



# Cyber security and protection



Delivering cyber security protection that enables secure network connectivity to support your users, anytime anywhere.

## Taking control of your cyber security future

In this digital age, managing cyber security is a perpetual challenge. Evermore sophisticated and evolving threats, along with an increasing number of devices connecting to the internet makes the task of evaluating and managing your security risks increasingly testing. Budgetary constraints add to the challenge, which is exacerbated further in Defence & National Security where breaches of IT security can have significant consequences.

The increasing sophistication and frequency of cyber attacks is also driving the need for new skills on a continual basis, meaning 'secure by design' has become 'secure by default'. Furthermore, organisations that form part of a supply chain are increasingly asked to demonstrate robust cyber security procedures.

So, having the right measures in place can become a source of competitive advantage. But just how vulnerable is your current IT infrastructure? And is your investment in security controls as effective as it could be?



## Fujitsu Cyber Security Solutions portfolio:

- Secure network connectivity
- Secure cross domain gateway solutions
- Threat and vulnerability management
- Identity and access management
- Data protection and privacy
- Infrastructure protection
- Cyber strategy and risk services
- Continuity and resilience.

## Secure network connectivity

Providing your stakeholders with highly secure yet flexible access to the vital information they require to operate effectively is an absolute necessity in the digital age. The capability to share information, and collaborate with colleagues and partners, regardless of location, is critical. To deliver this, your core network needs to adapt to the latest technologies. It must allow seamless integration with other systems across multiple domains. And above all, it must be highly resilient and secure if it's to improve the efficiency and effectiveness of your operations.

This means continuous monitoring to understand the current security posture against the threats of today and tomorrow. This ongoing monitoring and intelligence gathering is pivotal to the cycle of staying ahead of threats and keeping the organisation operational and able to achieve its aims. Fujitsu offer threat and vulnerability management solutions to provide clear visibility of the risks facing an organisation allowing them to pro-actively enhance defences.

### Fujitsu provides:

- 24x7x365 support
- Industry best practice
- Highly secured Sovereign Network Operations Centre (SNOC)
- Real-time tracking and monitoring of the entire network
- Rapid response and exploitation of service incidents.

## Why choose Fujitsu?



Our unique approach sees us adopt the role of secure network integrator



Delivery approach is underpinned by our service support operation that is based on industry best practice



Flexibility and agility are in-built, allowing you to exploit future advances in technology



Built-in resilience is provided by a complete replica facility that is fully resourced for back-up, should the need arise



Faster changes and upgrades, improves productivity and end-user satisfaction

## At the heart of the military network

Fujitsu's integrated network solution is designed to support both the current and emerging demands of the Defence & National Security sector, not only putting it at the heart of the military network but also delivering significant benefits across the Defence sector.

Fujitsu provides vital 24x7 IT support to over 200,000 MOD users, wherever they maybe - in offices, on ships or on the battlefield, anywhere in the world.

## Secure cross domain gateway solutions

Security threats to an organisation's ICT infrastructure continue to evolve and become ever more sophisticated. With this evolving threat comes increased risk. This is especially the case for the Defence & National Security sector where the consequences of a security breach are exacerbated. Information exchange is key to improved productivity, efficient and accurate decision-making and effective collaboration. So, ensuring the right level of security is achieved and maintained to protect sensitive data, while enabling your people to work effectively, and provide access to the required information sources is a tricky conundrum.

Fujitsu's team of experienced security architects will work with you to evaluate and assess the threats and associated levels of risk that your organisation is exposed to. Once this detailed evaluation has taken place, our subject matter experts will enable your teams to understand the gateway options that will enable you to counter this threat and reduce disruption, both at home and abroad.

### Fujitsu provides:

- Team of experienced security architects
- Advanced firewall functionality including advanced cyber attack and malware protection
- More secure Internet browsing
- Reduction in unnecessary overheads, reducing costs
- Continual market evaluation and vendor agnostic approach.

## Why choose Fujitsu?



The Fujitsu Gateways Discovery Service ensures secure, efficient and affordable collaboration with allies and partners is an achievable target



Enhanced cyber security and assurance for users



Scalable solution for deployment across large enterprises, allowing all staff a more secure Internet browsing experience



Vital business information can be exchanged between networks without any attacks or leaks crossing the boundary



Users can copy and paste information between low and high trust environments, reducing requirement for swivel chair information exchange

As a leading systems integrator, Fujitsu is experienced in designing and delivering cross domain gateway solutions specifically tailored for the rigours demanded of Defence & National Security organisations. The Fujitsu Gateways Discovery Service can ensure that secure, efficient and affordable collaboration with allies and partners is an achievable target.

## Threat and vulnerability management

Cyber threats have become a constant and organisations must remain vigilant to the threats that exist outside of their environment and the vulnerabilities that could potentially be exploited inside their network.

This means continuous monitoring to understand the current security posture against the threats of today and tomorrow. This ongoing monitoring and intelligence gathering is pivotal to the cycle of staying ahead of threats and keeping the organisation operational and able to achieve its aims. Fujitsu offer threat and vulnerability management solutions to provide clear visibility of the risks facing an organisation allowing them to pro-actively enhance defences.

### Fujitsu provides:

- Cyber Threat Intelligence (CTI) / threat response
- Cloud enablement
- Security Information and Event Management (SIEM) / SIEMaaS
- Threat hunting and threat analytics
- User Behaviour Analytics (UBA) services
- Security Orchestration Automation and Response (SOAR)
- Vulnerability intelligence
- Vulnerability management
- Vulnerability scanning.

## Why choose Fujitsu?



Continual development of our advanced threat centres



Global and integrated threat intelligence capability



Proven transition methodology, used in >1,000 global deployments, delivers rapid value



Significant research investment



Advanced threat hunting capability delivers actionable intelligence



Experienced, diverse and pedigreed analyst team with commercial, military and policing backgrounds

Fujitsu's threat and vulnerability management services are helping customers across the utilities, retail, transport and public sectors to monitor and understand the latest threats, providing insightful context and visibility of current threats and vulnerabilities to allow customers to determine the best way to deal with attacks and breaches, and maintain a good security posture.

## Identity and access management

Protecting the identity of staff and customers is crucial to keeping data, systems and the organisation safe, but it is not easy to do when the threats can come from internal sources, whether that be malicious or not, and from external sources. For simplicity many organisations limit their users to very basic user rights in order to stop unauthorised access to sensitive data and systems but this can limit the effectiveness of users trying to do the right things and reduces productivity.

Managing the user lifecycle (joiners, movers, leavers) is not only a time consuming task, but is also prone to human error, often leading to excessive rights to data. Excessive rights increases the risk to data from malicious activities such as malware, ransomware and unauthorised access to sensitive information.

Applying Roles Based Access Controls (RBAC) and enforcing Service Integration and Management (SIAM) processes is made possible through the use of Identity and Access Management (IDaM) and Privileged Access Management (PAM) technologies.

Fujitsu's IDaM and PAM services help customers define and design the right solutions to keep data, identities and services protected whilst maintaining optimum operational efficiencies.

### Fujitsu provides:

- Authentication
- Authorisation and access control
- Cloud identity integration
- Federation and Single Sign-on (SSO)
- Identity governance
- Identity management
- Identity strategy
- Privileged account management
- Public Key Infrastructure (PKI).

## Why choose Fujitsu?



Deep experience providing Identity-as-a-Service solutions



EMEA-based identity centre of excellence



Industry-recognised provider of managed security services



Strong strategic partnerships with industry leading Identity vendors



Long heritage providing identity solutions



Proven consulting methodologies

Fujitsu's services have already helped organisations across the Utilities, Retail and Public sectors to meet the increasing challenges of Identity and Security in a cloud-connected environment. These services enhance business agility and provide the assurance required to evidence compliance with regulations such as the payment card industry data security standards (PCI) and general data protection regulation (GDPR).

## Data protection and privacy

Data protection is a hot topic for boards, business leaders and IT teams alike. But it's not just about proving compliance. Individuals want to know that they can trust your organisation to effectively manage and protect their personal data.

Our data protection services not only help prepare your organisation for statutory compliance, but ensure you can continue to protect personal data into the future.

We pro-actively engage with customers to develop ICT application and infrastructure strategies in relation to their data privacy and governance requirements in order to make sure their technology, people and processes work in harmony to build customer trust.

### Fujitsu provides:

- Cloud Access Security Broker (CASB)
- Data Loss Prevention (DLP)
- Data protection services
- Encryption services
- GDPR maturity assessments
- Security incident and event monitoring.

## Why choose Fujitsu?



Certified Privacy Professionals  
(CIPPE, CIPM & CIPT)



Rapid data discovery, mapping and  
classification capability



Easily tailored privacy target  
operating model and data  
protection policy framework



Proven privacy-by-design framework



Integrated approach to protecting  
data in motion, in use and at rest



Data-centric cloud security approach

Fujitsu's data protection and privacy services already help customers across the finance and public sectors to keep their most valuable assets safe, protecting their reputation and building customer trust.

## Infrastructure protection

Today we operate in an environment that is constantly threatened by cyber-attacks. Increasingly attackers are now performing multi-stage incursions that exploit vulnerabilities, social engineering, data-theft and spear-phishing techniques to create a persistent threat that is advanced, zero-day, and targeted.

Detecting and containing advanced threats requires a co-ordinated approach that utilises multi-layer countermeasure solutions to create a unified, proactive and vigilant approach that provides security controls at all levels across an entire infrastructure. Visibility across your infrastructure is key to preventing, detecting and containing a security threat. Without complete visibility, harmful threats are left unchallenged leaving organisations exposed.

### Fujitsu provides:

- Advanced Threat Detection (ATD) sandbox solutions
- Endpoint Detection and Response (EDR) / Extended Detection and Response (XDR)
- Endpoint protection
- Intrusion Detection Solutions (IDS) / Intrusion Prevention Solutions (IPS)
- Operational Technology (OT) management services
- Network security policy management
- Next Generation Antivirus (NGAV)
- Unified Threat Management (UTM) solutions
- Virtual Private Networks (VPN) / Remote Access Services (RAS)
- Web Application Firewalls (WAF).

## Why choose Fujitsu?



Centralised detection and containment of malicious content and attacks



Proven experience in delivering prevention-focused architectures



Technology agnostic, cost-effective, and integrated solutions



End-to-End threat visibility and mitigation capability



Flexible, multi-feature solutions delivered native, cloud, on-premise or as hybrid deployments



Continuous monitoring for malicious or suspicious activity

Fujitsu's infrastructure protection services are based on the experience of securely deploying systems in the most stringent of environments for over 40 years, and allow customers to boost their service levels and improve efficiency. Our services have already been delivered in organisations across the Utilities, Retail and Public sectors. We've also helped large customers in the Financial Services industry and Public Sector, across the world, to successfully implement endpoint protection solutions and keep their perimeter safe.

## Cyber strategy and risk services

Every industry, customer and environment is unique and so Fujitsu provide expert cyber strategy and risk services to deliver tailored, comprehensive insight for the specific needs of an organisation.

Our independent service provides actionable insights based on proven methodologies, and delivered by expert consultants with extensive industry experience, to help customers determine and manage risks effectively for their organisation.

### Fujitsu provides:

- Compromise and threat assessments
- Cyber security strategy and leadership
- Cyber threat response services
- Incident response maturity assessment services
- Information security maturity assessments
- Information security risk management frameworks
- Managing the risk of malicious insiders
- Operational Technology (OT) security consulting and management services
- Platform security reviews
- Security policy and governance development
- Security risk assessment services.

## Why choose Fujitsu?



Certified cyber risk professionals



Robust and proven enterprise risk frameworks



Rapid asset discovery and risk assessment



Advanced threat intelligence capability



Insider threat reporting



Leading incident response service

Fujitsu's cyber strategy and risk services have helped customers in the Facilities Management, Telecoms and Public Sectors to determine and manage cyber security risks effectively for their organisation.

Organisations have benefited from independent information and industry-leading expertise to provide relevant advice relating to business and technical requirements and been able to develop their strategies and priorities with greater confidence.

## Continuity and resilience

Business continuity is more than just the recovery of ICT, applications and infrastructure. Every organisation needs to understand the impact of a major incident, how it can impact employees and customers, and be ready to deal with implications of disruption from a people, process and technological perspective. Cyber resilience in the face of a ransomware attack is a strategy every business needs to be adopting.

Fujitsu can help protect the operations and reputation of your organisation by helping you understand the critical activities, determine an appropriate strategy and implement a known response should such an incident occur.

### Fujitsu provides:

- Business continuity health check
- Business impact analysis
- Continuity and resilience strategy
- Continuity and resilience programmes
- Cyber resilience consulting
- Data centre threat assessment
- ICT continuity assessment
- ICT continuity health check
- Tests and exercises.

## Why choose Fujitsu?



Industry recognised BCI certified consultants and fellows



ISO 22301 certification in UK & Ireland



Rapid impact assessment and risk assessment approach



Full operational resilience framework



World-class incident response and emergency response capability



Extensive experience designing, building and operating DR architectures

Fujitsu has helped customers from across the Utilities and Financial Services industries, as well as the Public Sector to strengthen their resilience in the face of ever increasing cyber threats.

## Secure by design, together

All of our solutions for Defence and National Security have been designed and built with security at their heart. Fujitsu has a deep understanding of the National Cyber Security Centre (NCSC) guidance on implementing secure solutions, following the NCSC principles and patterns. The result is that all of our solutions have full cybersecurity capabilities built into their core.

We have longstanding relationships with vendors across the globe, in many cases our partnerships span decades. This depth of understanding with our partners enables us to leverage the latest insight into the cyber security arena. We have a vendor agnostic approach to delivering services, enabling our customers to have a service designed to meet their needs in a rapidly changing threat landscape.



## Securely working in the cloud

Fujitsu also work with technology partners to provide cyber security services in a cloud-agnostic way to ensure consistent application of your security controls, policies and enhance visibility across your environment.



To learn more about how Fujitsu can help keep your organisation safe and prepared visit [www.fujitsu.com/global/services/security](http://www.fujitsu.com/global/services/security).



## Why Fujitsu in Defence & National Security?

Our world is being disrupted. But together with you, Fujitsu's ambition is to build a brighter, more sustainable future for us all.

We want to work together to navigate this digital disruption collaboratively, and explore solutions to the evolving threats we face today. Together, we can exploit technology that will drive high-impact improvement, transform our digital future, and help to make us more sustainable in every way.

We can do this by harnessing technologies such as AI, machine learning, digital twin, quantum, and high-performance computing. Our vision uses the power of everyone, bringing together our integration capabilities and knowledge in managed services with cognitive and advanced technologies that will drive your digital transformation. By elevating people higher up the value chain allows the smartest ideas to emerge to tackle tomorrow's big challenges today – whatever they may be.

With our technological inspiration and business vision from Japan, we touch the lives of millions of people around the world every day. For over 60 years, we've been working at the highest levels of security demanded by militaries, governments, and industry to ensure the UK's most critical infrastructure operates smoothly, 24/7.

We've continually had to adapt to a changing world, and we will keep evolving in the face of future threats. We are diverse, creative, talented, and different. And we are committed to building new possibilities for everyone. By connecting people, technology and ideas, we are making the world more sustainable by building trust in society through innovation.

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