

EMC Classification for Information Security

Securing data according to business risk

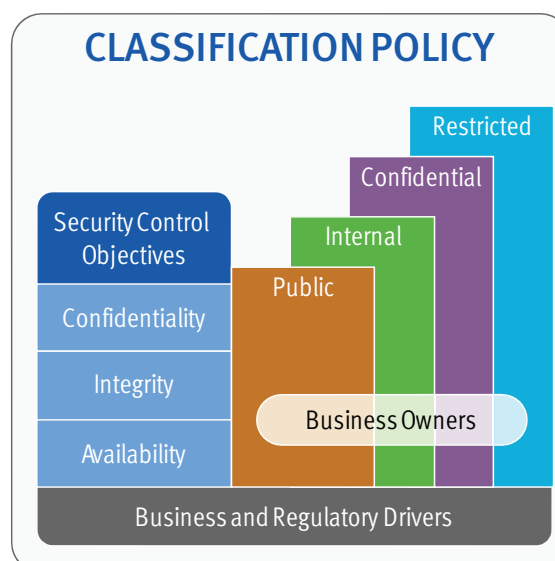
The core value of any information system is its data. Whether this data is confidential, proprietary, or regulated, organizations have to understand what they have, its value, location, and how it is currently being protected. Today's demanding regulatory environment also requires that enterprises exercise due diligence in protecting sensitive data. Failure to comply with these mandates can expose an organization to fines, expensive remediation, and loss of reputation.

Discovering all data throughout your IT infrastructure and then classifying it into security categories allows you to craft a cost-effective and consistent approach to protecting information based on its value, risk, and unique regulatory requirements. This is a key aspect of an information-centric security strategy that binds security to information and the people who need it.

Identify areas where you can avoid or manage inherent risk

Data classification involves discovering all significant types of data, identifying those types which are sensitive and require special protection, and defining security requirements for each class. Knowing the value of this data and its location helps ensure that appropriate control programs can be put in place and provides a unified and enforceable security model for prioritizing and protecting security assets.

The EMC® Classification for Information Security Service brings you expert guidance from a company with years of experience in data classification—helping you implement an information-centric security strategy that ensures compliance with key internal and external mandates. This key enabling service helps you discover sensitive information and secure large volumes of data through a structured process for understanding how to protect information based on its business value and level of sensitivity.



Classification of data according to risk and sensitivity level

Overview

The Classification for Information Security Service is conducted by EMC consultants who are highly experienced in data security classification. EMC Consulting works with your staff through one-on-one meetings, onsite workshops, and discovery activities to develop business-driven security requirements for your data.

At the completion of the service, you will receive a Classification for Security Program Report that includes:

- **Asset Inventory and Analysis:** inventories principal information types, with listing of owners and asset metadata.
- **Security Impact Catalog:** proposes impact definitions and analyzes information types based on a potential breach of security that has a low, moderate or high impact for confidentiality, integrity and availability.
- **Security Classification Catalog:** assigns classification levels to information types based on business owner input and impact analysis.
- **Implementation Guidelines:** handling guidelines for classified information, including baseline controls and safeguards for protecting information within each classification tier.

Because our approach is business-centric, we analyze and categorize only that information that the business determines is relevant.

“Successful organizations take a top-down approach, rather than creating a meticulous inventory of all the data within their environment. They identify the very specific pieces of data that can directly affect revenues or the business processes that handle very sensitive data, protect them appropriately, and then use templates and the lessons learned to classify and handle other data within the organization.”

Making Data-Centric Security Real
Forrester Research, Inc., February 5, 2008

Why EMC

With over 2,700 business, application, and infrastructure consultants focused on information infrastructure challenges, EMC Consulting is the largest information-focused consultancy in the world. EMC has extensive client relationships with more than 50 percent of Global 500 companies, and a global reach complemented by local delivery.

EMC Consulting brings insight and experience in IT security to each engagement, offering certifiable skills needed to safeguard your organization’s critical information.



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