Emaze Networks

Company Backgrounder

eMaze pillars

Straightforward, **focused** and **loyal**: three adjectives that qualify Emaze Networks.

Straightforward like our own mission: we aim to be the Enterprise reference partner for the provision of corporate-wide Information Security framework.

Focused, because our effort is strictly targeted to corporate businesses and stakeholders, to grant integrity and availability of **valuable** company digital assets.

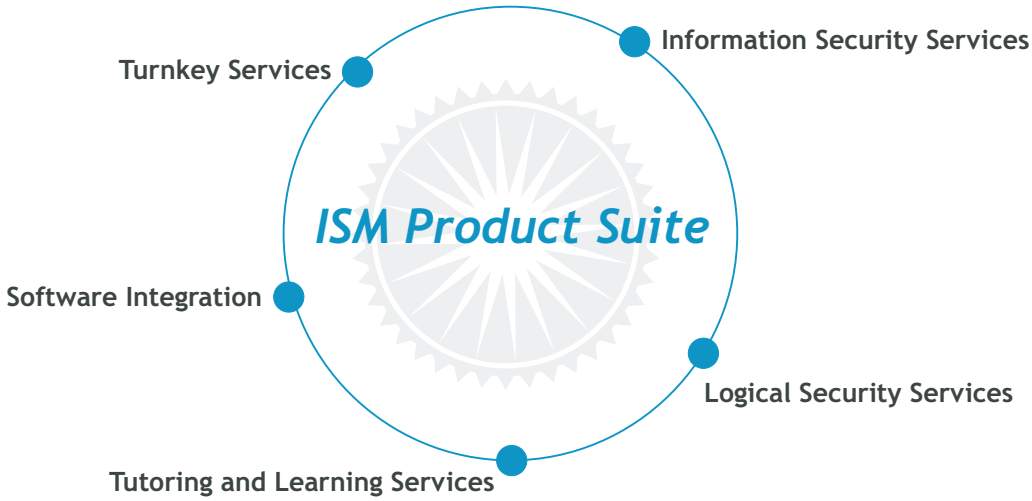
Loyal, because we put commitment to the customer and honesty as the basic values to be defended. **eMaze** enforces total information confidentiality, relying upon a truly selected and strongly affiliated team.

eMaze playground

The arena in which we master is the Informed Security Management in Enterprise-class contexts.

We regard **Informed Security Management** (ISM) as a complete and comprehensive process, which design and implementation leads to secure complex ICT environments and to the improvement of the Organization's regulatory compliance posture.

eMaze offers a set of services and solutions, providing a 360 degrees support in the design and implementation of any Enterprise-class security process to implement a Corporate-wide Informed Security framework, relying on its proprietary technology: the **eMaze ISM Product Suite**; superior in performance and flexibility respect to any off-the-shelf, pseudo-equivalent offering.



eMaze
informed security

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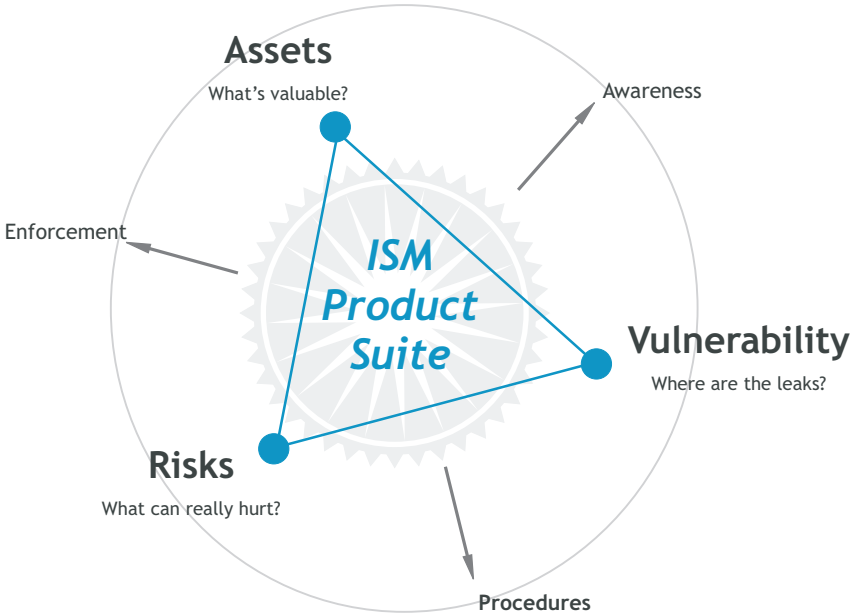
ISM Product Suite is the basement of our radical, Enterprise-oriented approach to Information Security. Too often the usage of generic tools and frameworks within the Enterprise environment leads to large expenditures for the security of less relevant assets, while real risk goes undetected, concealed elsewhere by the complexity of data and systems relations.

Any **eMaze** security campaign is rooted on the careful inventory and evaluation of Enterprise digital assets, to identify what's really valuable within the Organization. The subsequent Security Assessment is the key to make Risk Management a relevant input to the Enterprise governance, allowing prioritizing enforcement efforts to protect the most strategic and valuable resources.



eMaze ISM Product Suite

eMaze ISM Product Suite is the essential set of tools and methodologies allowing correct correlation of: Assets, Vulnerabilities and Risks in a comprehensive and coherent frame. For us, this reference model is the basis for any security countermeasure, including awareness campaigns, Security enforcement measures and Enterprise procedures enhancement.

ipLegion

ipLegion is a complete Enterprise-class solution for IT Risk and Vulnerability Management.
ipLegion detects Corporate digital assets; allows the figuring of the associated risks and business impact; identifies threats and risks affecting systems and networks and finally provides Company's Executives and Security Managers a global view, measuring the security status, suggesting Administrators the proper countermeasures while monitoring the effective adoption of the remediation plan.

IpLegion has a fully distributed architecture, with **Master** (central management core) and **Scouts** (active assessment probes) and supports virtualization, making it a very flexible platform for simplified deployment and integration in any complex ICT infrastructure and network topology.
As a highly distinctive feature, **ipLegion** supports partitioning, allowing for true multi-site segmentation, making it the ideal solution for both Managed Security Services Providers (MSSP) and for large Corporate conglomerates.

ipLegion add-on modules

ipLegion has a modular architecture, with dedicated add-on modules working together to asses, analyze, manage and monitor possible threats. Available add-on include: remote and local discovery, assessment with or without credentials, bruteforcing weak passwords, local policies compliance and more. Additional modules can be added or designed based on specific Customer needs.
Asset Discovery and Management (ADM) is a specific **ipLegion** module, design to search passively for known and unknown devices, building a complete digital asset inventory automatically associated with related vulnerabilities, risks level and factors and finally possible remediation plans and status. It also helps Security Administrators to be effectively in control of all authorized and unauthorized device appearance on the Corporate network. **ipLegion** ADM contributes to automatically verify the compliance of any digital asset to the Company Security Standards, integrating and feeding the possible Asset Management process already in place.
ipLegion represents the most flexible Risk and Vulnerability Management platform on the market, granting easy integration with the different Customer technologies and security data sources. To address specific Enterprise needs, **ipLegion** supports strong characterization, where “connectors” and security checks for Client's custom or peculiar applications can be developed in a fully integrated manner.

Control Room

Control Room is a very innovative and effective security dashboard solution, modular and highly flexible. Developed by **eMaze** to synthesize Corporate-wide security information from all of the relevant sources.
Both infrastructure and security related processes information are (automatically) presented in a very intuitive and graphical format, expressively designed to grant the definition of effective preventive and reactive strategies for all different digital-asset typologies. It combines several data types and shows them with all the necessary viewing angles, from the whole branch-office up to the single item. From the **Control Room** interface, the single item can be then examined drilling down through the specific viewer or element manager.
Control Room has the unique capability to reports historical trends, and associates Risk Management data with the desired granularity level: from the single application and process up to the Corporate level grouping, closely following the Company security evolution over time.
Control Room allows also for fully configurable alerts generation.

eMaze Service Portfolio

Information Security Services

eMaze provides large Organizations with security Best Practices thanks to the most effective and efficient mix of Professional Services for technical testing (both automated and custom), non-technical testing and assessment, and security consultant expertise to ensure the integrity of Company's digital assets.

Existing and new Information Security infrastructures need to be tested, evaluated and coordinated in order to achieve the Enterprise objectives in terms of Information security.

eMaze services extend the "classical" Security Assessment activities, namely VA (Vulnerability Assessment) and PT (Penetration Testing), including remediation design and support to any subsequent hardening activity from both a technical and a procedural perspective.

In the full awareness of the custom Applications business relevance and of the security issues they typically raise within the Enterprise, **eMaze** can implement large-scale Code Inspection and Review campaigns, thanks to the security software design experience accumulated by our human capital.
And when it comes to large IT infrastructure design, our added value to the solution selection and network design paths the Enterprise way towards valuable asset's security.

Logical Security Services

Apart from technological aspects, Informed Security Management is not only a technological issue but also a matter of processes, procedures, standards and laws.
Within the Logical Security Services area, **eMaze** supports the design, the planning and the execution of any move towards full security compliance.

On one hand, **eMaze** supports the Enterprise in complying with local regulation and laws (i.e. Data Protection, SOX), as well as with required, relevant or advisable industry standards (i.e. PCI-DSS, ISO27001).

On the other, we help our customers in designing and implementing all the security processes to be fit within their Enterprise, with strong adherence to the current Best Practices.

Our Enterprise-tuned approach to Risk Management, primarily focusing around the inventory and quantification of the Logical Assets Value, leads to Risk Analysis that help to prioritize the Enterprise security effort in the most valuable risk areas.
Clearly, measuring the security plays a pivotal role in this arena, to maintain the security measures effectiveness along time: from the KSI (Key Security Indicator) monitoring, to the implementation of IT security frameworks that comply to enterprise-grade, worldwide accepted guidance (i.e. COBIT).

Turnkey Services - SOC Implementation

As a fundamental companion to any Enterprise-wide NOC (Network Operation Center), the establishment of a SOC (Security Operations Center) has rapidly become the key to guarantee the achievement and the safeguard of the necessary security levels.

Thanks to years of proven experience collected through the implementation of many SOC projects within large Enterprises, **eMaze** offers as his core-business activity SOC implementation as a turnkey service.

Our support covers all the phases of SOC implementation from initial analysis to final verification. Design, Integration and deployment are conducted making the respect of customer's business and procedures our absolute priority.

And, once a SOC is in place (regardless it has been implemented by **eMaze** or not) we can flank the Enterprise with our SOC management services, allowing outsourcing of monitoring, reporting and execution control activities.

Software Integration

Security coding is at the root of our designers' skills, as well as the software integration capabilities that are constantly needed when dealing with large Enterprise networking scenarios.

Whenever the security posture of the client enterprise needs some custom "glue logic", **eMaze** develops and delivers ad-hoc security management solutions. Some qualifying references in this field include the provision of Access Exception Management platforms and Automatic Verification tools, accurately tailored to the company environment and needs.

ISM Product Suites integration and customization with the Customer environment and tools is at the core of any of our implementations, since we know how important is to valorize existing investment and legacy applications in the large Enterprise context.

Tutoring and Learning Services

We offer state-of-the art, security-focused tutoring and learning services to our customers, because we believe Human Resources are at the core of any security-sensitive enterprise process.

Depending on the specific needs, we deliver both technology-oriented and management-oriented courses and tutoring sessions, as well as simpler (yet not less important) security awareness campaigns.

The mix of competences and experience of our experts allow **eMaze** to tailor the trainings upon the audience's knowledge, fulfilling any learning need from the Executive Officer level to the IT workforce.

eMaze Assets

We believe that – within the ISM arena as a minimum – **eMaze** is capable to deliver higher value to the Client respect to any classic, all-around management and technology consultancy firm.
Thanks to strong focus and mission clarity, **eMaze** totals a great deal of invaluable intangible assets, in terms of both intellectual rights and people.

First of all, **eMaze** strongly relies upon many **proprietary technology platforms**: **The ISM Product Suite**, which have been specifically developed with the large enterprise scenario in mind; this makes them greatly superior in performance and flexibility respect to any mass-market, pseudo-equivalent product.The ownership of a full set of software platforms for Vulnerability Assessment, Monitoring and Reporting, Asset Inventory and Risk Analysis, gives **eMaze** the total application control that is needed to deeply integrate them in the Enterprise environment.

eMaze owns as well many proprietary methodologies tailored to adhere to the Enterprise needs: we developed and certified our own Assessment Frameworks, our Security Measuring tools (strictly COBIT-based), our secured coding methodologies. And we constantly improve them with quick reaction to any newly discovered security management issue.

The additional outstanding value that's embedded in the **eMaze** offer as a default is the strong focus on localization. We maintain a **propriety vulnerability database** heavily and timely enhanced to take into account any security issue linked to local language OS and application versions. Since our client Enterprises operate in their local context, our localization effort results in really better adherence to real security constraints.

And the skills are for sure our primary intellectual asset: the accurately chosen mix of competences today available within **eMaze** technical and management staff guarantees complete cross-coverage of any vulnerability-specific skill, with a specific accent over the ability to upscale basic security concepts to the Enterprise.

eMaze People

eMaze success is largely dependent by the investment we continuously put in Human Resources selection, empowerment, training and motivation.

The **eMaze** R&D department is established within one of the front most Italian scientific parks; this is a strategic choice enabling knowledge osmosis between academic and industrial environment.
Our professionals account for above-the-average expertise (8 yrs+) in the IT security field; most of them have public resonance through specialized publications and seminars, being reputed true Industry Gurus.

Emaze Networks

eMaze personnel have been granted the major applicable certifications, amongst the other:
- ISO27001 (Lead Auditor)
- ITIL/ISO IEC 20000
- CISA (Certified Information Security Auditor)
- CISM (Certified Information Security Manager)
- CEH (Certified Ethical Hacker)
- GCIH (GIAC Certified Incident Handler)

eMaze is also a certified Novell's Sentinel Partner.

eMaze Presence

Three strategic Italian locations have been chosen as Emaze main offices: Milan and Rome, to be in touch to the national most relevant business centers; Trieste, at the Area Science Park, to be in touch with one of the most active Italian academy and innovation pole.

eMaze Customers

We are offering our Information Security Services, Logical Security Services, Turn-key Services, Software Integration, Tutoring and Learning Service and ISM Product Suite to many of the well known italian and multinational firms operating in different markets - telco, finance, assurance, automotive, food, transports, utility - and to some national public authorities.