

Service Fact Sheet

Cybersecurity and Biometric Services

Protect. Detect. Respond.

Security is a universal and growing concern and every organization, every connected system, is at constant risk. Theft of critical information, destruction of data, and disruption of services are looming dangers involving a widening range of entry points, targets, methods and motives. Security threats can come from inside or outside an organization, from malicious individuals or groups of criminals, and even nation states.

This is no time for complacency. As cyber-attacks grow in diversity, number and severity, the potential losses are escalating as well. Protecting information and critical infrastructure is a duty to your customer as well as to your organization, but maintaining strong security is a daunting task for even the best-resourced organization. While vigilance and expertise are essential, they are all too often beyond the capacity of strained resources. This is especially true for local communications service providers, enterprises and organizations in the utilities, transportation and healthcare markets.

A Collaborative, Trusted Cybersecurity Partner

Organizations seeking to reinforce security in a focused manner without overstressing scarce resources can consult with a cybersecurity solutions provider, but it is essential to choose the right partner. Cybersecurity solutions providers must possess a specific blend of qualifications; appropriate network and infrastructure expertise and experience are critical to protecting both Information and Operational Technology (IT and OT) systems.

Fujitsu offers a comprehensive suite of Cybersecurity Services that enable you to maximize your security investment, supplement in-house resources, and target the most serious threats and risks. As a leader in

Meeting Complex Cybersecurity Challenges

At a time when very few organizations are able to meet recommended security levels for IT and OT networks, Fujitsu can provide the right technology and the right people to help you:

- Understand your security risks and vulnerabilities
- Target security resources effectively
- Discover and correct underlying problems
- Respond decisively when incidents occur
- Avoid introducing new security holes
- Implement employee/user best practices for prevention



Information Communications Technology (ICT) and network solutions, Fujitsu has the multinational presence and expertise you need to overcome cybersecurity challenges that are increasingly sophisticated and global in nature.

A Holistic Approach to Safeguard Critical Systems and Data

Fujitsu Cybersecurity Services encompass networks, servers, storage, software, mobile devices, the Internet of Things (IOT), cloud, and the user population. While it is impossible to guarantee one hundred percent security, we can help you focus your investment in security to get the best possible results. We apply data and human interactions, combined with advanced expertise in both IT and OT systems, to detect, define and analyze the threats facing your organization. Using this holistic view, we help you develop the optimal security plan for your business.

The Fujitsu Cybersecurity Services suite comprises four individual service offerings which can be combined in a custom solution that complements your existing resources:

- Comprehensive Security Assessment
- Network Architecture Review
- Vulnerability Assessment
- Firewall Migration

Full-Service Solutions for Critical Security Challenges

Comprehensive Security Assessment

This service provides a careful examination of your existing security measures and vulnerabilities. Our analysts take into account the current and planned network infrastructure and topology as well as security measures, policies, procedures and regulatory requirements. We follow up with a detailed report, providing specific recommendations for closing gaps and enhancing your security infrastructure, in alignment with industry standards and best practices. A security assessment is tailored to your specific situation and goals, enabling you to target the areas of greatest need.

Network Architecture Review

A security system can only be as strong as its perimeter and ideally, a cybersecurity system is engineered to be hard for attackers to penetrate. Fujitsu can assess this critical aspect of your security architecture and propose a high-level security design. This Network Architecture proposal includes mapping your firewall requirements, Web usage monitoring, email security, and threat protection. The proposed solution gives you a state-of-the-art security perimeter, with enhanced ability to monitor and detect threats, optimized routing of Web traffic between sites, and improved disaster recovery procedures. We also include recommendations for hardware and software configurations, featuring a high-level comparison of solution alternatives.

Vulnerability Assessment

Fujitsu technicians can perform non-destructive, non-intrusive vulnerability scans to probe your network and detect potential weak points, security holes, and improper configuration. Our technicians report on any areas of vulnerability they find, with information about the type(s) of vulnerability and technical details for each device. For identified host vulnerabilities, the report recommends appropriate countermeasures, fixes, patches, and workarounds. Our recommendations align with regulatory requirements and standards such as PCI, ISO, CERT, COBIT and NIST. We maintain a continuously updated threat database and seek out a wide range of vulnerabilities, helping you to guard against emerging threats. Vulnerability Management scans can be scheduled at regular intervals outside of business hours, minimizing disruption to normal business activities.

Full-Service Solutions for your Security Challenges

Fujitsu implements affordable full-service cybersecurity solutions based on a cycle of "protect, detect and respond" to help you overcome your security challenges. Our global security operations centers cover 500+ companies, are staffed by industry-recognized security analysts, and provide 24/7 coverage. We draw upon decades of experience with communications networks, critical ICT infrastructure, and next-generation big data analytics to deliver comprehensive offerings that meet your current and future security requirements.

- Support across the entire network attack surface
- Equal fluency with network, IT and operational systems
- Expertise utilizing people as well as technology
- Active participants in the security and intelligence communities
- Flexible purchasing options—one-time or monthly fees

Biometric as a Service Solutions for your Security Challenges

Passwords can be easily hacked either using software tools or through social engineering methods. Biometric solutions enhance network security by elevating the level of identity assurance in your network. A multi-modal password can use numbers, letters and symbols, none of which are unique. Biometric authentication uses a multi-modal approach consisting of unique identifiers that cannot be replicated. Fujitsu's Biometrics Service provides an entire Biometric solution as a service.

Fujitsu combines a deep understanding of Biometrics with any cloud infrastructure, allowing Biometric capabilities to be deployed quickly and securely. The use of a centralized architecture for the solution means that new Biometrics can be checked against existing Biometrics to reduce fraud, something that isn't possible with Match-on-Device, i.e. Match on Smartphone, style solutions.

Biometrics as a Service: What Fujitsu Offers

Fujitsu's cloud based Biometrics-as-a-Service (BIOaaS) solution – a massively scalable secure solution that is capable of running in a variety of ways:

- Complete Identity Management as a Service
Securely stores all Biometric and Biographic information in the cloud
- Anonymous Biometrics-as-a-Service
No Personally Identifiable Information (PII) leaves the organization
- Anonymous Biometrics Matching Service
All information is stored in-house and only the biometric templates being matched are sent to the cloud.

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