

# HughesON™ Managed Security Services

Few challenges pose as big a risk to an enterprise as data security breaches, which is particularly true for the distributed enterprise with its more expansive threat surface and need to broadly interact with the public. From an organization's financials and private data to its customer information, every aspect of a business is at risk for serious harm and damage to its reputation. With attacks so widespread, even the most sophisticated IT organizations may find their resources stretched to the limit trying to keep pace with emerging threats. As a result, many are turning to Managed Security Service Providers like Hughes to keep their networks—and their businesses—safe and secure.

## A Comprehensive Suite of Security Services

HughesON Managed Security Services is a comprehensive suite of offerings designed to address the complex security challenges that face large distributed enterprises. We offer five graduated service levels, depending upon your security requirements:

1. **Managed Firewall Service:** Designed specifically to help retailers meet stringent and ever-changing PCI requirements.
2. **Managed Content Filtering:** The coverage and benefits of our standard service with strategic control over the end user Internet experience.
3. **Managed Unified Threat Management (UTM) Service:** Adds intrusion detection capabilities as well as antivirus/antimalware to our managed content filtering services.
4. **Managed Security Information and Event Management (SIEM):** An add-on to our Managed UTM service, this option provides a Web-based security dashboard and daily security log reviews for critical and high severity events that could be malicious in nature or require action to correct a weakness.
5. **Managed SIEM with Incident Response (IR):** Building on the Managed SIEM Service, Managed SIEM with IR adds a unique SLA-based Incident Response capability, providing support via the Hughes SOC to temporarily lockdown any network segment as a mitigation measure and assist with root cause analysis and plot a path forward for mitigation remediation of the threat.



Regardless of the size, complexity, and focus of your enterprise, we can meet your needs. So if you're a government agency, HughesON Managed Security Services can help you to meet government-mandated compliance requirements. Or if you're a retailer, we can help you stay current with ever-changing Payment Card Industry (PCI) compliance requirements.

## A Platform for Staying One Step Ahead

To provide such robust "one step ahead" capabilities, Hughes has partnered with Fortinet®, the leader in network security, to integrate their innovative network security into the Hughes HR family of Secure SD-WAN Gateways. Hughes also provides managed security services on native FortiGate devices, including the FGT-30E.



# HughesON™

*HughesON is a suite of innovative, Cloud-ready network and digital media solutions designed for the unique needs of distributed enterprises in industries such as retail, hospitality, and retail petroleum.*

The Secure SD-WAN Gateway combines Hughes ActiveTechnologies broadband optimization suite with Fortinet's FortiOS 5, the world's most advanced security operating system, into a single-box solution managed by Hughes. The Secure SD-WAN Gateway is a next-generation UTM platform designed for the unique needs of distributed enterprises, such as retail, restaurants, hospitality, and retail petroleum.

## A Security Operations Center On Your Side

In addition to a leading-edge UTM platform, Hughes has a full Security Operation Center (SOC) with highly skilled and experienced security consultants and security-certified SOC engineers. By applying our expertise in security, networking, operating environments, and storage technologies as well as our advanced skills in consulting, integration, and managed services, Hughes is able to augment your own security capabilities as well as create customized security services to meet emerging demands.

When we augment your existing security capabilities, we provide day-to-day operational activity to reduce the security risks for your enterprise, and in turn, for your customers. Along with the day-to-day monitoring of the networks that use the HR family of Secure SD-WAN Gateways or native FortiGate devices like the FGT-30E, Hughes security engineers review the different potential threat events and provide extensive reports daily for you and your staff to review.

## Hughes Managed Firewall Service

The Managed Firewall Service is designed primarily to help retailers meet the stringent and ever-changing PCI requirements. A firewall serves as the key component for allowing in "good" traffic and filtering out "bad" traffic to the network. Often, enterprises fail to conduct proper configuration changes and update security policies, both of which can lead to firewall breaches.

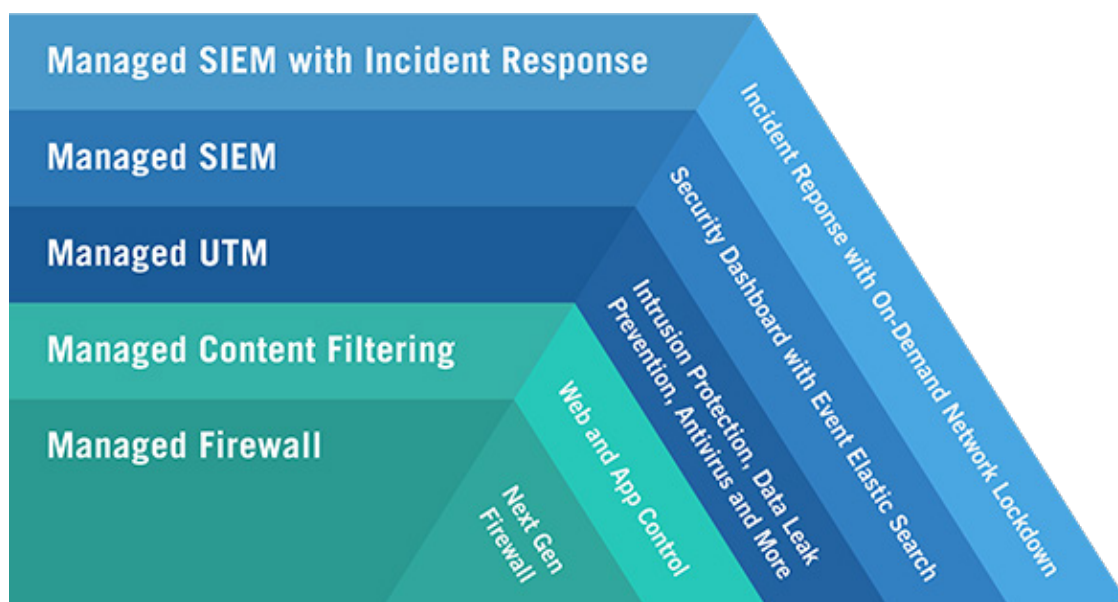
With Hughes Managed Firewall Service, we proactively administer the required firewall security policies and procedures on the HR and FortiGate platforms and update these policies consistently and dynamically. Hughes service experts also leverage firewall security and administer LAN segmentation to better protect a network.

Hughes receives and stores the log information for the deployed HR and FortiGate Gateways. All critical appliance information is then logged back to the Hughes SOC, giving immediate visibility into the health and status of a network. Administrative and configuration logs are recorded and corrective actions are taken to combat security breaches. All of this enables Hughes to keep networks like yours secure and compliant.

## Hughes Managed Content Filtering

Managed Content Filtering delivers strategic control over the end user Internet experience while also helping to meet stringent PCI requirements. With content filtering, an enterprise can reduce the legal liabilities associated with its Guest Wi-Fi services by blocking access to objectionable or copyrighted content. An enterprise may also improve employee productivity by limiting access to nonbusiness related sites or by blocking access to bandwidth-intensive content, such as streaming media. In addition to supporting site-specific access control policies, Hughes also supports filtering based on the type of Web content. A customer may also provide a list of sites to be accessed and blocked. Hughes routinely reports on those sites that have been blocked and those being accessed most often.

These reports are stored on the Hughes Network Management Portal (NMP), which is easy for customers to access so they can stay informed regarding content filtering or request changes. With Hughes' Managed Content Filtering, you can gain improved network protection through total control over guest and employee Internet access.



### Hughes Managed UTM Service

Managed UTM Service adds powerful intrusion detection capabilities, as well as antivirus/antimalware services to our Managed Content Filtering. As with all Hughes Security service options, Managed UTM delivers a fully managed security offering that is integrated across an organization's entire network to guard against threats. The intrusion detection system monitors data packets and generates an alarm when suspicious attacks are detected, enabling swifter response times. The antivirus/antimalware system also generates alarms when malformed packets are detected on the network. Managed UTM Services can also be customized, delivering scalability and reliability along with flexible reporting capabilities, with reports being posted on the Hughes Network Management Portal. Ultimately, it's a cost-effective solution for managing all phases and aspects of security: network deployment, configuration, network operations, and fault management.

### Hughes Managed SIEM Service

The HughesON Managed SIEM service, provides a Web-based security dashboard that brings together the power of SIEM-driven data analytics and elastic search capabilities to the complete set of real-time security logs as generated by the entire network. With this powerful tool, the customer's SOC team can now react more quickly to important security events, perform root cause analysis and better plot a path forward through mitigation remediation of threats. Paired with the HughesON 24/7/365 intelligent security alerts and a daily security report compiled by a Hughes Security Analyst, the Managed SIEM Service brings the power of an expensive fully fledged on-prem SIEM platforms without the cost or hassle.

### Hughes Managed SIEM with IR Service

In addition to the benefits of the Hughes Managed SIEM service above, the Managed SIEM with IR service adds a unique SLA based Incident Response capability that leverages the Hughes 24/7/365 SOC team and their orchestrated control of the managed security appliance. At the center of this service is the Hughes On-Demand Remote Network Lock-Down tool, which allows a customer to promptly request a temporary lockdown of any network segment, as a mitigation measure against further dissemination of a suspected or identified threat in the customer's internal network. With this Incident Response service, the customer will be able to expedite their mitigation measures and reduce their overall exposure.

### Let Hughes Become Your Security Partner

For more than 30 years, Hughes has provided reliable, secure networks to some of the best-known corporations and brands in the US and around the world. With HughesON Managed Security Services built on a Branch Gateway platform and backed by the Hughes SOC, you have an expert partner and cost-effective strategy for securing your network and safeguarding your business.

**For additional information, please call 1-888-440-7126  
or visit [business.hughes.com](http://business.hughes.com).**

### About Hughes

Hughes Network Systems, LLC (HUGHES) is the global leader in broadband satellite technology and services for home and office. Its flagship high-speed satellite Internet service is HughesNet®, the world's largest satellite network with over 1.2 million residential and business customers across the Americas. For large enterprises and governments, the company's HughesON™ managed network services provide complete connectivity solutions employing an optimized mix of satellite and terrestrial technologies. The JUPITER™ System is the world's most widely deployed High-Throughput Satellite (HTS) platform, operating on more than 20 satellites by leading service providers, delivering a wide range of broadband enterprise, mobility and cellular backhaul applications. To date, Hughes has shipped over 7 million terminals to customers in over 100 countries, representing approximately 50 percent market share, and its technology is powering broadband services to aircraft around the world.

Headquartered outside Washington, D.C., in Germantown, Maryland, USA, Hughes operates sales and support offices worldwide, and is a wholly owned subsidiary of EchoStar® Corporation (NASDAQ: SATS), a premier global provider of satellite operations. For additional information about Hughes, please visit [www.hughes.com](http://www.hughes.com) and follow @Hughes\_Corp on Twitter.



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