

Fact Sheet

ROBOSOC (SOC in a box)

Providing remote SOC services on-premise

The ROBOSOC™ (SOC in a box) service provides clients, with data-residency concerns, piece of mind by providing an on-premise Security Operations Center solution for data gathering, analysis and response.

Challenges

- Data residency requirements – either by legislation or regulation
- Privacy considerations
- High sensitivity systems (e.g. SCADA infrastructure/manufacturing control systems) where they must be isolated within the premise – no “outside” access

How we can help

The ROBOSOC (SOC in a box) solution puts the full capability of a Security Operations Center software and associated infrastructure (firewalls, Network Access Control (NAC), Security Incident and Event Management, etc.) on-premise within our client’s data center and network. We then work with the client to configure the solution to automate notification and response as much as possible and to only the appropriate client resources. Remote access is utilized for updates and management of the box only.

Benefits

- Keeps sensitive data and access within the client’s control sphere.
- Meets legislative and regulatory requirements
- One less point of entry.

What we offer

The ROBOSOC solution provides a fully unified security management platform within an on-premise installed control head. Functions included with ROBOSOC include:

- Security Intelligence / Incident Management (SIEM) – event correlation and incident response
- Behavior Monitoring – collection and analysis of logs as well as network analysis, availability monitoring
- Intrusion Detection – on the network and the hosts/servers, as well as file integrity checks
- Asset Discovery – active network scanning for new devices as they attach, passive network scanning, provision and update of the asset inventory, as well as inventorying of software on the hosts/servers.
- Vulnerability Assessment – continuous vulnerability monitoring, active scanning for authenticated, unauthenticated software and devices.



The problem

Many corporations in sensitive and/or public-sector industries want to take advantage of a “Security as a Service” offering, but have legislation and regulation in place which prevents transmission or access of data outside their region – regardless of whether it is over secure lines or not. Traditional Security-as-a-Service offerings require sensitive data to be transmitted to centralized Security Operations Centers – either in other countries or other continents – and management of local administrative tasks is accomplished by remotely located staff.

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How it works

The ROBOSOC architecture is based on the remote on-premise control box which monitors the client's network and perimeters, providing event information to cloud-based monitoring tools. When an event occurs, a ticket is generated and directly input to the Global SOC ticketing system, where it is reviewed 24x7 by our security-trained analysts and architects. Regional SOC's with local knowledge of the client's environment and response requirements will then work with the client operations to ensure a quick and effective response.

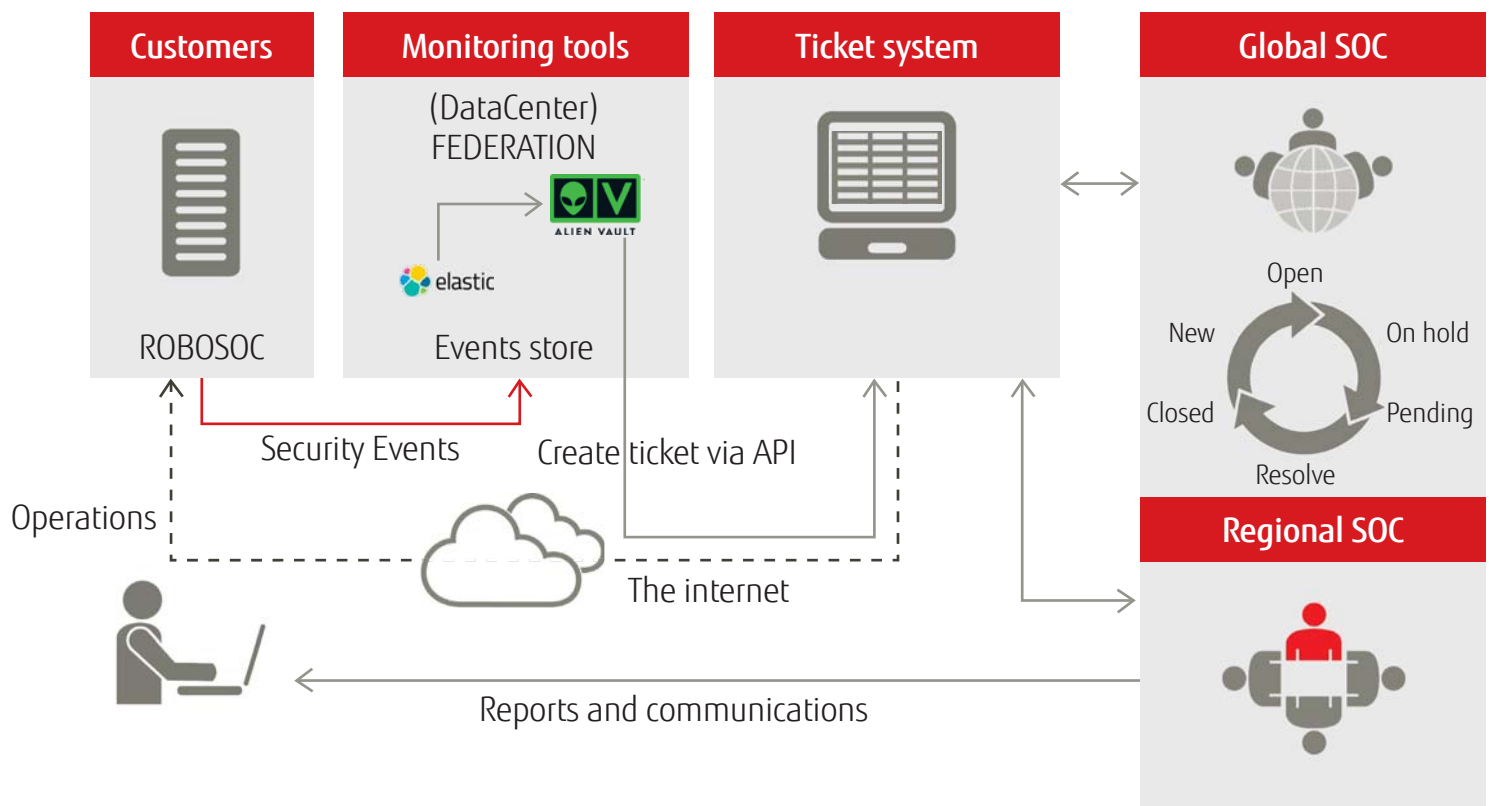
In addition, summary and detail reports on activities, events, and response times, etc. will be provided to the client on a regular basis.

Why Fujitsu?

The ROBOSOC solution provides a Unified Security Management Platform which simplifies and accelerates threat detection and incident response for IT teams, starting from day one.

The Threat Intelligence network allows it to identify the most significant threats targeting your network and provides context-specific remediation guidance.

Our global Threat Cloud is the world's largest repository of crowd-sourced threat data, providing a continuous view of real-time threats.



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Digital Transformation

New digital technology is becoming incorporated into the heart of business and society. Digital is not a single technology, rather a set of connected technologies such as cloud, mobile, Internet of Things (IoT), analytics, Artificial Intelligence (AI) and supporting security technologies.

Digital technology can radically transform how the world works. For instance, a manufacturer can leverage a connected, digitalized production line to gain a real time view of its operations, and make changes more quickly, transforming its efficiency. Connectivity greatly reduces transaction costs, and therefore improves the bottom line. Digital technology fundamentally changes an organization, how it operates and how it creates value. Digital transformation is metamorphosis. A core change, not a cosmetic change or an extension. A reconfiguring of a business to provide higher value products or services.

Digital technology has grown through four major waves of development. The first wave, the internet, made computing technology available to all, and was the first platform for digital services. The mobile internet followed by making digital services accessible anywhere.

Find out more at:

<http://www.fujitsu.com/us/vision/digital-transformation/>

More information

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FPC65-7745-01 03/17.
17.0327.1233bh

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