

Fortinet and UBiqube MSActivator Solution

Next-Generation Managed Security Services Orchestration and Service Delivery

Service providers and enterprises face many challenges today in designing, deploying, and managing security services. The proliferation of networking and security infrastructure point products embedded across the distributed network, coupled with their increased complexity and diversity, results in increased operational expenses and longer timeframes for service deployment. Organizations also face growing stakeholder security demands. This demand increases the need for flexibility in designing, customizing, and rolling out new services.

Fortinet and UBiqube have partnered to deliver the industry-leading managed security solution that provides nextgeneration managed security services orchestration and service delivery. The Fortinet security product portfolio and UBiqube MSActivator™ as a business solution enables customers to benefit from the industry's highest-performing security products from Fortinet and advanced service delivery and management from UBiqube. Service providers and enterprise customers can now rapidly provision and manage security services.

How Does It Work?

Fortinet's FortiGate Enterprise Firewall delivers unparalleled network security protection. The Fortinet Security Fabric provides APIs that enable the UBiqube MSActivator to integrate and achieve seamless orchestration, automated service delivery, and unified management. UBiqube's MSActivator provides an integrated fulfillment and assurance framework. This solution addresses the needs of cloud and managed security services providers. The MSActivator converged solution features full service lifecycle management. Staging, provisioning, ITIL-based configuration, and asset management round out many of the features required by enterprises and service providers. The MSActivator underlying technology extends the concepts of Software Defined Networking (SDN) and NFV (Network Functions Virtualization). This is applicable to service provider networks and data centers for a flexible end-to-end service management experience. It is designed to be used to develop, deploy, and manage new services on hybrid legacy, NFV, and SDN architectures, and to be integrated into a service provider's existing BSS/OSS/CRM environment.

The MSActivator services portfolio is enabled over a myriad of infrastructure for automation. Firewalls, routers, switches, and storage are logically attached to services that are activated using DevOps with full visibility. This creates a complete suite of security-specific services including firewall, IDS/IPS, content filtering, monitoring, etc. The MSActivator allows the service provider managed services portfolio to expand beyond the traditional range; unifying network, security, and VoIP services.

The UBiqube MSActivator is an open system and is used in the service provider industry as a fully integrated OSS (Operational Support System) for service provisioning, orchestration, and management.

Fortinet Security Fabric integration provides the broad, powerful, and automated security protections today's organizations require across their deployments, delivering security without compromise.

Key Benefits

- Unparalleled security protection
- Rapid deployment of new services
- Reduced operational complexity
- Reduced operational expenses

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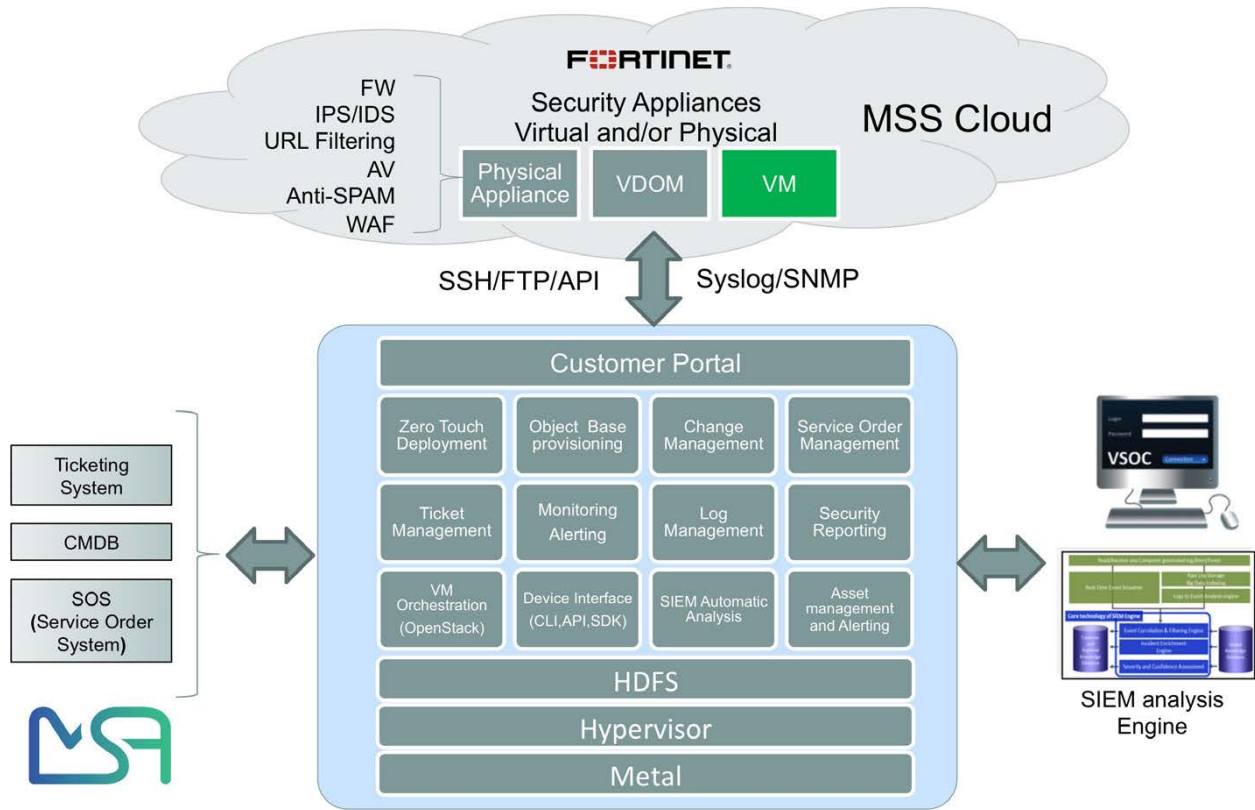


Figure 1: Fortinet-UBiqube solution architecture for advanced orchestration, service delivery, and management.

Solution Benefits

- **Unparalleled Security Protection** - leverage the industry's best validated security protection offered by Fortinet's FortiGate network security platform to protect against sophisticated cyberthreats.
- Rapid deployment of new services via MSAActivator's sophisticated orchestration capabilities and fully automated service activation.
- Reduced operational expenses, support burden, and training costs via a unified web portal.
- Reduced operational complexity through programmatic integration with networking and security components.
- Incorporation of SDN and NFV technologies, and automated and streamlined service provisioning.
- Increased design flexibility and service customization through an intuitive and highly customizable user interface.
- Reduced service design-deployment-operations cycle time through open platform enabling DevOps.
- Carrier-class, scalable, and multi-tenant architecture.