



# Security

Fujitsu helps organizations to manage their information security and continuity risks effectively, in line with their business strategy, providing flexibility in the way they work and enabling secure and resilient business. Fujitsu offers a full range of security services backed by our own security products and solutions such as the biometric identity and access management solution Fujitsu PalmSecure.



## Services

### Cyber Security Services

Digital transformation can give businesses a competitive edge. IT can also potentially expose them to new cyber threats. So how do you allow your organization to thrive while keeping it secure? Cloud computing, Internet of Things, and software-defined networking, among others, have ushered in a new era of IT. These new threats call for new ideas and approaches in Cyber Security. Businesses need to adopt a whole lifecycle approach to how they deal with security. To keep up with the aggressive pace of change within an ever changing digital world and to counter the ever expanding threat landscape businesses need to continually evolve their information security capabilities.

By answering your information security requirements with both our local and global Security Operation Centers, we offer Cyber Security tailored to your business and based on our experience in highly secure environments of more than 40 years. Fujitsu provides guidance on the most appropriate security controls to protect organizations, ongoing management of Cyber Security capabilities on behalf of customers and undertakes 24/7 security monitoring from its global Security Operations Centers (SOC).

Fujitsu provides Cyber Threat Intelligence and Threat Response services to proactively mitigate against threats as well as providing timely and expert response services to mitigate the impact of Cyber Security incidents to our customers. As a global Cyber Security and service integrator, Fujitsu provides Cyber Security and resiliency consultancy services across the full delivery lifecycle delivered with the expertise and experience gained from years of security and service integration.

Fujitsu Cyber Security Services provide essential security capabilities to our clients, supporting their drive to protect information assets in the face of emerging strategic and operational business challenges. We are a critical component of our clients' approach to their regulatory and legislative demands, assisting them in managing their information security risks flexibly and effectively.

- **Fujitsu Managed Security Services** take responsibility for the ongoing management of specific security capabilities on behalf of customers. We use market leading Cyber Security products and expert professional services to support the assessment of risk, define requirements, provide technical and service design and architecture, as well as ensuring effective deployment and operation of the Managed Security Service. All our services give customers the 24x7x365 cover needed to protect their business.
- **Fujitsu has its own intelligent Security Operations Centers.** Our analysts and engineers have access to the Fujitsu Threat Intelligence toolset and platform – based on many man years of expertise and experience, with an attacker's mind's eye to think like a perpetrator and thwart their intentions.
- **Fujitsu Security Professional Services** serve as trusted advisors to customers – offering independent advice and expertise to help address their challenges. Our team consists of Cyber Security specialists, Business Continuity and Identity and Access management experts to provide advice to both public and private sector clients. We also have one of the largest practices of accredited specialists to provide advice to public sector clients. Our professional services can be tailored to meet specific requirements.

## Solutions

### Business and Technology Solutions

#### ■ Security Solutions

##### ■ FUJITSU Biometric Authentication Solutions – based on PalmSecure technology.

We provide high reliability and security for a wide range of applications and market segments. This hygienic, contact-less technology uses unique vascular patterns as highly secure personal identification data, increasing user safety and comfort. PalmSecure ID Match is a two-factor authentication matching biometric palm vein authentication with ID Cards or PIN codes. This biometric device can perform the biometric matching directly on device providing the result to an application using network interface. It also is available to be integrated into financial transaction services as POS device using a SDK. It is compliant to EMVCO and PCI standards.

The PalmSecure ID Access device is a biometric physical access terminal which can perform time and attendance processes. It is an off-the-shelf solution. Integration into an existing building security infrastructure can be done easily as it supports WIEGAND 26/34 protocols. In addition it supports multi factor recognition like combining the palm vein biometric templates with pin or smart cards. Fujitsu PalmSecure ID Login software offers a higher biometric security level for Windows log on using PalmSecure sensors. These can be either external PalmSecure sensors or sensors which are

integrated into notebooks, thin clients, desktop PCs or into keyboards. ID Login provides the integration into Microsoft Windows using its active directory. PalmSecure ID Mobile has been designed to use biometric authentication with a smart phone as a second factor. Palm vein templates will be registered on the PalmSecure ID Match device, which then stores them on the mobile phone. Using an App on the smart phone the biometric palm vein templates will be transferred via a wireless connection to the point of biometric palm vein recognition.

Together with leading partners we open the field for biometric authentication into new application landscapes. Examples are:

- valantic bioLock™ for use with SAP® ERP, powered by Fujitsu PalmSecure™, enables the monitoring and controlling of a SAP System by biometric recognition with customizable security check-points based on management policies and business rules on a user-by-user basis during SAP operations.
- BioSec solutions, based on Fujitsu PalmSecure, allows the biometric identification of large numbers of visitors at sports stadiums, it prevents that unauthorized people can access the stadium, ensures that the visitors can only access the sector they are permitted to enter and prevents that stolen or found tickets can be used by other people.