ENTERPRISE INFORMATION PROTECTION
Enterprise Information Protection

Enterprise Information Protection (EIP) is an information centric software platform and security methodology that builds business value by enabling companies to effectively mitigate the risk of sharing sensitive information across the extended enterprise. It enables companies to utilize business processes once thought to risky or impossible to bring into compliance reducing costs and improving competitiveness.

EIP is the cornerstone of a strategic information management program improving governance, risk management and compliance practices by enforcing the proper, secure and compliant use of information.

It is the convergence of four critical capabilities into one integrated solution:

- **Identify** – Information discovery, classification and inventory
- **Control** – Data level access management
- **Manage** – Information usage management and controls
- **Analyze** – Forensic, risk and compliance oversight

The critical need to effectively protect sensitive information in increasingly collaborative environments, where IT infrastructures strain and fail to handle existing issues, requires a new information centric paradigm. Agile, revolutionary, scalable and future proof — EIP delivers increased operational efficiencies, improved information risk posture and reduced IT Infrastructure complexity.

**THE COST & RISK OF POINT SOLUTIONS**

Companies that have invested in multiple, disparate and tactically oriented security tools such as DLP, removable media, whole disk encryption, network content monitoring, DRM, etc. now realize both the inadequacy and added complexity of this approach. Point solutions and quasi integrated suites may provide short term gratification, but in the long term, create unmanageable, costly and more risky systems that do not meet business requirements.

**DRIVERS OF THE SHIFT TO PROACTIVE, DATA CENTRIC AND FUTURE PROOF INFORMATION SECURITY**

- Increasing amounts of sensitive high value data
- Growing mobility of data and mobile workforces
- The collapse of the “perimeter”
- Rising and ever shifting compliance legislation
- The professionalization of hackers
- A fundamental shift in to outsourced knowledge based business processes
- The adoption of new computing paradigms including virtualization and cloud computing
- A business and risk driven, rather than technology or threat based approach to protecting data
The Verdasys Digital Guardian EIP Platform provides a unified monitoring and control solution that offers unprecedented visibility and management over sensitive information. By focusing on resolving the many business or compliance driven “use cases” and applying the correct mix of mitigating controls, Digital Guardian enables global enterprises to create and deploy an effective strategic information protection program improving business agility while reducing overall costs and risks.

**INCREASE COLLABORATION, BUILD BUSINESS VALUE**
Securely enable knowledge based collaboration driving value across internal and external processes including: design, mobile/home workforce, outsourcing, and supply chain management while effectively driving data governance, and increased compliance across the enterprise.

**REDUCE MANAGEMENT COSTS, IMPROVE PROCESSES**
Reduce the administrative overhead and numbers of FTEs required to manage information protection programs across a global enterprise. Improve and align security and business processes related to information protection. Reduce policy management complexity, incidence response processes, and employee policy training overhead.

**IMPROVE RISK & COMPLIANCE POSTURE**
Through increased visibility to data location and movement, identify and mitigate potential risk and compliance failure points. Reduce transactional misuse, loss, theft and fraud, through effective controls and increased end user accountability. Mitigate the risk of data and transactional losses and compliance violations by implementing an effective and continually improving strategic information protection program.

**REDUCE POINT SOLUTIONS, SYSTEM COMPLEXITY & COST**
Eliminate overlapping and redundant point solutions focused on infrastructure security. Reduce the number of agents required to protect end point systems and servers. Unify disparate discovery, policy and reporting systems while reducing overall IT infrastructure complexity and cost.
Digital Guardian is the cornerstone of your strategic Enterprise Information Protection program. Integrated, comprehensive, and proven; Digital Guardian uniquely solves the broadest set of data protection challenges faced by global businesses as they enable global business processes through secure knowledge based collaboration. Digital Guardian, through its integrated framework and multi-function agents, is the only solution that delivers:

- Policy enforcement that leverages identity, activity, data classification, context, and content analysis
- Enterprise-wide visibility into sensitive information location and usage
- Risk appropriate controls to manage user activities including; prompts and warnings, blocking of activities, alerting to incidents and transparent encryption all applied before a risky activity occurs
- Policy driven, automated and transparent email, file, server and full disk encryption, fully integrated as defense in depth and data access controls

Digital Guardian mitigates the risk of sharing sensitive information across global organizations enabling greater business collaboration and increased productivity.

**KEY BENEFITS**

- Data-Centric Focus
- Central Policy Management
- Global Data Location & Usage Visibility
- Flexible, Automated Security Controls
- Automated File, Email & Full Disk Encryption
- FFEIC Compliant Secondary Authentication
- Secure Data Across Virtual & Citrix Environments
- Complete Audit Capability
- Compliance for PCI, HIPAA, ITAR, GLBA and State Privacy
- Forensic Investigation Solution
- Integrated, Modular Platform

**Digital Guardian Management Server**

- Reporting
- Policy Definition
- Configuration
- Alert Management

**Data Usage & Alerts**

**Content & Control Policies**

**Digital Guardian**

- Blackberry Server Agent
- Terminal/Virtual Server Agent
- Server Application Agent
- Corporate Server Agents
- eDiscovery Agents

**Remote Agent**

**Web/Citrix App**

**Browser Session from Unmanaged Machine**

**Enterprise Agent**

**Privileged Users**

**Data Repositories**
Enterprise Information Protection Methodology

**Enterprise Information Protection Continuous Improvement Process**

**EVOLUTIONARY, PRACTICAL AND SCALABLE APPROACH TO INFORMATION PROTECTION**
- Gain visibility to information location, sensitivity and usage
- Determine business and compliance risk
- Define actionable data classification & information protection policies
- Align information protection policies and business processes
- Deploy automated controls to all users
- Train and drive accountability to end users in real time
- As change occurs, monitor, detect, adjust, repeat and improve

With an EIP foundation and methodology in place, companies move through the continuous process of strategic information protection. During this process, companies travel from tactical and reactionary approaches to protecting information to a unified proactive and strategic approach. The EIP process propels organizations toward secure collaboration and compliant data governance in a focused, controlled and evolutionary approach.

**Maturity**

**Governance** is the oversight role: integrating strategic objectives and information risk to make proactive, holistic decisions to drive business value.

**Collaboration** evaluates relevant business and information risks and controls, enabling greater information sharing while monitoring mitigation actions in a structured way.

**Compliance** is execution focused and reactive. Post incident response or externally applied regulation, it looks to meet the bare minimum requirement.

**The Strategic Effect of EIP**

"I often use the quote — it is the what you don’t know, you don’t know that will get you in the end — to warn security professionals of the relative state of unknown blindness and therefore state of reactivity to which they are bound. EIP offers monitoring, control and analysis to minimize this blindness and put in place proactive methodologies to mitigate existing risk and future proof ones self as best as possible."

Dan Geer
Long-Term Success, Competitive Advantage

Your customers, employees, partners, and suppliers need to be confident that sensitive information and business transactions are protected and the sensitive information they need is always available when and where they need it. Verdasys Professional Services helps you meet these obligations, allowing you to better manage information risk and maximize data availability, all while reducing internal IT costs.

The Verdasys’ services and program management team, with over 200 deployments around the globe and terabytes of data across millions users protected, is the most seasoned team available to support your strategic enterprise information protection program.

From data risk assessments to process and policy definition to control design, Verdasys has the expertise to make your information protection program a success. The Verdasys team will partner with you to define, deploy and make successful a strategic and holistic data security and information risk management program.

THE VERDASYS DIFFERENCE

Rigorous Implementation Methodology & Best Practices
• Strong program management & robust educational program
• Ensure successful deliveries & high customer satisfaction

Advanced Policy & Control Definition
• Business process & control integration
• Data governance and compliance best practices
• Control effectiveness configuration

Use Case Focused Presales
• Design workshops develop credibility & customer trust
• Deliver sophisticated, differentiated solutions

Rapid Response Triage & Issue Resolution Process
• Project focused maintenance releases
• Intimate links across support, product management & engineering

"The Verdasys Enterprise Information Protection (EIP) platform offers a comprehensive approach to protecting sensitive information in a single integrated solution. The EIP platform delivers the best possible means to determine whether the action is truly a compromise or not. After an extensive review, I found no other DLP or encryption product as effective."

J. Laz Montano, CISM, CGEIT
Assistant Vice President, IT Risk Governance
MetLife
Verdasys enables customers to economically, intelligently and adaptively address the broadest set of expanding enterprise information protection challenges in today’s highly collaborative and mobile business environment.

**PERSONAL DATA PROTECTION**
Reduce the risk of PHI or PII data loss through unified policy enforcement. Create a risk aware culture through warnings and prompts to end-users and blocking if required. Secure personal information across all employee and contractor desktops, laptops, file servers, Linux servers and Citrix servers.

**SECRETE MESSAGING & MOBILE DATA PROTECTION**
Define policies that automatically encrypt files or emails based on context, classification or sensitive content. Eliminate the need for separate encryption tools while sharing sensitive data in emails and on network drives to your partners, suppliers, contractors, outsourcers – on and offline.

**DATA DISCOVERY & CLASSIFICATION**
Utilize both content and context based data analysis; run both background and real-time data discovery programs. Apply policy based actionable classifications to all sensitive data across the enterprise.

**SECURE OUTSOURCING & THIRD PARTY COLLABORATION**
Enable greater cross enterprise collaboration and data sharing while minimizing the risk of sensitive information compromise. Digital Guardian’s flexible host architecture secures intellectual property and trade secrets from being misused by privileged users at partner and outsourced sites around the globe.

**SECURE THIRD PARTY TRANSACTION**
Reduce false and fraudulent transactions costs related to business to business Web transactions, eCommerce, online banking, trading. Enable greater Web transaction usage across partners and customers driving higher margins while increasing transaction volume.

**INTELLECTUAL PROPERTY PROTECTION**
Increase innovation and reduce time to market through collaboration across design and development teams including partners and contractors. Digital Guardian secures intellectual property and trade secrets from being misused by privileged employees, contractors and third parties around the globe.

**DATA MASKING & LOGGING, COMPLIANCE**
Save millions of dollars in re-coding costs, while extending data security to legacy and custom applications that lack native access and logging capabilities necessary to protect data. Ensure regulatory compliance with mandates including HIPAA, GLBA, PCI, ITAR and other privacy regulations.

**PRIVILEGED USER MONITORING, SEGREGATION OF DUTIES**
“Police the policeman.” Monitor and record all activities of privileged users including system administrators and senior executives, apply appropriate security policies. Log all activities through Digital Guardian’s operating system independent security model.

**eDISCOVERY & DATA FORENSICS**
Reduce the time and cost of conducting forensic investigations. Generate aggregated discovery reports for all user activities and data usage across the enterprise including offline activities. Prove the positive and the negative (e.g. One user copied a file to an external drive and no one else did).

**DATA COMPLIANCE**
Uniformed policy driven compliance controls and audit reports provide comprehensive compliance management of sensitive and private data in the form of files, documents, application level data, database records, and images. Whether its employee lists, personnel records, medical data, financial records, or photos and other images (PCI, GLBA, HIPAA, ITAR)
ABOUT VERDASYS
Verdasys is the leading provider of comprehensive, unified Enterprise Information Protection solutions that secure sensitive information increasing collaboration and protecting online business enabling information moves freely across global corporations, business partners and customers. Verdasys enterprise solutions are the cornerstone of our over 2000 global customer’s data security strategy. With millions of systems deployed around the world, Verdasys is the proven leader in Enterprise information protection for the worlds largest companies.

Verdasys headquarters is located in Waltham, MA, USA. With offices in London, Munich, Rome, Madrid, Athens, Tel Aviv, Tokyo, Osaka, Taipei, Singapore and Shanghai.