encode

Information Risk Management

Taking complexity out of Information Security
…Allowing you to **focus on your business**

Your challenge...

- Secure Solutions vs. "Security" Solutions.
- Controlled Openness vs. Locking-down Practice.
- Risk-based, Business-driven Framework vs. Vendor-centric Product "Solutions".
- Tailored Solutions vs. Off-the-shelf "Solutions".
- Enterprise Security vs. Perimeter Defence.
- **Security as a business enabler.**

As one of the premier vendor-neutral providers of IT Security and Digital Risk Management services, **ENCODE** stands out with its expertise across vertical industries and security technology, coupled with ongoing, innovative security research and the unmatched qualifications of its people.

ENCODE's mission is to provide ongoing, best-of-breed, holistic security services to its clients to assist them throughout their security life cycle in mitigating e-risks and realizing e-business opportunities.

Continuous Growth through Excellence and Innovative Customer-centric Solutions

Encode launched in 2001, is now ISO 9001:2000 and ISO 27001:2005 certified for the "design & provision of information security services", providing security services throughout the world. Our client-base includes several European and Middle East Banks, along with other major companies and telecom organisations from Greece, Luxembourg, Switzerland, Belgium, Turkey, UK, USA, Saudi Arabia, Bahrain, Serbia, Poland, Bulgaria and the United Arab Emirates. At **ENCODE** we are commited to continuously growing through operational excellence and the provision of customer-centric, innovative security services that offer real value to our clients.

...Our Strategy

Industry Expertise

ENCODE has experience second to none in providing holistic security solutions to the financial and telecommunications industry. Experience gained through a series of successful security engagements to major international financial institutions and telecommunication organisations, and the acquisition of some of the greatest talents in the information security industry coming from premier organisations including Reuters and Deloitte & Touche.

Our Approach

Our non-traditional, e-business oriented security services enable companies to shift from strategies that focus solely on safeguarding corporate assets, to strategies that leverage security as a catalyst for creating value and capturing growth. At **ENCODE** we approach security as controlled openness and not as a locking-down practice.

Towards this direction we have developed methodologies that make security fit into the bigger picture of business requirements and objectives, from strategy design engagements to highly technical penetration tests and application code reviews, our approach is to get security into the right perspective, by addressing all key issues, covering business, functional, protection, privacy and legal requirements.

Our custom methodologies cover all areas of information security and by offering them through a risk-based, business-driven framework enable us to step in at any phase of the development cycle and provide elaborated and highly structured results that are relevant to your business.

Our Security Offerings

ENCODE's Security Life Cycle ensures that your security needs are addressed in an innovative and effective manner. We provide services that combine our technical and business expertise to create a holistic security solution for your business. Our overall offering is to be your vigilant "Information Security Partner" by assisting and supporting you throughout your security life cycle.

ENCODE provides a wide range of services that cover all phases of the security life cycle. Our services are grouped into 6 major service lines. Clients can choose to receive services across all phases, from any single phase or bundle services from multiple service lines in order to meet their needs.

Security strategy

Leveraging security as an enabler for business growth.

The distributed, open and volatile nature of today's information technology requires companies to adopt a set of management controls to protect their information technology resources. Proper selection and concise implementation of these controls is the cornerstone of any effective security solution. **ENCODE** can help in developing a security strategy aligned with your business requirements and subsequently an effective and concise enterprise security framework comprising of security policies, standards and prosedures, which will be the basis for achieving and sustaining security throughout the enterprise.

With **ENCODE** Security Strategy services you can benefit from the extensive experience of our security strategy consultants in risk analysis and risk management, information security management systems, such as ISO/IEC: 27001 (BS 7799) and business continuity planning, as well as our proven track record in providing such services to large organisations and financial institutions around the world.

Our "Information Security Strategy" offerings cover the following areas:

- Information Risk Assessment & Management
- Enterprise Security Policy development
- ISO/IEC: 27001 (BS 7799) Implementation / Compliance
- Security Organisation Design
- Business Continuity Planning
- Enterprise Security Awareness Programs

Security Architecture

Thoughtful design and implemantation respecting
your business requirements and goals

A good IT Security infrastructure effectively accommodates business needs and is built upon a solid architecture that intergrates those requirements across the organisation into a consistent, well thought-through solution. With an extensive technical know-how and project management experience built upon the design and implementation of large security infrastructures for major organisations, **ENCODE's** security architects and technology specialists can help you design and implement security solutions that will be as effective tomorrow as they are today. Furthermore, as we don't have binding agreements with any security vendor we're able to create vendor-neutral solutions that best suit your specific security requirements.

Our services go well beyond essential sophisticated security technology and cover everything required in order to make a complicated and demanding project successfull during all phases, from conception to project sign-off. We can help in designing secure network technologies, firewalls and other traffic controls, authentication and access control systems, virtual private networks, instrusion detection solutions and public key infrastructures.
Our specialised offerings cover areas such as:

- Critical Data Protection & Information Leak Prevention
- Application Security & Compliance
- Database Security & Monitoring
- Identity & Access Management
- Strong Authentication & Single Sign On
- Security Event & Information Management
- Security Exposure & Vulnerability Management
- Network Security & NAC
- Endpoint Security
- System Security & Integrity
- Encryption Architectures & Public Key Infrastructure (PKI)

Data Protection & Information Leak Prevention

Application - Database & Content Security

Security Information & Exposure Management

Network Security

System Security

Strong Authentication & SSO

Identity & Access Management

Privileged System Account Password Management

In this context **ENCODE** has developed "**ENCODE** Data Centric Security Architecture" (DCSA) that holistically addresses your IT and Information Security requirements. **ENCODE's** DCSA builds upon network security, but also goes beyond traditional network and system security and providing true Data-Centric security, by focusing on Application-Content-Data-Information Security, along with Holistic Security Management and Compliance

Combined and integrated together, along with other network and IT components, DCSA address the following security issues:

- Perimeter Security (Internet, Extranet, RAS)
- Internal Security (NAC, Endpoint Security, Core Systems protection)
- Application Security
- Privileged User Accountability & Control
- Data Protection & Information Leak Prevention
- Security Management & Compliance

This is "**ENCODE** Data Centric Security Architecture"

Security Assurance

Stay ahead of security vulnerabilities don't just keep pace with them.

ENCODE's Assurance services provide you with a holistic approach and a best-of-breed solution for independent testing and validation, the only effective way to ensure that your information protection devices, network components, critical servers and applications, as well as your security policies and procedures are functioning properly, keeping your corporate assets secure.

Our security professionals can act both as your defender as well as your trusted "attacker". During a Security Audit & Review Service project, we act as your defender and undertake an in-depth security review on your network infrastructure and critical systems in order to determine their adherence to security standards and best practices. In contrast, during a Penetration Testing Service project, we act as your "attacker", not your defender, and undertake a controlled and managed simulation of actual system intrusion attempts, putting your security mechanisms as well as your intrusion detection and response capabilities to the test against skilled and motivated attackers. This is a unique opportunity to get to know your enemy, without the damage you would normally sustain in a real attack.

With **ENCODE's** assurance services you can benefit from our extensive expertise in advanced penetration testing techniques, tools and methodologies as well as our excellent track record. Furthermore, **ENCODE** is one of the leading companies in application security, an area that is considered to be the leading edge in security testing and where only a few security companies have the know-how to carry-out assessments.

Our specialised offerings cover areas such as:

- Web Application Penetration Testing
- Network / Infrastructure Penetration Testing
- Internal Security Assessments
- Code Reviews
- Vulnerability Assessment

Managed Security Services

Your vigilant security partner

ENCODE managed security services address the fact that technology makes up just one-third of an effective information protection program. Procedures and people comprise the rest of the essential security balance. However, the lack of expertise in the field combined with the fact that it is not cost-effective to have in-house specialists, make security an extremely challenging task for organisations of any size. **ENCODE's** managed security services enable you to focus on your core-business, by outsourcing some of the most challenging security tasks to us.

Taking advantage of our MSS offerings ensures that your company will never get caught unprepared while minimizing your security management investment. Our team, coupled with our infrastructure, can provide your company with the ongoing monitoring, support and advice you need to counter the ever-increasing threats jeopardising your business.

ENCODE Managed Security offerings cover the following areas:

- Real-Time Threat Management
- Security Infrastructure Support
- Incident Handling & Response
- Ongoing Vulnerability Assessment
- Periodic Penetration Testing
- Managed Security Infrastructures
- Security Intelligence

Training & Awareness

Enhancing human factor to a strategic security component

Training is an essential element of any information security strategy. **ENCODE** offers both public and customised education services. We believe that staff from all levels and all areas involved in the business process must understand the requirements, effects, and impacts of information security on their jobs. Instructors from the **ENCODE** team can prrovide courses that will meet your departmental training standards, or work with you to develop a course that meets any specific needs and skill levels.

ENCODE's information security course offerings are designed for management level personnel who require an understanding of the topic and how it applies to their business, IT professionals who support all aspects of the corporate infrastructure, and IT Auditors and Security professionals who require an in-depth and comprehensive knowledge of all aspects of Information Security.

Research & Development

An important part of our strategy is to research and develop new technology opportunities that will support and increase our service offerings to even higher levels. **ENCODE** is commited to moving R&D initiatives from the lab into the real-life landscape in order to help companies address their ever-increasing information security needs. Our R&D team serves as a valuable resource for work in a broad range of information security areas, covering vulnerability research, intrusion detection, PKI, industry and national standards.

Furthermore, you can benefit directly from our knowledge and IT infrastucture by using our lab facilities as a testing enviroment for the evaluation of security products, and therefore gain invaluable experience and place less strain on our scarce resourses.

PolicySphere™

Nowadays, the management and dissemination of information security policies is one of the main challenges that large organisations face with their Information Security Management System (ISMS) implementations. **ENCODE's** PolicySphere™ is a specialized application that provides a company with a straightforward and user-friendly interface for accessing its security policies and integrating them into every project's lifecycle, through the use of a simple, yet powerful, web-based, environment. PolicySphere™ enables companies to effectively manage the risks that arise from the dependence of their business processes on information systems.

PolicySphere™ is a unique, third-generation security policy management and awareness solution that automates the company's ISMS processes by allowing for the effective and rapid dissemination of its Information Security Manuals (policies, standards, procedures, guidelines) throughout the company. Staff members are able to quickly and easily understand exactly what is required of them in terms of security for each particular task or project they undertake, thus allowing the company to save time and money, and reduce the risk of incidents arising through lack of staff awareness or misconception of requirements.

Our Team

ENCODE's driving force is its human intellectual capital. We have assembled a world-class team of uniquely qualified professionals that combines diverse skills and extensive expertise, ranging from business-oriented consultants to highly specialised technology experts. Among our consultants are ERP security experts, business managers, software and network security engineers.

Our experts have a proven track record working at the leading edge of security services and experience second to none in the areas of information security and risk management. Members of our team have served as information security executives for leading consulting and technology companies, providing a wide range of services to major financial institutions and global companies. Additionally, many of our consultants have presented at conferences, authored security articles and taught specialised training sessions.

Apart from many years of international experience, our experts have focused on and invested in receiving "best of the best" information security related education and professional certifications. Our security professionals hold Masters of Science (MSc) degrees in Information Security, Certified Information Systems Auditor (CISA), Certified Information Systems Security Professional (CISSP) and ISO 27001 Lead Auditor certifications, as well as various technology-specific accreditations.
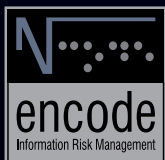
As **ENCODE** is committed to staying ahead, we consider our consultants and engineers to be the core of our service offerings and ensure that they get continuous training and broaden their knowledge and skills through on going involvement in research activities.

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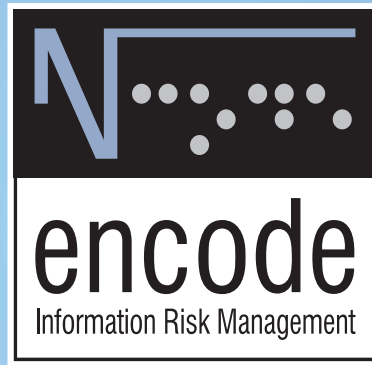
Securing the Future of e - Business

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