endpoint Protection (NGEP)

## Deployment and management of ITHQ endpoint protection solution

**ADVANCED ENDPOINT SECURITY THROUGH INTEGRATED VISIBILITY, CONTROL, AI, AUTOMATION AND PROACTIVE DEFENCE**

**For endpoint protection to qualify as 'next generation', it must incorporate many layers of defence. We've created a multi-vendor soution that brings together an array of best-in-class features to deliver truly next generation endpoint protection.**

**FORTINET.**
AUTHORIZED PARTNER

**SentinelOne**

**RAPID7**
BRONZE Partner
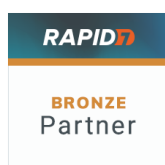
**THE ITHQ NEXT GENERATION ENDPOINT PROTECTION (NGEP) SOLUTION**

As cyber threats continue to evolve, it is critical that businesses maintain a proactive stance when it comes to securing networks.

Our FIRE process: proven to maximise project results

Formulate    Implement    Run    Evolve

We sought out partners for our NGEP solution that have consistently demonstrated strong performance and results.

We are confident that our combination of FortClient from Fortinet, Insight IDR from Rapid7 and EPP from SentinelOne, offers the best possible endpoint protection available.

Your NGEP solution is designed, configured and managed by ITHQ, to deliver protection today that will evolve to defend your business beyond tomorrow.

- **Multi-strategy anti-malware protection**

- **Anti-exploit protects against APTs**

- **Real-time endpoint visibility**

- **Policy compliance enforcement**

- **Vulnerability management with flexible patching**

- **Cloud visibility of user behaviour**

- **Forensics of threat origination and intention**

- **Application inventory for better security hygiene**

- **VPN: two-factor authentication, always-on & more**

- **Sandbox integration: real-time deep threat inspection**

- **Web filtering enforces security and usage policy**

- **Application firewall controls traffic by categories**

- **Endpoint firewall controls inbound / outbound traffic**

- **Host quarantine automates response when triggered**

- **Activity logging per user application and asset activity**

- **User and endpoint analytics help detect attackers**

- **Threat feed: data from malware analysis communities**

- **Remediation isolates / immunises endpoints or restores to pre-infected state**

- **File integrity baseline comparison monitoring for tamper detection**

- **Patch management enforces OS & third-party patch updates, sercurity configurations and custom scripting**

## WHY FORTINET, RAPID7 AND SENTINELONE



Global cloud intelligence

Behaviour-based dynamic threat detection

Advanced Threat Protection

When we created our next generation endpoint protection (NGEP) solution, we started with a vision. Our three partners have turned that vision into reality.

**FortiClient** integrates with FortiSandbox to detect zero-day threats. Custom malware provides secure remote access with built-in VPN, single-sign-on, and two-factor authentication for added security. It provides pattern-based anti-malware, behaviour-based exploit protection, web filtering and an application firewall.

**SentinelOne**'s Endpoint Protection Platform (EPP) unifies prevention, detection, and response using machine learning and automation. It prevents and detects attacks across all major vectors, eliminates threats with automated policy-driven responses and provides real-time, full-context forensics.

**Rapid7**'s InsightIDR delivers simple cloud-based data collection, detects common and targeted attacks, and supplies context and power for defensive action. Malicious activity is detected across the entire ATTACK chain and reported. InsightIDR breaks the traditional SIEM mould while boasting the fastest deployment times in the industry.

## ITHQ NGEP FULLY CONFIGURED AND MANAGED SOLUTION FEATURES

| | | |
|---|---|---|
| Architecture (HLD & LLD) | Activity logging | User & endpoint behaviour analytics |
| Anti-malware | F.I.M. | Cloud visibility |
| Anti-exploit | Endpoint visibility | Host quarantine |
| Web filtering | Application inventory | Vulnerability management |
| Application firewall | VPN | Sandbox integration |
| Endpoint firewall | Compliance | Forensics |
| Patch management | Enforcement | Remediation |

# ITHQ

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