FEEL SECURE?

Enterprise security

"If you know both yourself and your enemy, you can win a hundred battles without a single loss."

Sun Tzu, The Art of War

Among the many challenges facing today's CIO, that posed by security must rank as one of the most pressing. No longer is it a matter that can be handed over to a specific team: executives at all levels need to take responsibility. Security encompasses the entire organisation: the people; the processes; the technology; the information. The threat landscape is changing constantly. The skills of criminals and fraudsters are becoming ever more ingenious; while the world's media ensure that sensitive security breaches are highly visible.

Organisational boundaries are blurring as a result of changes in business and operating models. Home and remote working, use of outsourcing strategies, online customer interaction, and the adoption of new technology concepts like cloud computing: these are changing the whole concept of the perimeter to be protected.

Then, add to the list of security responsibilities faced by the CIO the need to meet increasingly stringent regulatory and statutory requirements. So, the game is getting tougher and new models for security management are emerging in response.

Complex organisations recognise that they need to be protected by an agile security strategy that addresses challenges proactively, rather than by a series of tactical responses to specific threats or legal requirements. And while new strategies are often driven by regulatory needs, in essence security is still about doing what's best to protect your business. Compliance will follow from this.

Glue Reply has developed a Security Practice which will help you to gain a deeper understanding of your security posture. Our consultants work with you to apply innovative models and techniques which enable you to move to a mature enterprise security position.

We help you to achieve a homogeneous approach that will give you a holistic view of the whole organisation's security status.

The traditional notion of security, based exclusively around protecting the physical perimeter of the organisation, is declining.

What is enterprise security?

Organisations must now focus much more on information and data: understanding where it is and how it is managed both within and outside the enterprise boundary.

Enterprise security encompasses:

Information security: how information technology supports safe business practices

Business security: security processes and the security control framework, in the context of the business

Physical security: how facilities and access control support the logical security model

Operational risk management: providing a risk-based approach to define priorities and identify exposure to potentially malicious activities

Improving or maintaining the enterprise security posture is a continuous process, that must be based on a robust, enterprise-level security architecture.

Who needs it?

Every organisation, from the smallest upwards, faces security challenges. These include:

- Obtaining relevant, high quality information which allows you to make the correct security decisions: you need to know what the real risks are, in the context of your business, at any specific point in time.
- Keeping up with a constantly changing threat landscape environment: how easy is it for your organisation to prevent or fix a new security problem?
- Identifying the 'smartest' approach to compliance with laws, regulations and industry standards.
- Applying agile security management models to legacy systems and the existing organisation.
- Managing a heterogeneous environment in a consistent way.
- Leveraging any investment in security to obtain a better security posture overall, rather than focussing on reducing a single, specific risk.

What are the key security drivers?

A number of key trends are driving enterprise security management today:

- ***An exponential increase in the volume of data being managed***
  Companies are dealing with more information, with more people connected, through more devices. This means a greater exposure to risk.
- ***Changes in financial models***
  New financial models, such as mobile payments and mobile commerce are challenging current security models – and not just for financial institutions. Mobile network operators and retailers are among the companies who are also facing security challenges in this area.
- ***Changes in business and operational models***
  With the adoption of home and remote working, the quest for more flexible IT strategies based around outsourcing and cloud computing, and the increasing popularity of trends such as Web 2.0 and social networking, process and security responsibilities are crossing organisational boundaries. In dealing with the challenges posed by this extended organisational reach, organisations too often approach them with a tactical, reactive approach rather than a strategic one.
- ***Tougher regulations and standards***
  As IT is being used in increasingly complex ways, regulators are introducing new regulations and standards to try to cope with changing operational practices such as IT globalisation, and the tougher security challenges posed by these.

Why involve Glue Reply?

If you need help in any of the following areas:

Identifying what you are protecting: what, who, where?

Knowing your opponents: threat modelling, opportunity cost of attack.

Assessing the potential impact of security breaches: business impact analysis.

Defining how you manage information security: security assessment based on ISO/IEC 27001 and 27002

Defining a blueprint for the future: enterprise security architecture.

Implementations: system integration, security processes definition, business continuity.

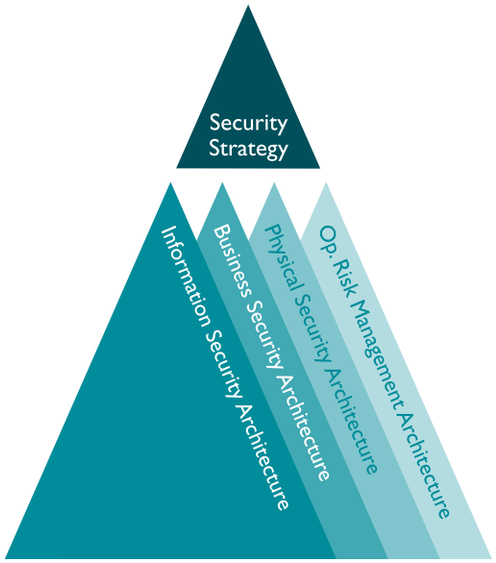
Governance/control: ensuring that the security measures are used.

In addition, specific trigger points may prompt involvement: a new regulation may come out; there may be a need to assess a new perceived or real threat; your company may have just experienced a security breach or identified an area of exposure, requiring you to look at what else could have been compromised.

Or, you may feel that the complexity of your organisation is preventing you from applying the best security practices, and you need help to identify a route forward.

The Glue Reply approach

Glue Reply has a wealth of experience in all of the fields needed to help you to move to a mature enterprise security posture and to operate your security more effectively. Our consultants will work with you to build and deliver a blueprint to achieve your required security posture, taking into account the five pillars of the Glue Reply Enterprise Security Architecture:



Glue Reply Enterprise Security Architecture has been defined taking into account enterprise level frameworks and industry best practices such as ISO/IEC 27001 and 27002, TOGAF, Zachman Framework and more.

Where Glue Reply can help

Glue Reply offers a unique **Enterprise Security Architecture**, which incorporates in a single management model, business processes, security processes, IT security and physical security.

Many organisations are struggling to integrate security into business processes. Using the Glue Reply methodology, your organisation will benefit from a homogeneous and flexible architecture capable of adapting to change in the business environment. The architecture guides compliance to regulations and to ISO/IEC 27001 and 27002 using smart mechanisms and leveraging existing assets. The model can be applied to area-specific architectures, for example, SOA, payment systems, logistics, mobile and many more.

Third party security assessments of specific areas or systems are recommended by all best practices. In addition, access to high quality information is crucial to being able to take the correct decision. Glue Reply will help you to have a clear, high definition picture of the security of a process, system, or area within the organisation, or of your overall security posture. If you know your current status, you are able to make cost-effective decisions, identifying the correct course of action and selecting a security solution commensurate to your **real** security or compliance needs.

Glue Reply delivers a range of services from maturity and threat assessments to business impact analysis and environmental audits.

Security management practice reviews are essential to ensure that strategies continue to meet the demands of the constantly changing threat environment and regulatory landscape. Your organisation will have defined a security strategy, implemented it and will need to monitor it through robust governance processes and reporting.

Glue Reply offers a number of services to help in this area. These include reviewing the security posture, defining/reviewing security strategy, defining security governance processes and managing compliance.

Leveraging our extensive technical and business skills and experience, our consultants can also provide a **range of delivery services**, including network and system security, application and data security and user profile security.

Glue Reply added value

To successfully implement an Enterprise Security Architecture depends on a number of factors. It is in overcoming these challenges that Glue Reply's Security Practice consultants can add particular value.

Managing the change

Strong internal commitment is essential.
We recommend the use of a bottom-up approach, starting from a specific area or pillar, and not touching the organisational model. Our consultants will help you to create the appetite to 'get things done' in a mature way; we will manage the internal Enterprise Security Architecture adoption process, with our own key performance indicators; and, most importantly, we will use social engineering techniques to help!

Speaking the same language

All areas within the organisation need to 'speak the same language'. This is often not the case, with risk management, security management, compliance teams and business people unable to communicate effectively as a result.

Glue Reply will help you to introduce a consistent, homogeneous model, able to bring security concepts to every area in the organisation, by defining a common language for security.

Internal organisation, existing processes and ownerships

An Enterprise Security Architecture implementation programme needs to have the support of the whole company. Your people want to safeguard their responsibilities, however, and previous investments must be considered as well as the current security architecture.

Glue Reply will help you to leverage existing assets and processes, working with you to rationalise and clear actual responsibilities before moving forward to the target model.

Flexibility to accommodate a rapidly changing threat landscape

The environment is changing constantly; any security solution needs to take account of this fact. Our consultants will ensure that the Enterprise Security Architecture model considers best practices and regulations as a dynamic input, not as a fixed component.

Why Glue Reply?

Our consultants have benefitted from extensive experience in the many different areas required to define security architecture: business process modelling, solution design and technology delivery, data and information management, business intelligence and enterprise architecture definition.

We combine security expertise with high levels of business and IT architecture definition capabilities. This means that we can help our clients to ensure that the Enterprise Security Architecture is understood and applied by all relevant stakeholders in the organisation.

Add to this our experience in solution delivery, and we can make sure that the security architecture is practical and can be easily implemented in any organisation.

We take a pragmatic approach to each project, taking into consideration existing processes and assets rather than seeking to redesign the 'ideal' solution from scratch.

And of course, given the range of our customer base, we are able to bring valuable cross-industry and cross-client experience to bear on your projects.

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Tel: +44 (0) 1628 481553
www.gluereply.eu

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