

Identity, Security and Risk Management

transforming risk into value and efficiency



Securing your business while maximizing opportunities

“Protecting the privacy and integrity of intellectual property and customer information is part of bedrock of a modern network enabled business.”

Businesses today are confronted with a seemingly limitless variety of threats, including identity theft, organized hacking, ever-changing legislative and compliance requirements, data loss, and more.

As evidence of this, an online, underground marketplace exists where people can actually buy viruses and Trojans, such as Zeus, and then modify them and attack your business in new ways. These attacks are being conducted by coordinated gangs interested chiefly in money, but sometimes espionage as well, and less often these days simply for 'bragging rights'.

Against this 'threat backdrop', you are simultaneously being asked to embrace a multitude of new technologies. Take for example the "Cloud". This new technology could enable business models which may offer your company new revenue streams and innovative ways to control costs, but not without taking some risks. In fact, for many companies, security issues are preventing them from rapidly 'integrating with the cloud.'

But, if you want to take advantage of new growth opportunities, how much risk are you willing to accept, and how do you manage that risk to the best advantage of your shareholders? How do you transform risk into value? Atos can help you do just that.

We can help you evaluate and balance the risks involved and find a way of managing those risk through your IT, governance and business processes. And while managing business risk and digital security remains a basic business requirement, it is spread across two increasingly complex yet related and growing areas of concern:

► **Digital Security** - Using familiar tools such as identity management, antivirus, firewalls, intrusion prevention and other technologies to defend the enterprise from would-be attackers.

► **Compliance and Risk Management** - ensuring that your business is able to evidence alignment with regulatory and legislative requirements. Although this can involve tools and technology, it is more focused on process enabled business controls, governance and staff behaviour.

A comprehensive approach is required to align digital security with compliance and risk management and critically to ensure that 'weak links' are avoided. Atos' approach combines a holistic understanding of security and the regulatory requirements for your industry. By understanding your business process controls and control needs first we ensure that your compliance and security investment and operations are well aligned with your most pressing industry compliance requirements and valuable business information assets.

Our ultimate goal is to help you to grow your business by enabling agile operating model changes which would be too risky in a enterprise with less well integrated risk management processes. For example by enabling your enterprise to bring a new social networking enabled business to market which could generate millions in additional revenue but which will only deliver upside benefit if the downside risks are well managed. That is what we call 'transforming risk into value', enabling you to take the upside benefit whilst reliably managing your downside operational risks.



It's all about trust - governance to regulatory compliance to digital security



Identity, Security and Risk Management (ISRM) solutions from Atos enable you to manage your business risk across your enterprise top to bottom. We have a long, exemplary history of delivering highly effective, award winning solutions, tailored to individual needs. Our solutions have been deployed at nuclear power stations, for air traffic control systems and at the Olympic Games.

Through a three-stage cycle of assessment, transformation and ongoing management, we help your company understand the risks it faces and how to manage those risks such that you can leverage new business opportunities. For example exposing business processes to the web for ecommerce can be a great way of opening up a new revenue stream but only if the security risks are well managed. We take an integrated view across an enterprise and its business controls, application controls and infrastructure controls. And because we have an in-depth understanding of both the business and IT controls required for effective compliance and security we can create a unified approach and perspective across your company.

We help organizations worldwide to address their most complex compliance and security challenges and to:

- ▶ Achieve business-driven governance by automating the enforcement and reporting of business policies and compliance mandates
- ▶ Help you apply effectively the regulations your industry mandates

- ▶ Mitigate risk by restricting access to sensitive data and improving security monitoring
- ▶ Lower costs by managing complexity and automating compliance, identity and security management procedures
- ▶ Improve the agility of your business by providing the right people with access to the right resources at the right time.

Our capabilities and expertise include:

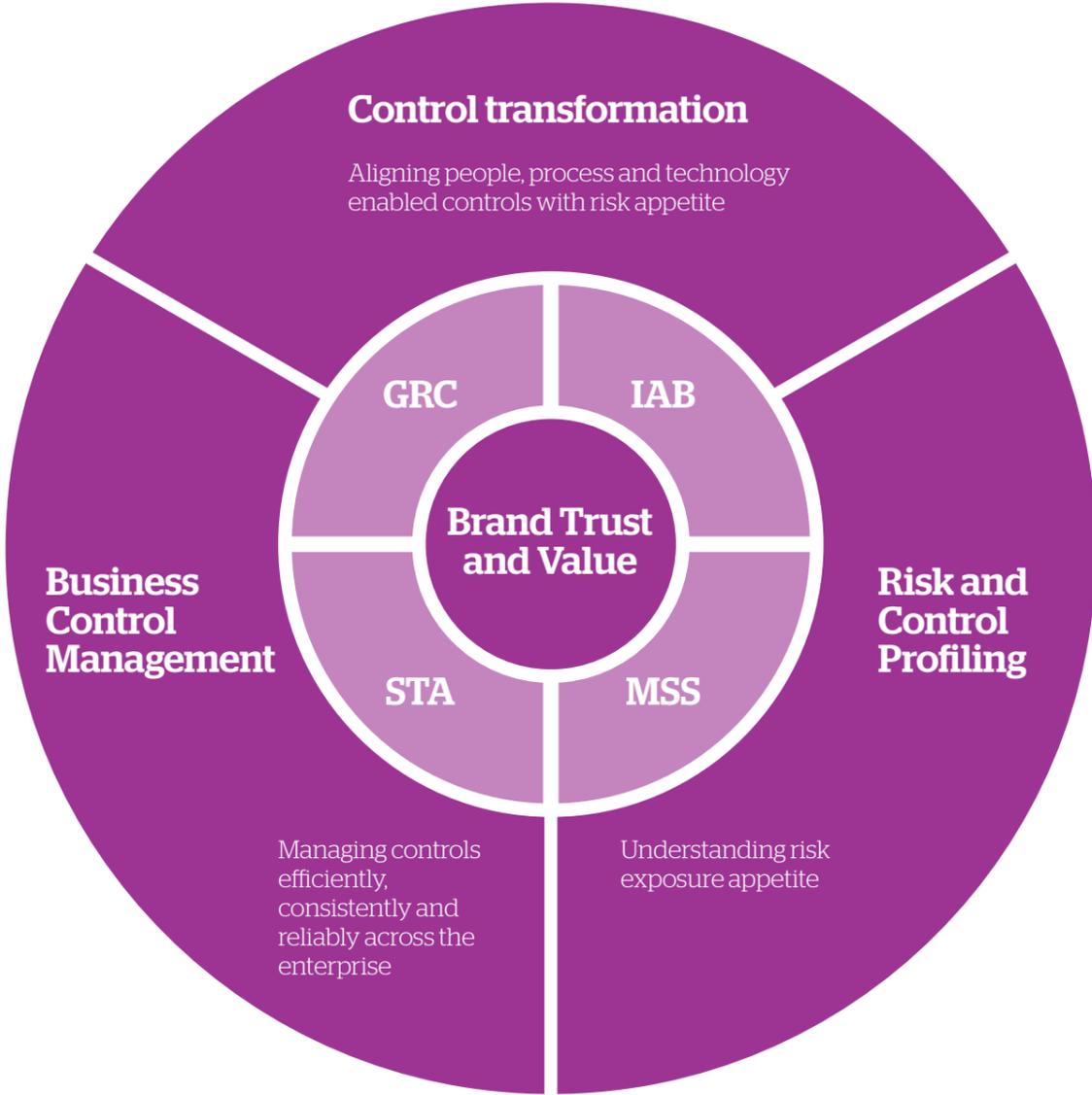
- ▶ A comprehensive understanding of regulatory compliance requirements supported by over 500 experienced business consultants and security experts worldwide
- ▶ A proven track record of executing large multinational digital compliance and security projects in complex IT environments
- ▶ A deep understanding of digital identity management, for example we manage 17 million secure digital identities for the UK Government Gateway Service Portal
- ▶ A trusted forensic security capability which includes the operation of state accredited security product evaluation centres
- ▶ Partnerships with world leading security and risk management technology providers such as McAfee, Oracle, Novell, RSA/EMC and Microsoft.

“Anchoring the capabilities and perspectives of regulatory compliance management and digital security together will reduce your total cost of compliance and security management whilst improving the efficiency of both.”

Strengthening trust relationships - eliminating the weakest link



Our approach to Identity, Security and Risk Management (ISRM) is based on a simple, three-stage methodology with the goal of reducing risk, growing your business and enabling trust between your organisation and your industry value chain. The three stages, as illustrated in the diagram, are Risk and Control Profiling, Control Transformation, and Business Control Management.





Risk and Control Profiling

Risk and Control Profiling enables you to discover and understand the risks you are exposed to, or are considering exposure to, whilst being able to plan your risk appetite. The art here is to reduce the volume of unknown, unmeasured threats and unknown control requirements. This process can be genuinely enlightening, sometimes revealing very significant business risks.

We support this stage from our Governance, Risk and Compliance (GRC) offerings. GRC offers methodologies, processes and skilled, experienced staff who can measure and benchmark risk, providing advice and support regarding the business impact and cost of treatment of topics such as legislative and regulatory control requirements, security strategy and more.

Control Transformation

This stage enables you to change how you manage risk by addressing the people, process and technology aspects of business controls. Our IAB (Identity, Access and Biometrics) and STA (Security Technical Advisory) services are designed to help you adapt controls to manage risk as effectively as possible. We can help you improve data privacy by encrypting data on mobile devices across the enterprise, or deploy identity management technologies to both lower costs and improve auditability.

Other STA and IAB services we offer include reducing regulatory compliance costs via IT automation and reducing help desk costs via biometric solutions.

Ongoing Business Control Management

After identifying risks and implementing appropriate controls, Atos can offer you ongoing management of controls and supporting technologies, ensuring an ideal balance amongst compliance requirements, IT security issues and operational expense. We offer these services via our Managed Security Services (MSS) one part of which is Atos High Performance Security, which offers real-time risk management, event correlation and monitoring of your security and compliance 24x7x365.

“Your security and compliance management is only as strong as the weakest link.”



In January 2007, the US retail company TJX announced that someone had broken into its payment systems and illegally accessed card data belonging to customers in the US, Canada, Puerto Rico, the UK and Ireland. In filings with the US Securities and Exchange Commission (SEC) in March, the company said “45.6m credit and debit card numbers were stolen over a period of more than 18 months by an unknown number of intruders.”

Computer World UK

Why Atos?

Atos bring together risk management, regulatory compliance and digital security. We have done this for Olympic Games, for nuclear power plants and for air traffic control systems, as well as for some of the best known companies in the world. We put our clients first, and work to understand the unique challenges our clients face. We adapt our solutions to your specific needs and can provide total security solutions, from consulting to implementation to ongoing services. We provide these security services today, to thousands of clients throughout the world, and can do the same for you.

“We help you navigate through the challenges of governance, risk management and compliance, while optimizing available budget.”

Governance Risk and Compliance

Security Maturity Assessment
Business Continuity Management
Security Strategy
Security Awareness Training

Security Technical Advisory

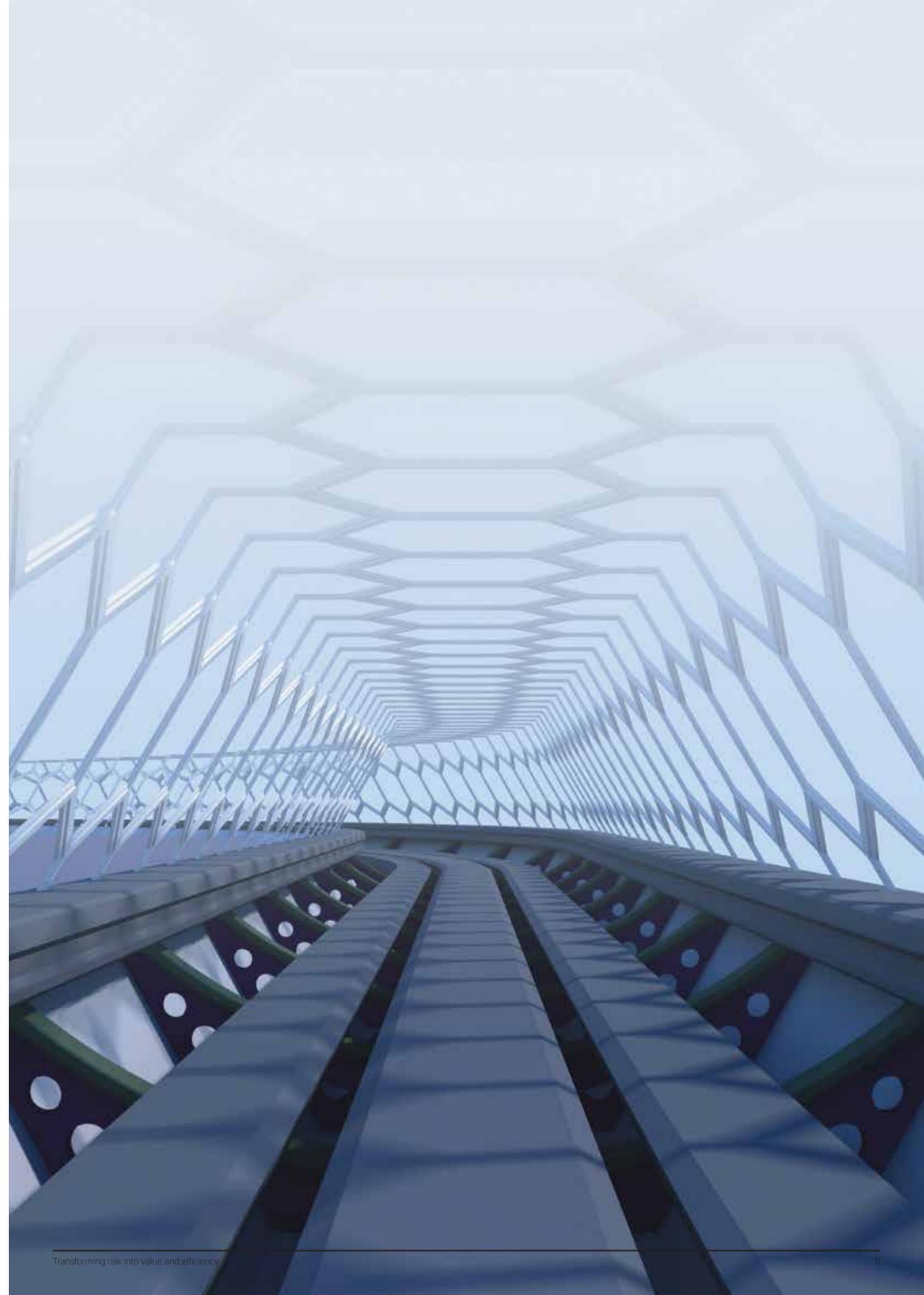
PCI DSS
Vulnerability Analysis
Data Loss Prevention
Cloud Security Assessment Services

Managed Security Services

Atos High Performance Security
Security Risk Management

Identity, Access and Biometrics

Identity Management
Help Desk Cost Reduction



About Atos

Atos is an international information technology services company with annual 2011 pro forma revenue of EUR 8.5 billion and 74,000 employees in 48 countries. Serving a global client base, it delivers hi-tech transactional services, consulting and technology services, systems integration and managed services. With its deep technology expertise and industry knowledge, it works with clients across the following market sectors: Manufacturing, Retail, Services; Public, Health & Transports; Financial Services; Telecoms, Media & Technology; Energy & Utilities.

Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. It is the Worldwide Information Technology Partner for the Olympic and Paralympic Games and is quoted on the Paris Eurolist Market. Atos operates under the brands Atos, Atos Consulting & Technology Services, Atos Worldline and Atos Worldgrid. For more information, visit: atos.net

For more information:
Please contact dialogue@atos.net