Security solutions
Overview

Today’s enterprise faces multiple challenges – innovation in a competitive market, the pressure to show return on investment, securing the enterprise against new and evolving threats, as well as addressing dynamic regulatory and compliance challenges.

The traditional method of securing the network is still required but with data being the most crucial asset for any enterprise, the security model needs to evolve and change.

Driving many of these changes are four key areas: regulatory compliance, threat management, data loss protection and virtualisation. Our clients are focusing on these areas to drive their business to perform better financially, save cost and fully utilise the promise of new computing platforms.

By adopting security from inception through to deployment, we help our clients build a more secure business.

Our approach to security

Dimension Data’s key differentiator is our ability to support organisations through the process of managing IT security risks – from conception to completion and beyond. Born of a combination of our extensive experience and expertise, as well as our adherence to industry best practice, Dimension Data prefers to take a consultative, client-specific approach that precedes the technology implementation, allowing for tailored solutions that enable a pre-emptive rather than reactive approach to risk management.

We are committed to offering our clients industry-leading consultative services that ensure their individual business objectives and requirements will be entirely supported by their security infrastructure and technology implementation. Our experience has shown us that the most effective way to engage with our clients is by adopting a life cycle approach, whereby we can support our clients at any and/or all stages of their security development.
In the Advisory and assurance phase, Dimension Data’s highly-skilled consultants assist our clients in identifying risk by employing a range of assessment services.

In the Planning phase, we work with our clients to develop a plan to address the identified areas of risk.

In the Architecture phase, we assist our clients to redesign systems to optimally support their organisation’s security objectives.

In the Solutions phase, the most suitable security technologies are deployed to meet our clients’ security requirements.

In the Operations management phase, we provide on-going maintenance, remote management and multisourcing requirements for our clients for the deployed technologies.

In order to implement security solutions, our clients need a security integrator that can deal with multiple vendors across multiple disciplines. Dimension Data has carefully selected strategic global security partners based on their excellence in individual niches and the fact that, when combined, they provide unrivalled coverage of IT security solutions.

**Governance, Risk and Compliance**

IT has become a primary business process enabler and key supporting element that underpins the majority of business functions. As a core business asset, information (data) and its supporting IT infrastructure requires appropriate IT governance aligned to the overall corporate governance model.

While most organisations understand the importance of ensuring that data is treated with confidentiality, integrity and prescribed availability, IT security and compliance remain 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 simply unaware of their risk exposure and could be leaving themselves open to financial, reputational and operational damage.

**How can we help?**

Dimension Data’s Governance, Risk and Compliance assessment delivers a snapshot of overall risk in an IT environment through a combination of a vulnerability scan and workshop based on a selection of ISO 27001/2 compliance questions.

The results from the scan and workshop are combined and analysed against four risk indices - Confidentiality, Integrity, Availability and Audit - to determine the organisation’s residual risk and current maturity level.

The baseline is then used to model an ideal set of procedural techniques and policy controls to bring the organisation to their desired state (in terms of risk) and build a strategy for practical, cost-effective and measurable improvements.
Threat management

Know your vulnerabilities and manage your threats. We believe that effective threat management can only be executed once there is a clear and in-depth understanding of the existing security posture, vulnerabilities and risk tolerance. Once the intricacies of an organisation’s individual “threatscape” have been mapped out, then the most suitable technologies can be implemented to provide multiple layers of defence. This multi-layered approach will help determine threats, align corporate resources to address security shortcomings, simplify management, increase visibility and plan for evolving threats through a well-designed security strategy.

How can we 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 obtain a high-level view of where hackers may exploit vulnerabilities. Depending on the maturity of the organisation’s IT risk management approach, the assessment phase could start with a risk assessment or a gap analysis. It may also be more specifically focused on an area of risk, involving a network or application vulnerability assessment, requirements analysis or other consultative investigation.

Our offerings also include: External Penetration Testing, Internal Penetration Testing, Application Penetration Testing and Wireless Penetration Testing.

Simplifying management and increasing visibility on attack vectors is crucial for your organisation’s ability to respond in the first hours and limit the consequence of any attack. By providing service level agreement (SLA) management, Dimension Data assumes the responsibility of managing networks and systems, which reduces the risk of misconfiguration.

Our managed secure infrastructure service also increases visibility significantly. Through our business advisory and assurance services, Dimension Data offers you a comprehensive security strategy that encompasses all the key elements. So, you are better informed on investing in the optimal mix of people, processes and technology to keep your business secured, now and in the future.

Data loss prevention

Data assets are the lifeblood of an organisation. Whether it’s confidential client data, internal financial details, product or marketing strategies or developed intellectual property, the leakage of such valuable data can be detrimental to an organisation through punitive fines, financial loss, brand equity damage and even share price freefall. Considering the proliferation of data and the myriad places where it resides, the surface area for data loss is 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 revolutionary concept that disrupts existing business models or IT plans. Instead, it is a combination of existing best-of-breed 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 we help?

Dimension Data is able to offer an effective solution to the data loss issues the modern organisation faces. Our approach employs a Data Leakage Prevention Assessment, which gives organisations visibility into how their sensitive data enters, traverses and leaves the corporate network. From this point we are able to provide a solution set that combines best-in-breed technology solutions with the relevant policies and professional services, to ensure organisations can successfully understand – and prevent – any abuse of their information flows.

Virtualisation

For many businesses, the benefits of virtualisation are too pervasive and persuasive to ignore. However, it is crucial that the security implications inherent in virtualised IT environments are not ignored, as traditional security measures may not necessarily be effective and may well need redesigning.

Dimension Data adopts a proactive approach that incorporates security as part of the solution when developing our virtual network, with in-built constant validation against industry best practices.

How can we help?

Dimension Data offers a range of tools and tests that will provide you with an overarching security review. This approach takes into account the existing IT infrastructure and includes a measured analysis of threats, vulnerabilities and consequences that could test the organisation’s network.

Dimension Data’s Secure Virtual Infrastructure Assessment will assist clients to proactively identify key security vulnerabilities across their enterprise, discuss root causes and propose remediation projects as required. In addition to the range of information collated through the assessment process, Dimension Data will perform vulnerability and penetration testing, and employ industry best practice for secure virtualisation deployments.
Governance, Risk and Compliance Assessment
The Governance, Risk and Compliance Assessment provides an overall information security assessment. It identifies and prioritises areas requiring security to be improved, and combines a corporate vulnerability scan with an international industry security best practices questionnaire. The assessment gives you a clear snapshot of your security position and serves as a benchmark against industry peers.

Vulnerability Assessment and Advisory Services
We have 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 obtain a “bird’s eye view” of where hackers may exploit vulnerabilities. Our offerings include External Penetration Testing, Internal Penetration Testing, Application Penetration Testing and Wireless Penetration Testing.

Data Leakage Prevention (DLP) Assessment
The DLP Assessment provides organisations with visibility into how their sensitive data enters, traverses and leaves the corporate network.

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

Firewall Assurance and Optimisation Service
Conducted over a few days, this assessment helps you understand, measure and remediate risks in your firewall estate and includes reviews of firewall architecture, firewall policy and compliance, firewall threat performance and firewall change management.

Secure IP Telephony (IPT) 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 IPT environment.

Secure Virtual Infrastructure Assessment
Security in a virtualised world can exert different demands on your IT security staff. This assessment is implemented at every stage in the development of a virtualised infrastructure, so security is in-built, rather than bolted on.

Managed Secure Infrastructure Services (MSIS)
Managed Security Services is the management of converged security, underpinned by a service level agreement. It is the first point of call for network and system problems. MSIS frees you to focus on your business, without having to worry about the management and performance of your security equipment.

IT Outsourcing
This flexible outsourced managed service offering allows you to retain the strategic functions of IT to achieve greater control and better planning, while handing over commoditised or non-core business processes to our services specialists. Thus, increasing operational efficiencies, productivity and improved processes as well as lowering TCO of your infrastructure.

Uptime
This is a value-added IT support service that minimises downtime and supports the resolution of specific incidents in your infrastructure. And while we take care of your network, your internal resources are free to focus on mission-critical programs and run your business better.

Continuous Assurance Programme
This programme combines tools and highly-skilled security professionals. It serves as a constant stress test of your network’s ability to deal with new challenges.
Dimension Data has deployed content management solutions that have reduced the clients’ network loads by over 35%, resulting in overall cost savings exceeding USD1M per annum.
attack vectors. It puts together vulnerability assessments, penetration tests, code reviews and compliance advisory so your network will be built and maintained according to your business needs.

Security-assessment.com

Advisory and Assurance
Security-Assessment.com, a Dimension Data subsidiary, is one of the industry’s few “pure play” security firms. Specialising in research and development, they offer world-class auditing and assurance services to large and medium-sized enterprises requiring independent assessment of security compliance and specialist advice to improve overall information security. Complementary to Dimension Data’s current security practice, the addition of Security-Assessment.com expertise will enhance our team’s ability to provide the highest level of security advisory and assessment services to clients regionally and globally. With a holistic approach advocating for security to be incorporated into organisational practices as well as an array of reactive and proactive services, they are able to cover security awareness and activities at all levels of your organisation.

Delivering Business Value
To conduct your business with peace of mind, a secured and best-in-class protected network environment is essential. With their world-renowned industry experience work in vulnerability detection, advisories and new technology research, Security-Assessment.com’s services can deliver these benefits to your organisation:

- **Security partnering:** Forge a vital strategic partnership that lets you tap on leading security specialists for optimal results
- **Independent third party:** Make informed decisions with assurance and guidance that are truly independent, unbiased towards any vendor or product
- **Specialised service delivery:** Get expert knowledge from a company focused on compliance, assurance and assessment services
- **Compliance management:** Protect your business with a comprehensive approach that addresses multiple levels of security compliance, from security governance and granular policy compliance to detailed technical examination
- **Proactive security:** Adopt proactive security solutions, tailored to your business needs, rather than tagged on as point solutions and tested only at the production acceptance stage
- **Cost reduction:** Address security at all levels and appropriate points for greater cost efficiency and lower cost of compliance

For further information visit: [www.dimensiondata.com](http://www.dimensiondata.com)
For contact details in your region please visit www.dimensiondata.com/globalpresence