iROC Industrial Computing Module and Scribbler

Raptor Series iROC with Scribbler Log Manager–a highly secure, scalable, and reliable centralized log management solution

OVERVIEW

Today, secure operation of Industrial Control Systems is mandatory to protect critical infrastructures around the world. Log Management is one of the foundational pillars of cyber security systems that comply to security standards.

Modern OT systems are a heterogeneous environment with a wide array of devices such as intelligent electronic devices (IEDs), remote terminal units (RTUs), routers, switches, computers, and other specialized devices. Without an efficient logging solution, maintaining these devices is a herculean task for system administrators.

Scribbler Log Manager is a highly secure, scalable, and reliable centralized log management solution for enterprises that value their log data. An invaluable tool for administrators for identifying and diagnosing problems with their infrastructure, it consists of multiple components for collecting, filtering, storing, analyzing, and forwarding logs in real time. Its web–based analytical dashboard provides deep insight about the log data, the progress, and the state of the system.

BENEFITS

- **Network Connectivity**—singular multiservice platform solution with network communications, and facility log management on a single appliance
- **Reliability in the harshest environments**—compliant with IEC61850 and IEEE 1613 standards
- **Ease of implementation**—simplified GUI management, smaller footprint, single power source, simple integration

SCRIBLER BENEFITS

- Collects logs from heterogenous devices
- Compatible with industry leading Security Information and Event Management (SIEM) solutions
- Supports encrypted backup, tamper prevention, and detection
- Secured Transport Layer Security (TLS) transportation of logs to security operations centers (SOC)
- Powerful log filter for reducing SIEM ingestion cost
- Simple, competitive, and straight forward pricing

KEY FEATURES

- **Visibility & Analytics**—collects, filters, stores, forwards, and searches logs in real time. A web-based analytical dashboard provides a good insight about the logs.
- **Powerful REGEX Filter**—a rule engine for filtering out junk logs from the system, thus saving cost on both hardware resources and network bandwidth.
- **Role-based access control** and active directory single sign on; supports encryption at REST
- **Performance**—every millisecond matters when working with enterprise scale data. Scribbler was designed from the ground up to be efficient and with high performance. The log collection and search have very fast response times.
- **Backup** of logs to a local drive or an external network attached storage (NAS) over server message block (SMB)
- **Built in SNMP agent**—reports service health status to an external asset monitoring solution
- **Standards compliant**—Syslog over UDP/TCP/TCP TLS, CEF, LEEF, SNMP Traps RFC 3164, RFC 5424, RFC 5425, RFC 5426, RFC 6587
- **SNMP traps**—collects and forwards SNMP traps to upstream NMS, and transforms the traps to Syslog which can be stored and forwarded to any upstream SIEM

VALUE PROPOSITION

- **Interoperability & integration**—Scribbler is complaint with all Syslog standards and protocols and integrates with all SIEM solutions for log ingestion through Syslog.
- **Perpetual validity** and standard 3 years support with FREE upgrades
- **Unlimited log sources and log volume**

IS5 PART #	DESCRIPTION
iRM-iROC-SCR	iROC with Scribbler Log Manager

Scribbler – in a Typical OT/ICS Environment
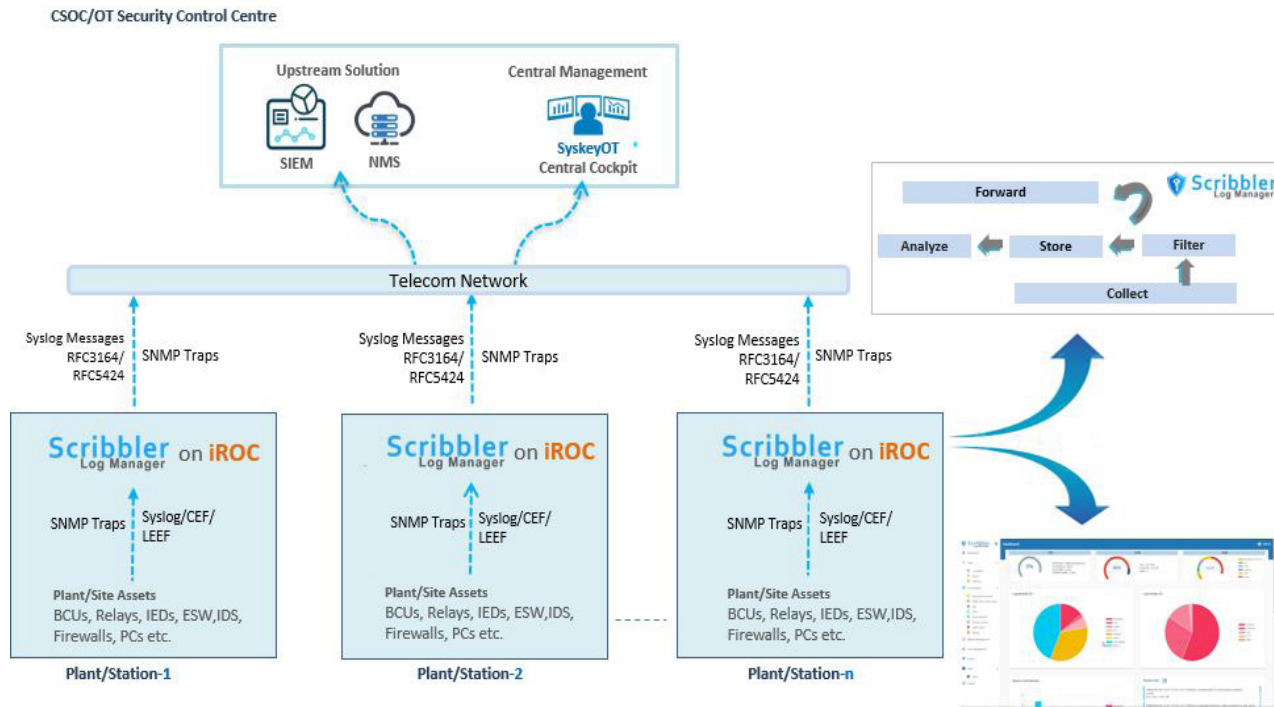
ABOUT SYSKEY SOFTLABS

Syskey Softlabs Pvt Limited is a global provider of cybersecurity software products / solutions for Operation Technology / Industrial Control Systems (OT/ICS) networks. SyskeyOT helps verticals such as energy, water, oil & gas, transportation, and other industrial sectors to meet the growing demands for cybersecurity solutions with highly secure and scalable Centralized Log Management Solution and Asset Inventory Management Solution. SyskeyOT builds competitive advantage with cuttingedge technology, security focused solutions, quality technical support and customer centric products Visit https://syskeysoftlabs.com/ to learn more.

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ABOUT iS5 COMMUNICATIONS INC.

iS5 Communications Inc. ("iS5Com") is a global provider of integrated services and solutions, and manufacturer of intelligent Industrial Ethernet products. Our products are designed to meet the stringent demand requirements of utility sub-stations, roadside transportation, rail, and industrial applications. iS5Com's services and products are key enablers of advanced technology implementation such as the Smart Grid, Intelligent Transportation Systems, Intelligent Oil Field, and Internet of Things. All products have the ability to transmit data efficiently without the loss of any packets under harsh environments and EMI conditions. Visit is5com.com to learn more.

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