



Summary

Keeping up with the ever-changing complexities of cyber security requires expertise beyond your day-to-day business. You need experts who will focus on your security as their only job.

Business Value

Leverage the skills and experience of a seasoned, global team to ensure that you are protecting your enterprise and meeting all regulatory standards. Minimize the risks of lost productivity, threats to safety, and ensure the integrity and performance of your Operation's assets.

Managed Security Services

CHALLENGE

Many companies approach cyber security with a strong technology focus, installing firewalls and advanced IDS/IPS systems to secure their networks. This approach may solve the problem for the short term. But new threats are always surfacing, technology is continually evolving and system health can deteriorate rapidly.

Dedicated resources enforcing strict policies and procedures are necessary to ensure that these and other problems are anticipated and resolved before an actual security attack occurs. This is the only way to keep the process control network secure. However, most companies are challenged to find and fund such resources. Any crack in the armor of resources, policies or expertise will open up their network to the risk of an actual attack even though the company has installed security equipment.



INVENSYS MANAGED SECURITY SERVICES

Invensys has teamed with Integralis, an industry leader in Managed Security Services (MSS), to offer a comprehensive MSS package. The offering is part of the Invensys Cyber Security portfolio, coupling the company's deep process control and IT knowledge with Integralis' security practitioners and technologies and providing a solution specific to the process industries. Supported by Integralis Secure Manage, the offering is extremely effective in preventing security breaches while keeping the overall cost of ownership low.

The service includes:

- **24x7 Monitoring and Alerting** — Monitors vital health signs and operating conditions on the platform and analyzes data continuously so that problems or issues are escalated to the designated customer security contacts quickly and efficiently
- **System Health Monitoring** — Proactively monitors all Cyber Security system hardware to ensure optimum performance and to reduce or prevent outages
- **System Availability Checks** — Facilitates system availability checks which are a fundamental component of the fully managed service. These checks prove that the device is accessible and can be reached from the Internet

- **Alert Management** — Ensure complete and timely communication of various levels of security issues, from performance warnings to the escalation of major breakouts or vulnerabilities
- **Platform Management** — Maintains and manages the day-to-day operations of the security system, performing software updates, configuration changes and configuration backups to keep the system running reliably and securely
- **Policy Management** — Allows a customer to call on the experience of Integralis' operations staff at any time to make configuration changes to security policies. Integralis deploys its extensive network security expertise to validate, design and implement changes to a company's security policy.
- **Remote System Management and Rebuild** — Assures that a catastrophic failure need not mean that communications are impacted for long. Once the hardware replacement has been installed, a remote system rebuild can commence, using the most recent configuration within a matter of hours.
- **Reporting (via a Secure Web Portal)** — Provides a wealth of reporting options via the Secure Web Portal. These reports include information and details about alerts, system availability statistics and graphs, system resource usage and policy modification events. Reporting parameters are flexible and data can be downloaded in CSV format to allow tailored reporting.

The key to effective delivery of these services is the implementation of a comprehensive security infrastructure including:

- **Security Service Appliance (SSA)** — Developed by Integralis and placed at clients' sites alongside the security products under management, the SSA is a vital link in the secure monitoring and management of security systems providing full real-time log file analysis and alert creation. The SSA also provides the platform for secure remote access. An Out-Of-Band connection ensures that the SSA is reachable, even when the primary Internet connection is unavailable. Correlation of events starts at the SSA level ensuring that your bandwidth is not taken up with excess data being sent back to the security management centers for analysis.
- **ISIS** — The security information system, ISIS, has a wealth of standard reporting capability as well as fully configurable business rules for alerting. This allows e-mail and SMS text messages to be sent alerting the user of rule changes and logins and other interesting events based on time of day and type of activity. ISIS offers advanced reporting and event correlation on a wide range of event types, making sure the user is fully aware of any threat to the network at all times.
- **Security Management Centers (SMCs)** — Integralis has centers in three countries: Germany, the United Kingdom and the United States, making it resilient to any single point of failure and providing the experts where clients need them.

BENEFITS

- Designs and implementations tailored specifically for process control networks
- 24/7/365 monitoring of security devices with timely identification and remediation of security vulnerabilities
- Eliminates need for expensive full-time security expertise
- Maximizes reliability and uptime
- Continuous analysis of data to identify existing threats and predict future security challenges
- Enforces policy management and change control
- Skilled security practitioners worldwide
- Reduces workload for the internal staff
- Lower and more predictable cost of ownership



A SAMPLE OF THE SUPPORTED IDS/IPS TECHNOLOGY

- Tipping Point
- IBM ISS
- Juniper
- Cisco
- McAfee
- And *more*

SOME OF THE SUPPORTED FIREWALL TECHNOLOGY

- Checkpoint
 - Nokia
 - Secure Platform
- Cisco
- Juniper
- And *more...*

ABOUT INTEGRALIS

Integralis brings a comprehensive range of Managed Security Services (MSS) that are available worldwide to protect organizations from threats 24 hours a day, seven days a week. Through a network of dedicated security management centers in Germany, the United Kingdom and the United States, the MSS business currently manages over 5,000 contracts in 34 countries, providing an unparalleled worldwide delivery service.

GET MORE WITH INVENSYS

The Invensys Cyber Security Portfolio ensures asset availability, maximizing their utilization to deliver value. These solutions are a key element in the Invensys Asset Performance Management business optimization approach, leveraging state-of-the-art technology, global experience across many industries and a unique methodology to ensure the delivery of effective results for clients around the world.

FOR MORE INFORMATION

Ask your Invensys sales representative how the Invensys Cyber Security Portfolio can improve your plant's asset availability and utilization while driving optimal ROI.



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