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Defend Against Threats in Remote Work Environments

NTT Solutions Secured by Fortinet Protect Remote Workspaces From Targeted Attacks

Employee Security Anywhere, Anytime

Teleworking benefits both employers and employees but also creates new, profound challenges for corporate cybersecurity teams. Even before the pandemic, remote work was becoming increasingly prevalent at businesses worldwide, but now teleworking is a way of life. Remote workers are more productive and work more, on average, than on-site employees.[1]

As people use their own devices to access corporate networks and data from outside the traditional company security perimeters, it presents new security challenges. The NTT-Fortinet joint solution suite for teleworkers enables companies to exert an extra level of control and security to protect their corporate intellectual property and comply with regulatory requirements. Regardless of where and how they work, the NTT-Fortinet solution allows teleworkers to perform at a high level anywhere, anytime.

Providing Secure Access

For safe and productive teleworking, companies must defend against both internal and external threats. They need to verify the identity of a teleworker across every device and control access. Organizations have to resist targeted cyber threats from outsiders against every device a teleworker uses to access sensitive data. At the same time, they need to prevent teleworkers from exposing that data to outsiders. Providing this level of security requires a coordinated combination of hardware, software, threat monitoring, and protection services. The NTT-Fortinet partnership takes advantage of Fortinet technology and NTT's managed cybersecurity services to deliver a complete, efficient, cost-effective solution.

The NTT Security Division helps clients create a digital business that's secure by design. In addition to threat intelligence, NTT has a global network of security operations centers (SOCs), seven research and development centers, and more than 2,000 security experts. The company handles hundreds of thousands of security incidents annually across six continents. Delivering the right mix of managed security services, security consulting services, and security technology helps ensure client resources are used effectively.

With NTT's managed services, companies can meet the security challenges of teleworking and support the growing number of teleworkers. They can implement technology and management services for:

- Protecting endpoints
- Setting consistent, centralized policies that manage all types of teleworkers

Fortinet Security for Remote Workers

Fortinet technologies that are available for teleworker cybersecurity solutions include:

- FortiClient
- FortiGate
- FortiWiFi
- FortiFone
- FortiToken
- FortiAuthenticator
- FortiAP
- FortiManager
- FortiAnalyzer
- FortiSandbox

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Fabric-Ready

- Providing control, visibility, and threat monitoring without compromising user flexibility or productivity, even when using virtual private networks (VPNs) to access secure networks
- Establishing data loss prevention to block employees from sending out valuable information such as screenshots or financial information

The NTT-enhanced SOC provides managed services that are constantly staffed, so they can react to problems when they arise and prevent them from occurring in the first place.

## Managing and Protecting Remote Work at Scale

Remote work is now essential to business continuity. But to make it work at scale, companies need a managed service solution that offers a full product suite that is easily adaptable, resilient, and functionally complete. These solutions must empower organizations to be able to operate during emergency situations that range from natural disasters to pandemics. To manage these situations, companies first must develop continuity plans that address situations when normal operations on-site are not possible.

The NTT-Fortinet partnership offers a comprehensive, integrated solution to support telework at scale, regardless of the type of teleworker. For example, clients can deploy FortiGate next-generation firewalls (NGFWs) for secure VPNs, FortiClient endpoint protection, and FortiAuthenticator multi-factor authentication (MFA).

Teleworking at Scale

Companies can get the most out of teleworking and maintain cybersecurity by deploying a solution that scales to tens or hundreds of thousands of users. A scalable solution can benefit the corporate bottom line and improve employee satisfaction. The NTT and Fortinet solutions use slightly different scaling approaches and technologies to protect the three types of teleworkers: basic, power, and super users.
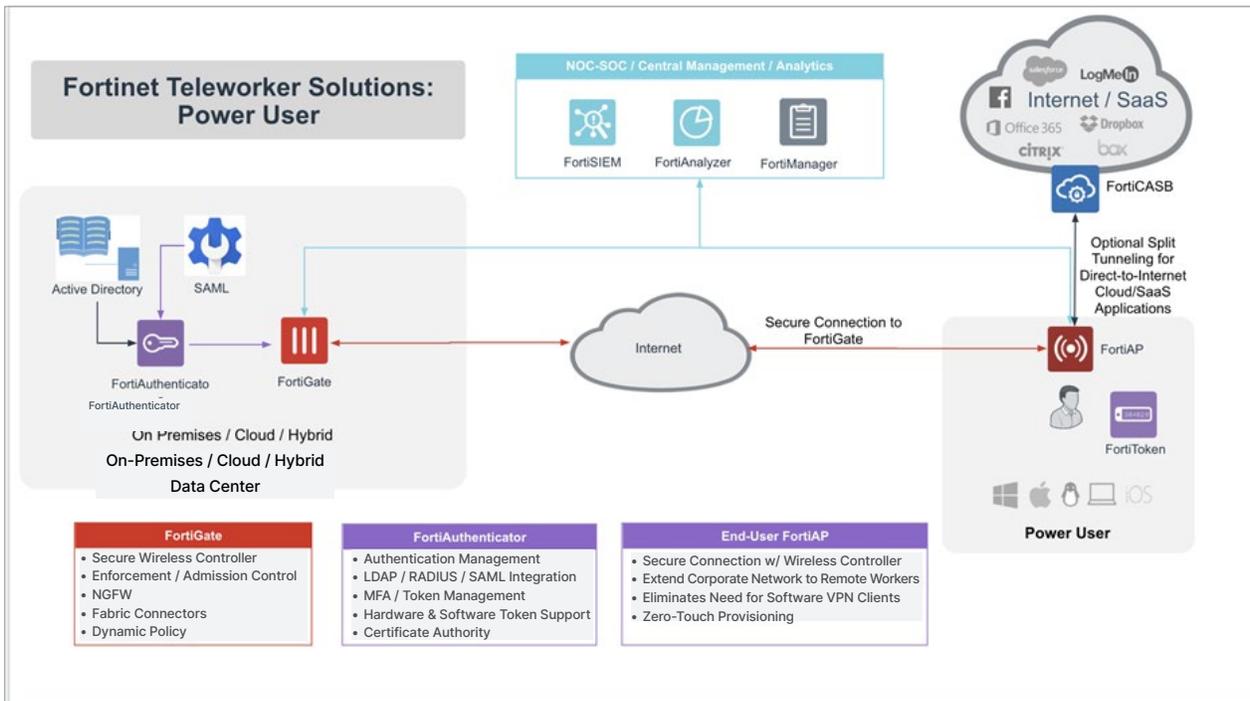
Basic User
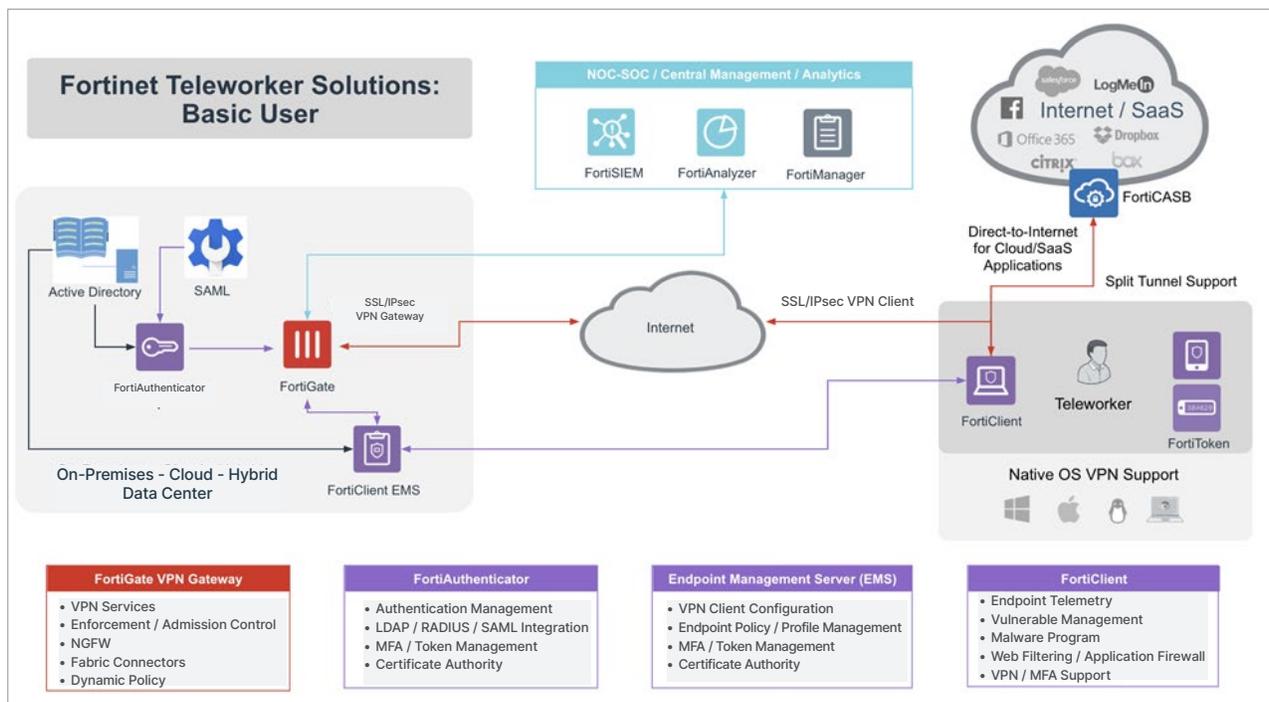
Encompasses most remote employees who require email, internet, teleconferencing, file sharing, secure access to cloud service applications, and the corporate network. FortiClient and FortiToken help ensure high-performance VPN connections and offer user identification and MFA.
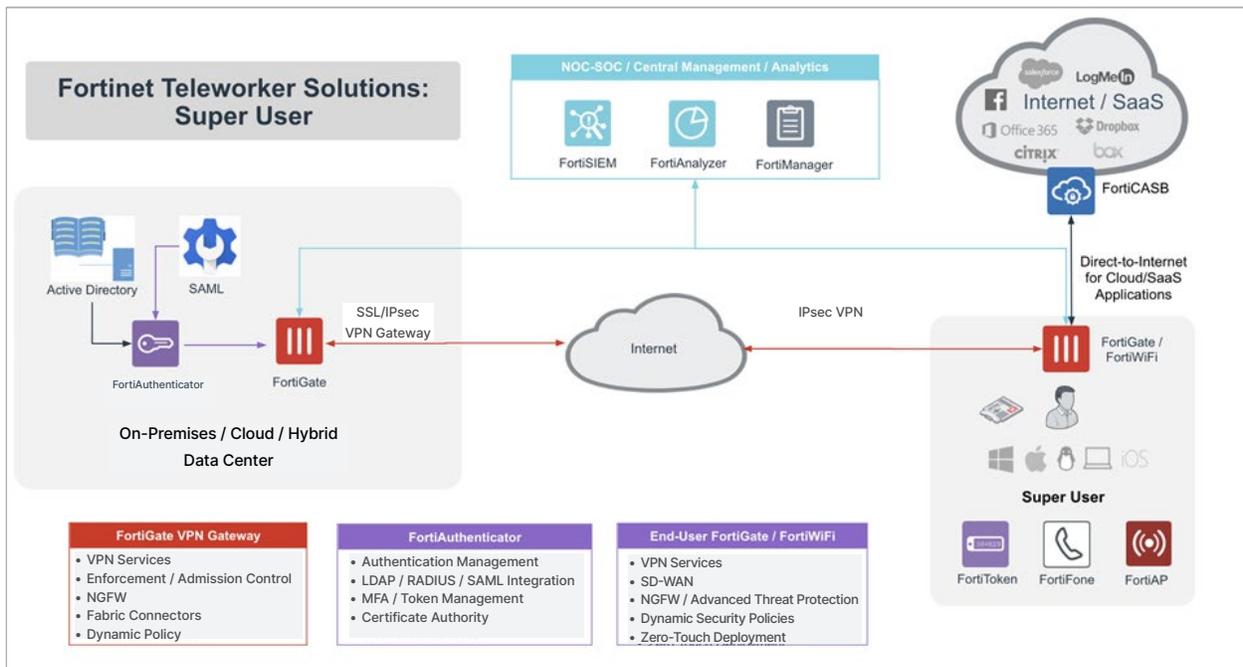
Power User

Includes employees such as systems administrators and IT support technicians who require high-level access to secure resources while working remotely. With FortiAP, they have secure wireless connectivity to the network.

Super User

Encompasses employees such as privileged administrators and executive management who require access to confidential information from an alternate office location. These people require additional functionality in their alternate location that is provided by the integration of FortiAP with a FortiGate firewall or FortiWiFi appliance.

Key Solutions and Services

NTT solutions secured by Fortinet are easily deployed to remote work locations. The holistic approach ensures remote workspaces are protected from major targeted attacks including malware, identity theft, and eavesdropping. NTT offers the following services:

- Security consulting services that help companies understand and develop strategies for creating high-functioning digital workplaces that are also secure

- Cybersecurity advisory for digital workplaces that provides roadmaps for security policies that are aligned to business objectives

- Managed security services that support business goals while offering responsive, adaptable security to address the latest threats

For More Information

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[1] "The Benefits of Working From Home," Airtasker, March 31, 2020.

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