

Security Solutions

Overview



Security Solutions

Business relies on IT, so as a business evolves, so do the demands made on IT to enable new ways of working, driving collaboration and ensuring continuous availability. This, coupled with a constantly evolving security threat landscape, increased pressure around compliance and the potentially devastating impact of a security breach, means that today, business doesn't just rely on IT, it's dependant on secure IT.

Compliance, threat management and data loss prevention are major drivers and challenges for most organisations today. Additionally, business enabling technologies such as wireless and mobility, virtualisation and third party connections also pose potential security challenges that need to be addressed.

By engaging with Dimension Data, you can draw on the skills and experience of security experts who understand that security has to support – not hold back – the aspirations of your business. We deliver a full suite of lifecycle security services including design, architecture, support and management.

Challenges

Governance, risk and compliance

As a core business asset, corporate data and its supporting IT infrastructure require appropriate IT governance. In fact, IT governance should form part of your overarching corporate governance programme, and incorporate risk management and compliance requirements.

While most organisations understand the importance of ensuring that data is treated with confidentiality, integrity and prescribed availability, IT security and compliance remains one of the most challenging organisational disciplines to comprehend, implement and maintain. Without an information security regime tailored to corporate governance requirements, many businesses are unaware of their risk exposure and are unwittingly leaving themselves open to financial, reputational and operational damage.

How can Dimension Data help?

Dimension Data's Governance, Risk and Compliance Assessment provides you with an overview of the risks associated with your IT environment through a combination of a vulnerability scan and a workshop based on a selection of ISO 27001 standard questions.

The results from the scan and workshop are analysed against four risk indices – confidentiality, integrity, availability and audit – to determine your residual risk and current maturity level.

The baseline is used to model an ideal set of procedural, technical and policy controls to bring your organisation to its desired state of risk and to build a strategy for practical, cost effective and measurable improvements.

Threat management

Only once you have a clear and thorough understanding of your existing security posture, vulnerabilities and risk tolerance can effective threat management be achieved. A multi-layered approach will help you to identify threats, align corporate resources to address security shortcomings, simplify management, increase visibility and plan for evolving threats through a well-designed security strategy.

By engaging with Dimension Data, you can draw on the **skills** and **experience** of security experts who understand that security has to **support – not hold back** – the aspirations of your business.



Dimension Data offers an **effective solution** to the data loss issues that the modern organisation faces.

How can Dimension Data help?

Dimension Data has a range of Vulnerability Assessment Services to determine your risk profile, whether you need to gauge your security posture against a defined security standard or gain visibility of vulnerabilities that could be exploited by hackers. Our offerings include: External Penetration Testing, Internal Penetration Testing, Application Penetration Testing and Wireless Penetration Testing.

Simplifying management and increasing the visibility of attack vectors is critical responding swiftly to and limiting the consequences of any attack. You will be better informed to invest in the optimal mix of people, processes and technology to keep your business secured, now and in the future.

Data loss / leakage prevention (DLP)

Whether it's confidential client data, internal financial details, product or marketing strategies or developed intellectual property, the consequences of the loss of company data can be dire. These include punitive fines, financial loss, brand equity damage and a drop in share price. Considering the proliferation of data

and the myriad of locations in which it resides, the potential for data loss is now more extensive and complex than ever before.

Data loss prevention (DLP) is data-centric and includes IT technologies, processes, policies, and people. However, it does not represent a new revolutionary concept that disrupts existing business models or

IT plans. Instead, it is a combination of existing solutions built around all data loss vectors. While DLP isn't a new concept, a constantly evolving IT and security environment necessitates new, proactive ways of thinking if effective data loss prevention is to be maintained.

How can Dimension Data help?

Dimension Data offers solutions to the data loss issues that modern organisations face. Our approach employs a DLP Assessment, which gives you visibility into how your sensitive data enters, traverses and leaves your network. Using these insights, we can provide you with a solution set that combines advanced technologies with relevant policies and professional services, to ensure you are able to understand – and prevent – any abuse of your information flows.

Security Solutions

Evolving technology

New technologies such as virtualisation, wireless and mobility and visual communications promise an exciting range of business benefits, including increased productivity, improved collaboration, capex and opex cost savings, simplified management and support, and enhanced sustainability credentials. In order to realise the benefits that new technology and business models offer – without compromising your organisation's security – you need to consider the impact that such initiatives have on your security environment and threat landscape.

Dimension Data offers a range of tools and tests that provide you with a comprehensive security review. Our approach takes into account your existing IT infrastructure as well as evolving technology initiatives and includes a measured analysis of existing threats and vulnerabilities and their impact on your network. By undertaking a gap analysis we can ascertain your current security capabilities and how they need to evolve to support your business going forward.

Dimension Data's Secure Virtual Infrastructure Assessment assists you to proactively identify key security vulnerabilities across your business, identify root causes and initiate remediation projects. In addition to the range of information collated through the assessment process, Dimension Data performs vulnerability and penetration testing and employs industry best practice to enable secure virtualisation deployments.

We also have a range of services and solutions that are specifically tailored to securing mobility in the workplace. These include audits to identify remote workers and the devices they are using, risk analysis and the development of a mobile policy to mitigate the risks associated with mobile working.

Our approach

We are able to support you through the process of managing your IT security risks from conception to implementation and beyond. Dimension Data prefers to take a consultative, client specific approach which enables us to deliver tailored, customised solutions that facilitate a pre-emptive, rather than reactive, approach to risk management.

We believe that the most effective way to engage with our clients is through a cyclical approach, which enables us to support organisations at any stage of their security journey.

Offerings

Governance, Risk and Compliance Assessment

Our Governance, Risk and Compliance Assessment identifies and prioritises areas where security needs to be improved, and combines a vulnerability scan with an international industry security best practices workshop. The assessment provides your organisation with a clear snapshot of your security position and serves as a benchmark against industry peers, and for measurable improvement.

Vulnerability Assessment Services

We have a range of Vulnerability Assessment Services to determine your organisation's risk profile, whether you need to gauge your security posture against a defined security standard or gain visibility of vulnerabilities could be exploited by hackers. Our offerings include: External Penetration Testing, Internal Penetration Testing, Application Penetration Testing and Wireless Penetration Testing.

DLP Assessment

Our DLP Assessment provides organisations with visibility into how their sensitive data enters, traverses and leaves the corporate network.

Payment Card Industry (PCI) Readiness Assessment

This assessment helps you navigate through the maze of PCI Data Security Standards (DSS) and translate them into an appropriate security architecture for your organisation.

Firewall Assessment Service

Conducted over several days, this assessment helps your organisation understand, measure and remediate risks in your firewall estate. It includes reviews of firewall architecture, firewall policy and compliance, firewall threat performance and firewall change management.

Dimension Data also offers a range of services and solutions that are **specifically tailored** to securing mobility in the workplace.

Secure IP Telephony Assessment

The objective of this assessment is to identify potential weaknesses, which may lead to toll fraud, denial of service, eavesdropping on telephone calls and unauthorised access to voice mail systems within your IP telephony environment.

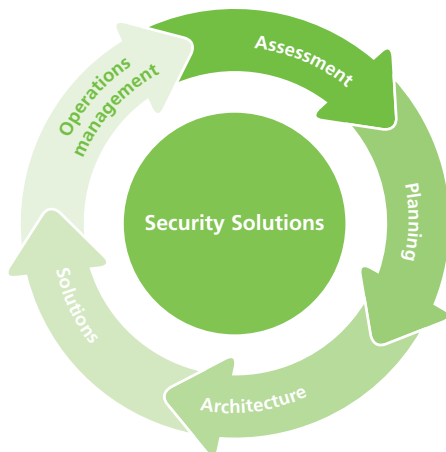
Secure Virtual Infrastructure Assessment

Security in a virtualised world can place new demands on your IT team. This assessment is implemented at different stages in the development of a virtualised infrastructure, so security is built-in, rather than bolted on.

Managed Secure Infrastructure Services

Our Managed Secure Infrastructure Services help you with the operational management of your security infrastructure. These services apply industry best practice to security infrastructure management and draw on a number of guidelines including ITIL, NIST and ISO 27001, as well as documented vendor guidelines. The services can be used to augment existing in-house security capabilities to manage, for example, firewall, IPS, proxy and UTM estates – or alternatively to deliver fully-outsourced security operations management for your organisation.

Security Solutions



- In the **Assessment** phase we assist organisations in identifying risk within different parts of their IT environment
- In the **Planning** phase we work with clients to develop a plan to address their areas of risks that were uncovered or explored in the Assessment phase
- In the **Architecture** phase we complete – if necessary – a redesign of the security infrastructure to optimally support the organisation’s security objectives
- In the **Solutions** phase the most suitable security technologies are deployed to meet the organization’s current and future security needs
- In the **Operations Management** phase we provide ongoing maintenance for the deployed technologies, assisting our clients in determining whether to outsource the management of some, or all of their security environment



Security Solutions

Maintenance and Support Services

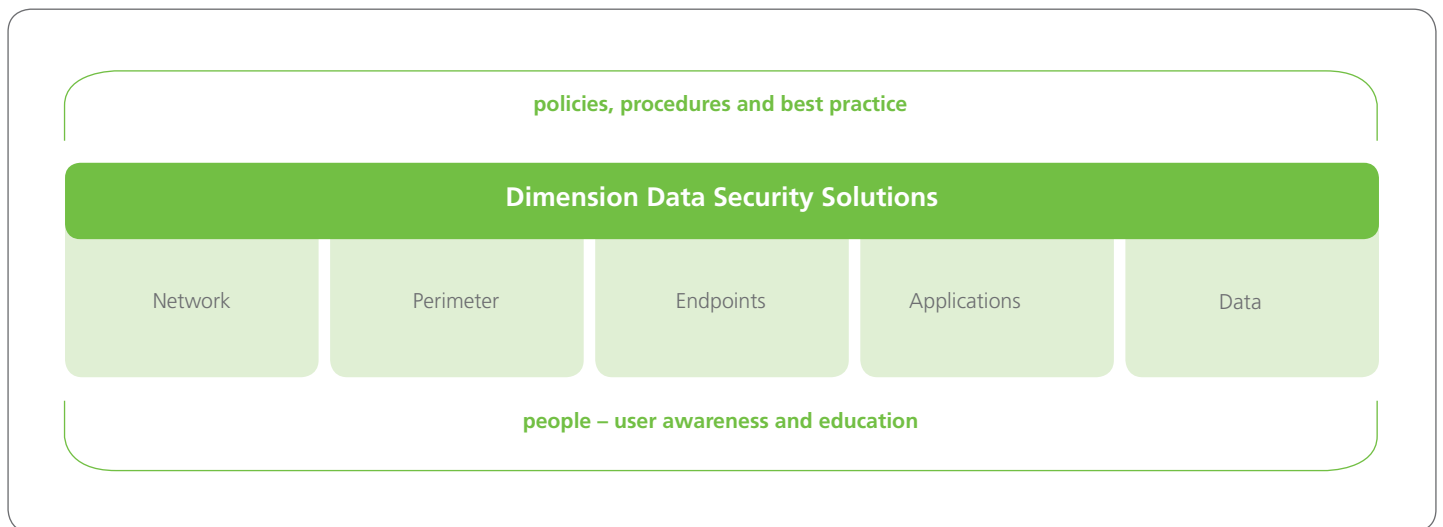
One of Dimension Data's key differentiators is our ability to assist you through the entire lifecycle of a project – from planning, building to managing and maintaining your secure infrastructure. We provide a value-added IT security maintenance programme for networks and systems, which supports a multi-vendor environment for security. Our support is delivered by Global Service Centres which are manned 24x7 by teams of technical experts. Service Level Agreements ensure less downtime, faster restoration and reduced overheads.

Secure Infrastructure Framework

Our Secure Infrastructure Framework is a model for our view on security solutions. The classic security defence model focused on defending the 'trusted' internal network from the 'enemy' outside won't work for today's corporate network. Its vulnerability extends to any number of sources – friendly (mobile and remote workers, business partners, clients) and malicious (viruses, hackers, corporate espionage and sabotage). To address this, IT security needs to take into account all components of the IT infrastructure – network, perimeter, applications, endpoints and data – as well as the people and processes involved.

Dimension Data uses our in-depth knowledge of the converged network and all its vulnerabilities, opportunities and challenges, to plan, build, support and manage a secure infrastructure – one that is secure and adaptable enough to support your business applications, core network and information, both today and in the future

One of Dimension Data's key differentiators is our ability to **assist you** through the **entire lifecycle of a project** – from planning, building to managing and maintaining your secure infrastructure.





Dimension Data provides security solutions for the entire IT infrastructure.

Why Dimension Data?

Deep understanding of the global security landscape

Dimension Data provides security solutions for the entire IT infrastructure. Our security experts have been designing, deploying, integrating and supporting security technology for over 15 years. Our expertise ranges from technical engineers and security consultants, to BSI lead auditors. Certifications include CISSP, CCSA, CCSE, RSA and SANS GIAC.

Extensive partner relationships

Dimension Data has carefully selected key global security partners on the basis of their strengths in individual niches. Our global strategic partners for security solutions are Cisco/IronPort, McAfee, Blue Coat, Fortinet, Check Point and RSA.

MIDDLE EAST & AFRICA

ALGERIA • ANGOLA
BOTSWANA • GHANA • KENYA
MOROCCO • NAMIBIA • NIGERIA
SAUDI ARABIA • SOUTH AFRICA
TANZANIA • UGANDA
UNITED ARAB EMIRATES

ASIA

CHINA • HONG KONG
INDIA • INDONESIA • JAPAN
KOREA • MALAYSIA
NEW ZEALAND • PHILIPPINES
SINGAPORE • TAIWAN
THAILAND • VIETNAM

AUSTRALIA

AUSTRALIAN CAPITAL TERRITORY
NEW SOUTH WALES • QUEENSLAND
SOUTH AUSTRALIA • VICTORIA
WESTERN AUSTRALIA

EUROPE

BELGIUM • CZECH REPUBLIC
FRANCE • GERMANY
ITALY • LUXEMBOURG
NETHERLANDS • SPAIN
SWITZERLAND • UNITED KINGDOM

AMERICAS

BRAZIL • CANADA • CHILE
MEXICO • UNITED STATES