

CLARITY FROM
COMPLEXITY...

SECURITY AS AN
ENTERPRISE ENABLER



ATOS ORIGIN CAN HELP YOUR ORGANIZATION ESTABLISH THE PROPER SECURITY POSTURE, OPTIMIZE YOUR SECURITY SPEND AND INTEGRATE SECURITY AS A BUSINESS ENABLER

As a leading global business consulting and IT services provider, Atos Origin is ideally placed to help enterprises deal with the business and IT-related security challenges of today. Our unique "design, build, operate" approach enables us to increase the value of an extended enterprise through the creative use and ongoing management of IT.

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Clarity from Complexity ... Security as an Enterprise Enabler

Due to increasing external and internal threats on one hand, and legal and regulatory pressures on the other, security has risen to the top of the agenda for many organizations in recent years. At the same time, intruders have increased their activities, and with more sophisticated forms of attack. Organizations have reacted to these threats by implementing a variety of solutions, which are not necessarily well integrated or well managed.

Enterprise security is best achieved through a risk-based approach that aligns security with true business requirements.

The result has been lack of adequate or proper security, or unnecessary costs, as many organizations are not well equipped to decide what and how much security is needed for their particular business. Furthermore, as the need for enhanced security grows and the maturity of security strategies improves, it is increasingly recognized that enterprise security is best achieved through a risk-based approach that aligns security with true business requirements.

Here, Atos Origin's integrated, holistic approach combines people, policies, processes and technology into a secure, seamless environment. We not only ensure protection of vital information in your business operations, but with security fully integrated and implemented throughout your organization, you can also realize cost and process efficiencies that grow your bottom line. You get a true return on security investment.

Integrated Security: Fending Off Intruders

Delegates from over 200 nations have arrived. Billions of dollars have been spent. The start date cannot move. Nearly four billion people are watching. The Olympic Games sport the most visible data and information networks in the world for 16 days. With over 200 intrusion attempts a minute attacking this vital backbone, Atos Origin information security withstands a true test of endurance and resiliency. Atos Origin provides gold-medal system protection, intrusion detection and network security that relays data and information across multiple platforms under intense conditions. We design and secure the complex IT systems to ensure the uninterrupted delivery of data, results, sport and athlete information to spectators and media around the world. If we can do

it at the Games, we can do it anywhere. In fact, the security strategies and implementation, while significantly intensified for events such as the Olympics, exemplify our track record of success in managing and protecting mission-critical data and information in a variety of business and government enterprises. You can leverage Atos Origin IT prowess to enhance your business resiliency through wholly integrated security. Beyond the Olympics, where the name of the game is secure, uninterrupted information flow, our Enterprise Security Services offer a risk-based approach that aligns security with true business requirements. Our integrated, holistic approach combines people, policies,

processes and technology into a secure, seamless environment. We not only ensure protection of vital information in your business operations, but with security fully integrated and implemented throughout your organization, you can also realize cost and process efficiencies that grow your bottom line. You get a true return on security investment. Unlike the athletes, a silver or bronze medal is not a winning option for IT security performance. A gold medal performance is as essential to securing the IT infrastructure of the Olympics as it is to assuring your business resiliency through a secure environment. We rise to the challenge in any situation – to strengthen your enterprise and keep it agile.

A successful track record of business-centric security

Atos Origin has a long history of protecting its clients' most sensitive and valuable information assets in mission-critical industries. We have proven to be a reliable, trusted partner in securing critical business systems from global financial trading systems to nuclear energy facilities, defense, police agencies, and the Olympic Games.

Security in most companies still happens as an after thought, in the form of un-integrated point solutions, without a clear return on investment and connection to the business assets it aims to protect. Activity is driven either by fear, compliance to a growing number of regulations or as a reactive response to attacks, instead of being based on risk management.

The security expertise of Atos Origin, combined with an intimate knowledge of our customers' business objectives and issues, allows us to deliver industry-best solutions at a minimized cost, while enabling business opportunities. You can leverage Atos Origin IT prowess to enhance your business resiliency through wholly integrated security.

Building a strong, resilient security process

Our holistic approach to security promises your enterprise more than disconnected point solutions.

To ensure a complete enterprise security process, security solutions must fully understand the business requirement of the enterprise and the normal behavior of its business applications. There has to be a thorough assessment of what assets need to be protected to run and grow the business and related asset vulnerabilities. Potential threats have to be identified, and the likelihood of these threats, and then evaluated through a cross-analysis of asset value and opportunities versus threat and vulnerability. Then you need to plan and implement an appropriate security strategy and system to manage the security posture, mitigate potential adverse consequences, ensure continuity and secure opportunities. Finally you need to establish a continuous and pervasive review and improvement process. But not only that, to achieve the appropriate level of enterprise asset protection, integrated security solutions must consider:

- > People, their interaction and corporate culture
- > Policies and procedures
- > Measurements and metrics
- > Legal environments and regulatory requirements
- > Technology

Our holistic approach to security promises your enterprise more than disconnected point solutions. Our approach will help you achieve appropriate enterprise security to match your business needs. Our complete end-to-end Atos Origin solutions cover the

Secure and Controlled Connectivity for **DSM**

Atos Origin's Third Party Gateway (TPG) security service ensures that any connectivity between a customer's own network and any external parties, both trusted and non-trusted, is both secure and authorized. Atos Origin currently operates over 50 Gateway Systems in more than 20 countries worldwide.

DSM wanted to achieve a system that allowed for the seamless integration of external networks during mergers, acquisitions and divestments. These business situations require the secure integration and separation of corporate infrastructures as well as the enforcement of new contractual agreements.

Our solution was to integrate our TPG service as a gateway solution between infrastructures, which also allowed global management and monitoring.

The result was that DSM had secure gateway connectivity to their divested and acquired parties and any external networks were seamlessly integrated into the corporate infrastructure, enabling gradual separation. DSM is active worldwide in life science products, performance materials and industrial chemicals. The group has annual sales of EUR 8 billion and employs approx. 25,000 people

Tightening Security for the **South African Post Office**

The South African Post Office (SAPO) aspires to become the leading provider of postal and related services throughout Africa. Recognizing its need to evaluate and analyze its current infrastructure strategy, SAPO called upon the consulting expertise and proven methodology of Atos Origin. With a clear understanding of its existing IT capital, SAPO succeeded in streamlining its business, readying the company for even greater endeavors.

Entrusted with the large-scale task of overhauling SAPO's outdated business processes, Atos Origin first evaluated the current state of the company's infrastructure and information security systems and processes. Then, a roadmap was designed to improve these through a coordinated framework and implementation plan. Outside of the critical business objective to be met, it was imperative that the project be delivered with a relatively short lead-time.

All stakeholders cooperated to make the project a success, and the company has already begun to reap the benefits of tighter security and uniform procedures.

"With the advent of the Electronic revolution, the traditional Post Office has had to embrace new visionary and revolutionary methods of staying in the business of ensuring the prompt and trusted delivery of information. We at Atos Origin were glad to be part of securing and ensuring this process continues to take place within the South African Post Office, no matter what the means!"

Johann Hershensohn,
SMA Project Manager.

spectrum of security needs from facilities and asset security, to integrated identity management and access control, securing networks through to applications, and ensuring data recovery and business continuity. Our unique business-centric approach and tools make security an enabler for business process optimization and transformation and hence, business growth in addition to minimizing enterprises risks.

A complete Enterprise Security Solution

Atos Origin solutions include proven consulting, systems integration and managed services methodologies and services in the following key areas:

Assessments

Our solutions enable us to establish baselines and measuring parameters, determine vulnerabilities and the level of compliance. This can be achieved by the following means, all of which all employ proven methodologies:

- > Business Impact Analysis
- > Security Maturity Assessment
- > Vulnerability Assessment
- > Network Security Assessment
- > Penetration Test

The results provide the foundation for further levels of maturity intelligent planning and set the baseline for measuring the security posture evolution.

HOW DOES YOUR COMPANY MEASURE UP?

- > How vigorous are your company's security policies?
- > How effectively does your company monitor its security posture?
- > How aware are your employees of these policies?
- > How robust is your current security strategy and architecture?
- > How well do the company's security solutions support your business goals and bottom line?
- > How do you ensure that security is a business enabler in your organization?

Strategy & Policy

Aligning security and business needs while planning ahead for what matters can make all the difference. We set and communicate security rules and anticipate any compliance with regulations. The solutions include:

- > Security Strategy
- > Policy Development
- > Change Management
- > Information Classification Strategy
- > Contingency Planning

This leads to an holistic approach to security and provides a road map for achieving an appropriate security level and one in which security can act as a business enabler.

Architecture & Implementation

This covers the designing and integrating of complex systems as well as the selection of best of breed products. The solutions include:

- > Security Architecture & Design
- > Identity Management & Access Control
- > Enterprise Directory
- > BS7799/ISO 17799 Implementation
- > Wireless LAN Security Implementation
- > Secure Web Services
- > Security awareness training

These offer a complete and cohesive solution and the assurance of proven systems backed up by globally consistent service delivery.

Managed Security Services

These include an array of security and network systems that must be efficiently managed to confront increasing threats. Our solutions enable an effective response to incidents, while maintaining flexibility and trust and continuing to increase service quality at an optimal cost. The solutions include:

- > Security Manager
- > Project Management
- > Business Continuity and Restoration
- > Managed Firewalls, IDS, Antivirus, Certificate Authority and VPN
- > Incident Response

These minimize capital investments and use state-of-the-art technology and systems to improve the effectiveness and workload of scarce in-house security experts.

Unique approach and methodologies

Our solutions distinguish themselves by generating additional business value through cost-reduction, reduced liability and improved earnings. The Atos Origin tiered Security Maturity Assessment (SMA) model provides a road map to achieve best-of-class security institutionalization throughout the enterprise, where strengthened security becomes an enabler for business opportunities. To begin with, we will work with you to diagnose and clarify your company's security posture, needs and strategies. Our scoreboard provides a formal approach to establish a baseline for the enterprise security maturity level, ensure communication to all stakeholders and set clear actions for progressing to subsequent level(s). The result is a security strategy to match your unique business goals.

Helping the Spanish Ministry of Defense define its Strategic Plan

The challenge for Atos Origin was to help the Spanish Ministry of Defense, which historically had been acting as three different Departments (one for the Army, one for the Navy and one for the Air Forces), to evolve into one unique "corporate" institution. Considering the growing importance of IT in Public Administration, the Spanish Government decided to make this project one of the key actions of their ongoing program concerning the development of the "Information Society". This led to it being designated their Strategic Plan of Information Systems, Security and Telecommunications, part of the

Government's Info XXI program. Atos Origin's project team took part in the main tasks of the project related with Technical Architecture, Platform and Telecommunications, as well as the design and definition of the new corporate technical architecture model, both for computing systems and LAN/WAN communications networks. On the Security side, Atos Origin was responsible for global security planning and security policy definition. We were also responsible for defining a Common Security Infrastructure and compliance with all legal aspects and organizational issues. We designed the Public Key

Infrastructure (PKI) and architecture, the Certificate Policy and the Certification Practice Statement and defined the security services provided by the PKI (Authentication, Digital Signature, Encryption capabilities, Time Stamping). We also defined the smart card technology for access control and PKI certificates and ensured integration with the current systems and applications of the Ministry. Our involvement originally began in early 2001, and as the project has grown we have been retained on a number of contracts and that will currently see our involvement continue until at least 2007.

For companies moving beyond the foundation and seeking maximum business value, our risk-based integrated business security (IBS) approach allows intimate integration of security with business processes, resulting in complete alignment of security systems with business objectives. In addition to an optimized security solution, the IBS approach has in most cases resulted in business process optimization allowing for productivity gains. In short, IBS does for security what Total Quality Management did for quality.

About Atos Origin

Atos Origin is an international information technology (IT) services company. Its business is turning client vision into results through the application of consulting, systems integration and managed operations. The company's annual revenues are more than EUR 5 billion and it employs 45,000 people in 50 countries.

Atos Origin is the Worldwide Information Technology Partner for the Olympic Games and its clients include ABN AMRO, Akzo Nobel, Alstom, BNP Paribas, Ericsson, EDF, Euronext, Fiat, France Telecom, ING, KPN, Phillips, Renault, Royal Bank of Scotland, Saudi Aramco, Schlumberger, Shell, Standard Chartered Bank, Telecom Italia, UK Department for Work and Pensions, Unilever, Vivendi Universal and Vodafone.

Atos Origin is quoted on the Paris Euronext Premier Marché and trades as Atos Origin, Atos Consulting, AtosEuronext and Atos Worldline.

For more information about our security services please visit our website, www.atosorigin.com, email more-info@atosorigin.com or contact: Farrokh Abadi, Vice President Global Security, Farrokh.abadi@atosorigin.com

A clear vision that is widely understood across the business can help create a high performance culture.