

VERITAS™

Symantec and VERITAS

Leading the convergence of
Information Security and Information
Availability

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Keep your business
Up, Running, and Growing,
No Matter What Happens.





Agenda

- ▶ Information Integrity Defined
- ▶ Symantec Solution Portfolios Defined
- ▶ Symantec Information Integrity Solution Scenarios
- ▶ Integration Phases



Information Integrity Defined

Information Integrity can be defined as the dependability and trustworthiness of information. More specifically, it is the accuracy, consistency and reliability of the information content, processes and systems.

Madhaven Nayar, Information Integrity Coalition

Information security Information that is secure, but not available to people is useless.

Information availability Information people can get to, but that is insecure, is suspect. And so is everything they do with it.



4 Common Issues Customers Face in Managing Information Integrity

Lack of insight and misaligned priorities

- No insight on where & which risks may escalate - both internally and externally
- Ill defined risk profile across various IT assets, types of risks and organizational units
- Unable to make the right risk-cost tradeoffs

Unreliable processes

- Risk management not institutionalized as part of the IT process model (such as ITIL or ISO 17799)
- Broken feedback loop to solve root cause of the problem

Critical gaps in people expertise

- Few specialists (analysts & architects) vs. generalists
- No skills to proactively manage threats
- Lack of enterprise-wide governance model

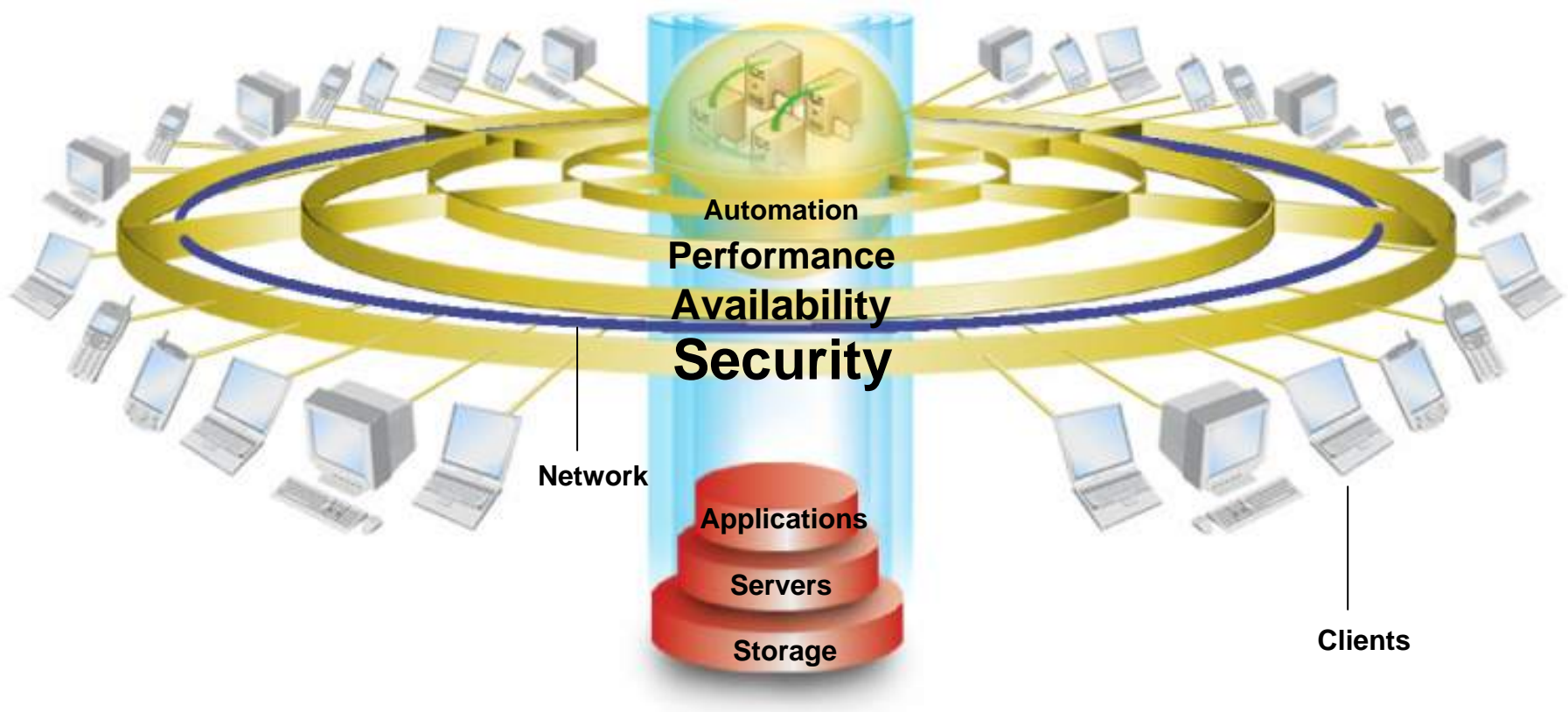
Inflexible technology foundation

- Silo-ed solutions
- Not scalable
- Costly to operate, difficult to support and manage



Information Integrity: Information Security and Information Availability must Converge

Information Integrity





Industry Leaders Driving Convergence



- Proactively protect all layers of the infrastructure against security threats
- Early warning of emerging threats
- Monitor systems for compliance

- Provision, optimize, monitor and remediate systems and storage to ensure uptime and performance levels are maintained
- Recover systems and data in the event of an outage

Information is secure and available

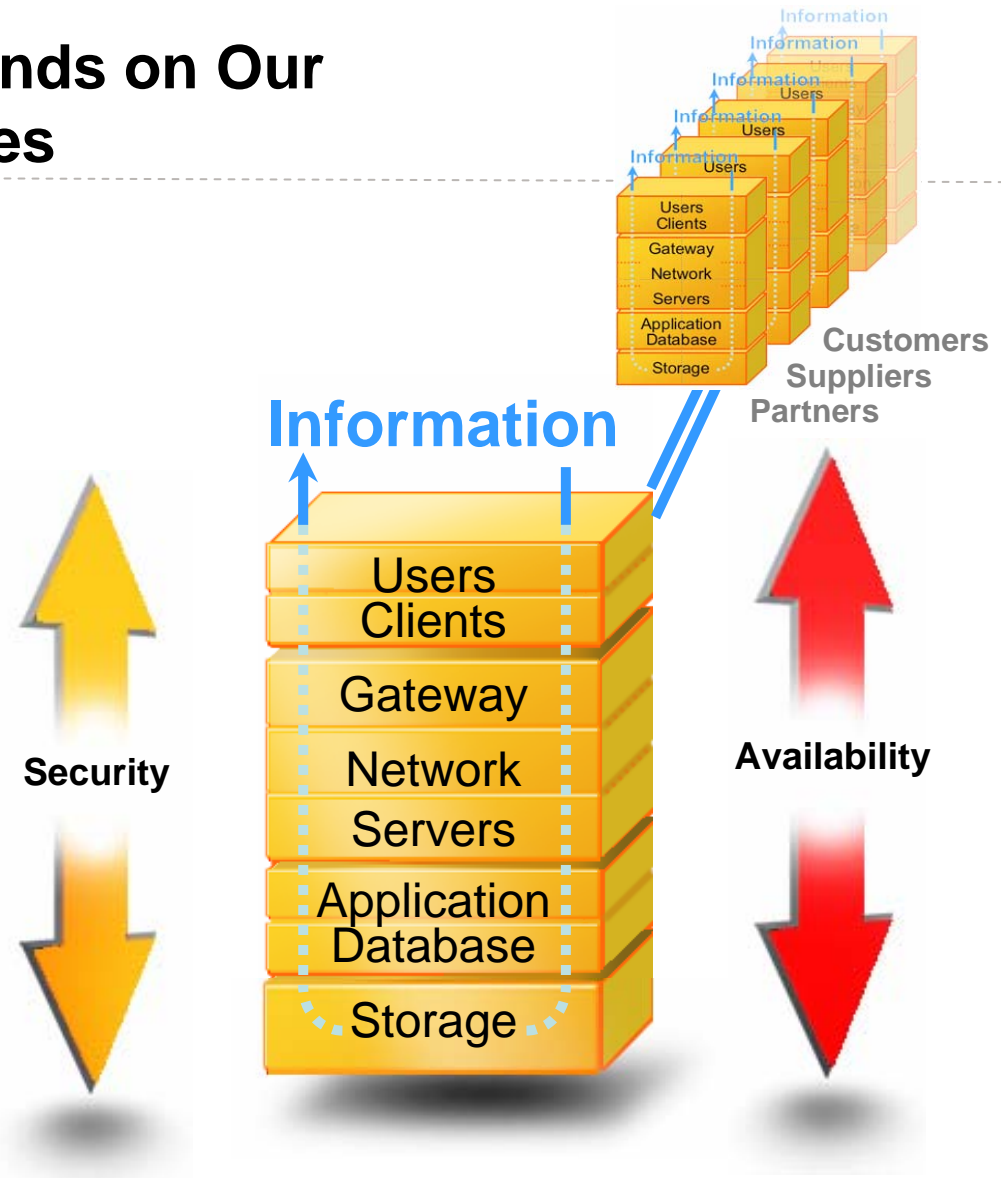
- **Greater Efficiency**
- **Less Complexity**
- **Greater Compliance**
- **Reduced Risk**

The result is greater resilience in your infrastructure

Result: Greater Demands on Our Infrastructures

An Infrastructure Must:

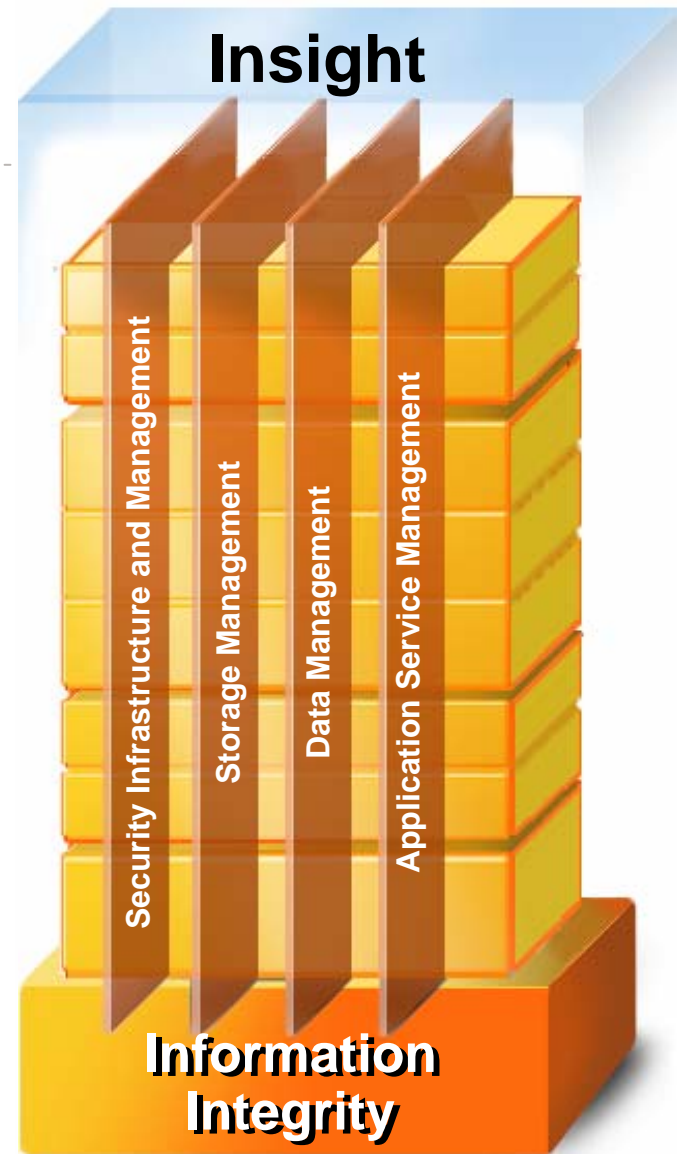
- ▶ Be agile based on changing business needs and threats
- ▶ Deliver maximum value from your IT technology, people and processes
- ▶ ***Enable ongoing demonstration of compliance***
- ▶ ***Ensure information is both safe and available 24 X 7 no matter where it lives***





Symantec Delivers

- ▶ End-to-end solutions that can proactively protect and recover information and IT assets
- ▶ External and internal insight to drive faster, better decision-making
- ▶ An integrated approach to maximize data and application availability, increase operating efficiency, and preserve business continuity
- ▶ Unmatched Capabilities
 - Unsurpassed product breadth and depth
 - Category and market leadership
 - OS and hardware vendor independence
 - Integrated services





How Can We...

...be more proactive about minimizing risks to our IT assets in order to preserve the availability of business services?

...be more efficient about demonstrating and sustaining strict IT controls compliance?

...reduce the cost of maintaining the availability, security and retention of information?

...improve utilization and drive operational efficiency of datacenter infrastructure assets, to improve returns to the business?



Solution Portfolio Defined

- ▶ **Security Infrastructure & Management** – *Defense-in-depth protection against attacks at all tiers*
- ▶ **Storage Management** – *Reduce storage-related downtime, improve storage utilization and simplify storage administration*
- ▶ **Data Management** – *Simplify the management, protection and recovery of data throughout its lifecycle, and rapidly recover systems*
- ▶ **Application Service Management** – *Optimize application and system availability and performance*
- ▶ **Insight** – *Use knowledge of the environment to provide actionable intelligence*



Security Infrastructure and Management



	IT Considerations	Benefits	Products and Services
	<ul style="list-style-type: none"> ▪ Get ahead of the issue ▪ Meet growing requirements despite limited resources ▪ Ensure information remains trustworthy ▪ Mitigate risk of new business opportunities ▪ Block security threats at multiple points of entry 	<ul style="list-style-type: none"> ▪ Reduce or limit impact by proactively addressing the problem before outbreak ▪ Maintain protection against increasingly complex threats ▪ Security of perimeter, servers, and end-points (including mobile) ▪ Consistent protection through centralized and automated processes 	<ul style="list-style-type: none"> ▪ Symantec AntiVirus ▪ Symantec Client Security ▪ Symantec Gateway Security ▪ Symantec Network Security, Symantec Host IDS ▪ Symantec Mail Security, Symantec BrightMail AntiSpam ▪ Symantec ESM ▪ Symantec Security Information Management ▪ Implementation, Education and Training Services



Storage Management



IT Considerations

- Rapid storage growth
- Requirement for zero downtime
- Device proliferation
- Heterogeneous environments
- Centralized management

Benefits

- All storage infrastructure in one integrated stack
- Proven and reliable
- Reduced storage costs
- Integrated with backup and availability solutions
- Broad OS, application and storage support

Products and Services

- VERITAS Storage Foundation
- VERITAS Storage Foundation for Networks
- CommandCentral Storage
- Storage-related Services



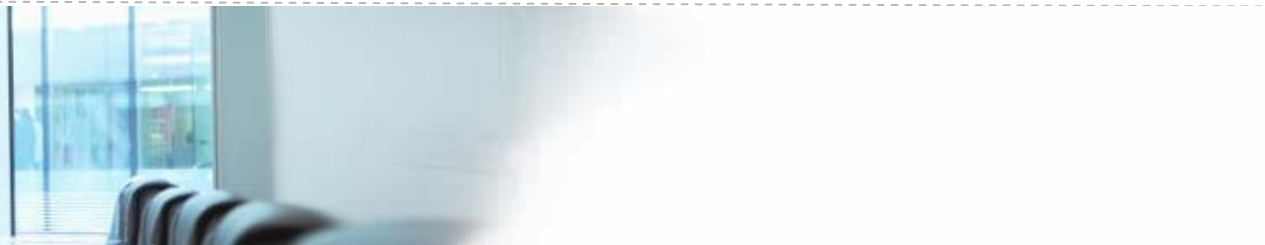
Data Management



	IT Considerations	Benefits	Products and Services
	<ul style="list-style-type: none"> ▪ Storage needs continue to grow (content creation, archiving) ▪ Data and system availability is critical ▪ Heterogeneous environments ▪ Regulatory requirements ▪ Comprehensive, centralized data and systems protection 	<ul style="list-style-type: none"> ▪ Simple and reliable data and system protection ▪ Reduce data exposed to loss ▪ Reduce storage costs ▪ Rapid recovery of essential corporate data and systems ▪ Easily store, manage, protect and recover business-critical information 	<ul style="list-style-type: none"> ▪ NetBackup & Options ▪ Backup Exec Suite & Options ▪ Enterprise Vault & Options ▪ LiveState Recovery Clients & Manager ▪ Symantec Systems Management and Continuity Services ▪ Data Management Services



Application Service Management



	IT Considerations	Benefits	Products and Services
	<ul style="list-style-type: none"> ▪ Application and system performance, availability, and security ▪ Escalating support and management costs ▪ Complexity ▪ Time consuming and labor intensive software deployment 	<ul style="list-style-type: none"> ▪ Increased revenue through greater transaction throughput ▪ Reduce problem resolution time ▪ Increase productivity ▪ Reduce finger pointing ▪ Higher service levels ▪ Consistent standards for operating environments 	<ul style="list-style-type: none"> ▪ i3: Insight, Inform, Indepth ▪ CommandCentral Service ▪ OpForce ▪ LiveState Delivery ▪ Ghost Solution Suite ▪ pcAnywhere ▪ LiveState Patch Manager ▪ Cluster Server & Cluster Server Live Migration ▪ LiveState Enterprise Asset Server ▪ LiveState Client Management Suite



Insight



IT Considerations

- Maintain awareness and knowledge of increasingly complex threats
- Meet growing systems management requirements despite limited resources
- Access reliable expertise to prevent and solve problems, accelerate and optimize operations
- Proactively mitigate risk for newly deployed IT projects
- Effectively track and manage IT assets and establish license compliance

Benefits

- End to end visibility and service level management to align business with operations
- Performance monitoring and remediation to increase performance and utilization
- Automation to reduce management costs, shield complexity, and react quickly
- Gain control of client devices via automated discovery of hardware and software assets

Products and Services

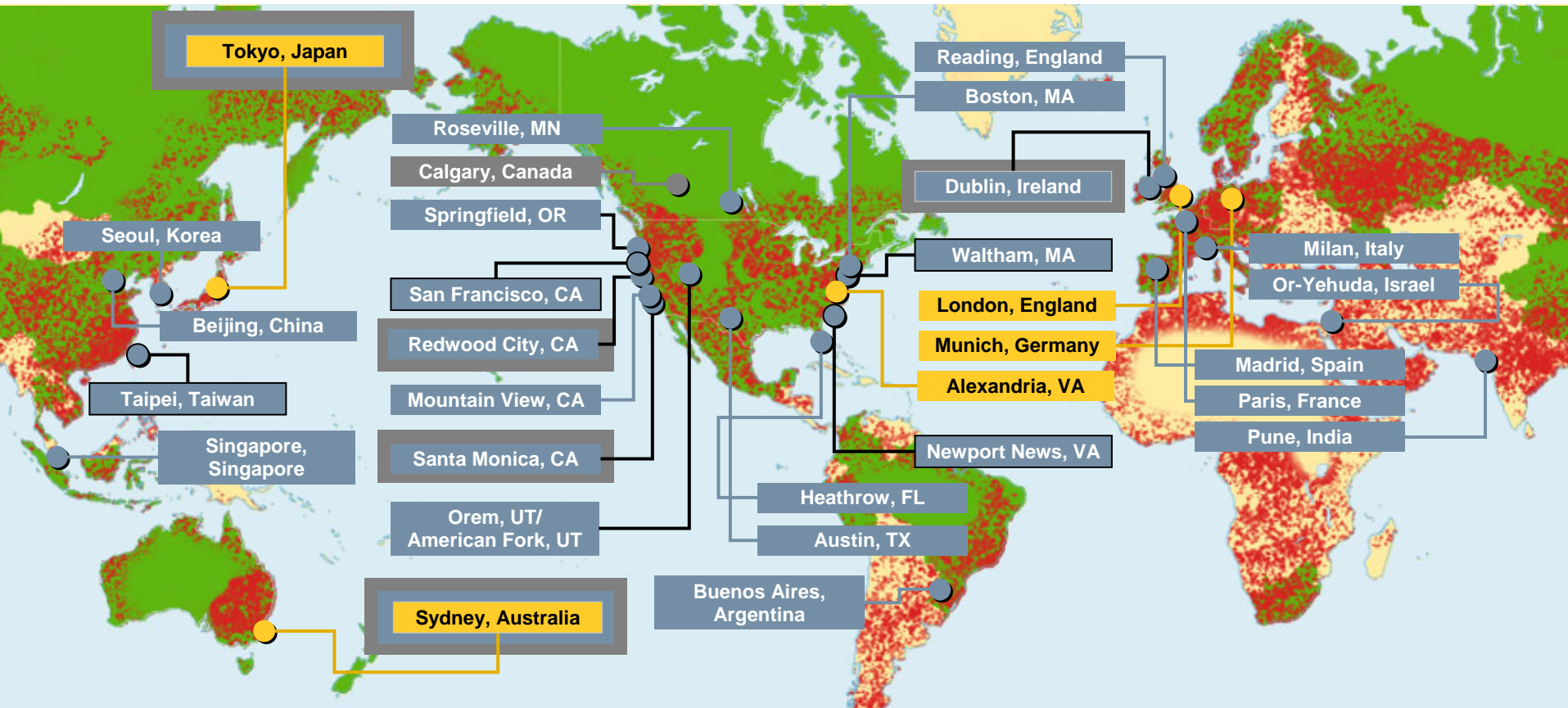
- CommandCentral Service
- Consulting Advisory Services
- Consulting Solutions Enablement Services
- Managed Security Services
- DeepSight Alert Services
- DeepSight Threat Mgmt System
- Symantec Discovery



Global Intelligence Network Provides Unmatched Insight



Over 4,300 Managed Security Devices + 120 Million Symantec Systems Worldwide



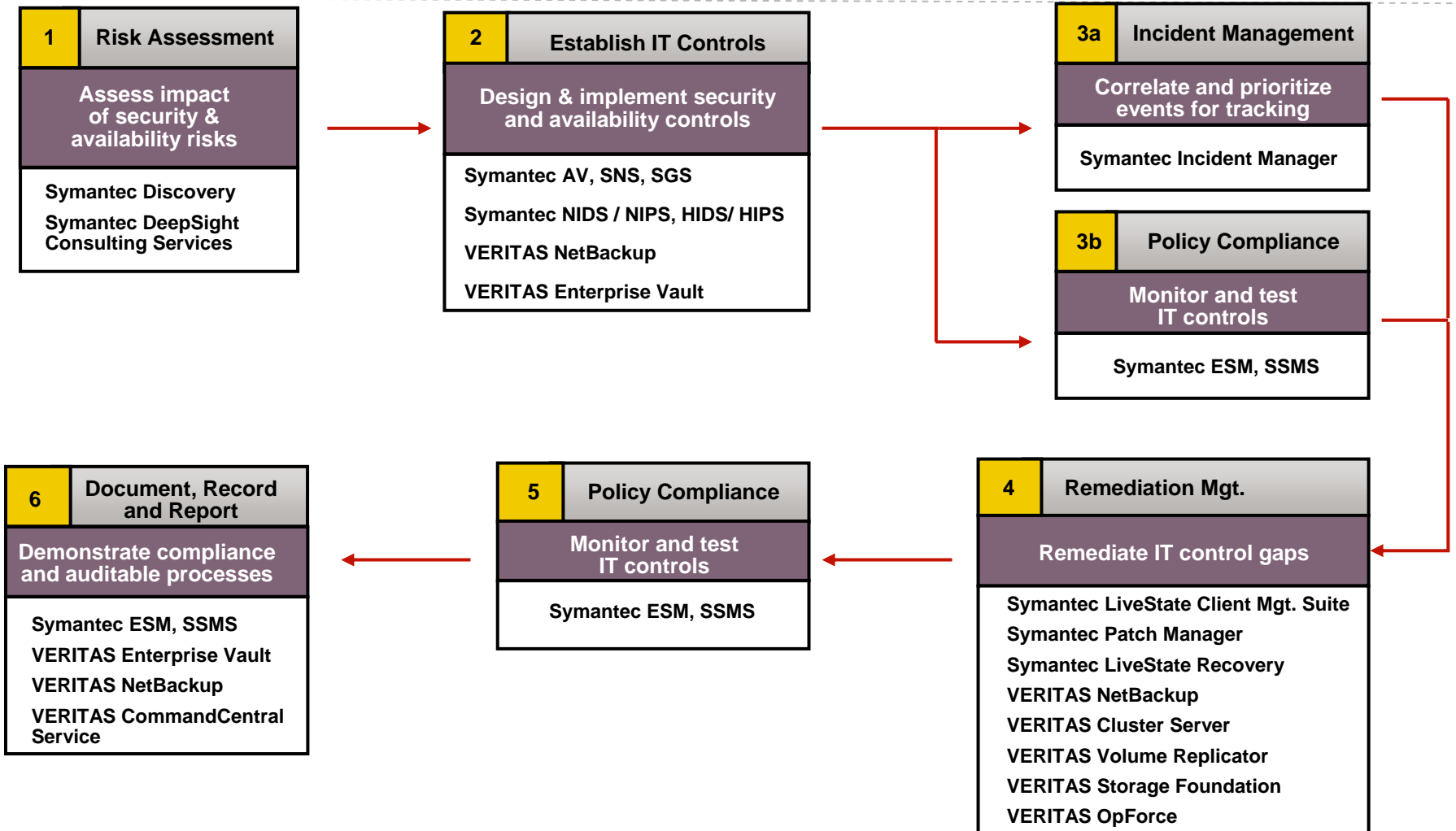


Symantec Information Integrity Solution Scenarios



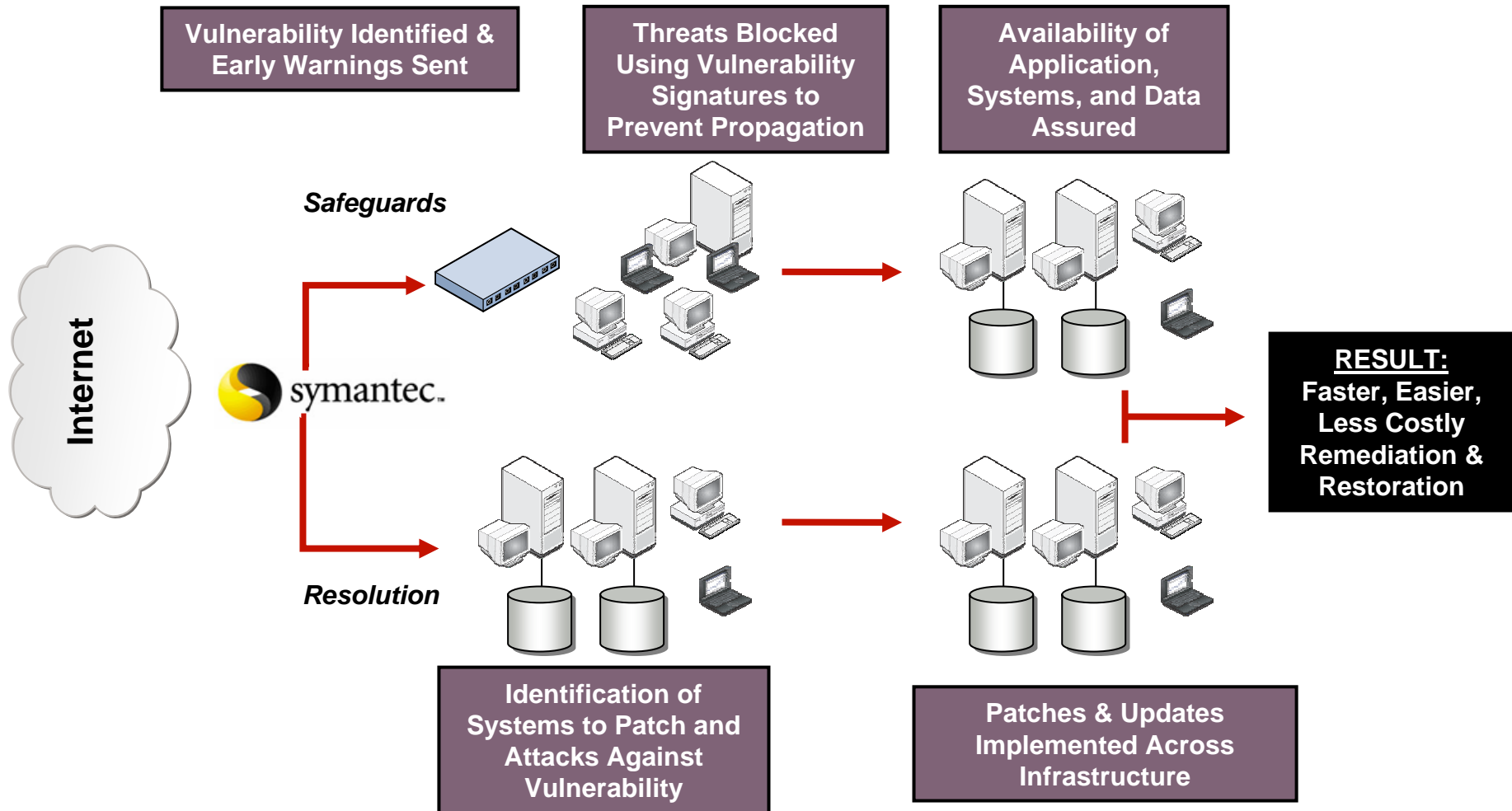


Sustain IT Controls Compliance



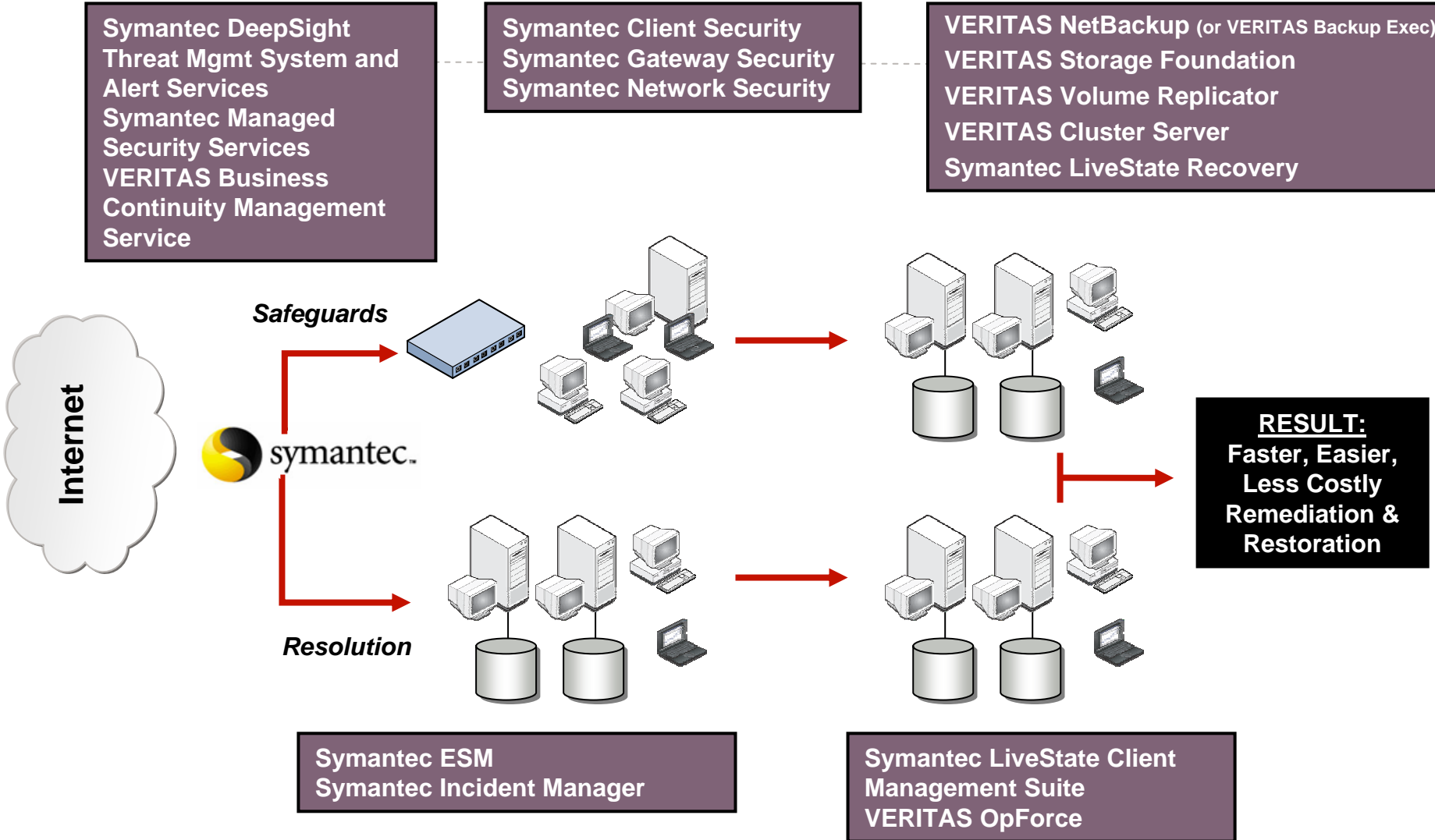


Preserving Availability of Business Services





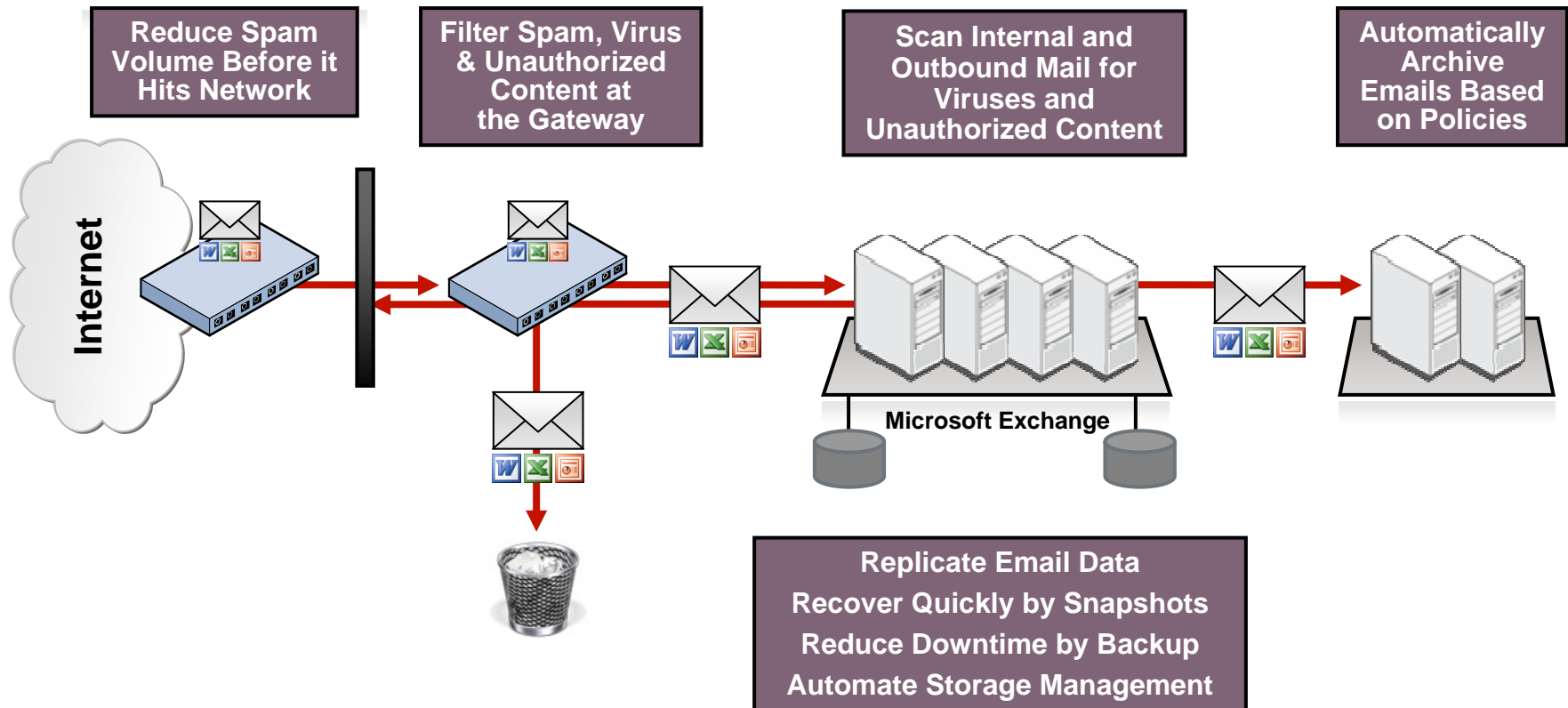
Preserving Availability of Business Services





Keep Email Information Secure and Available

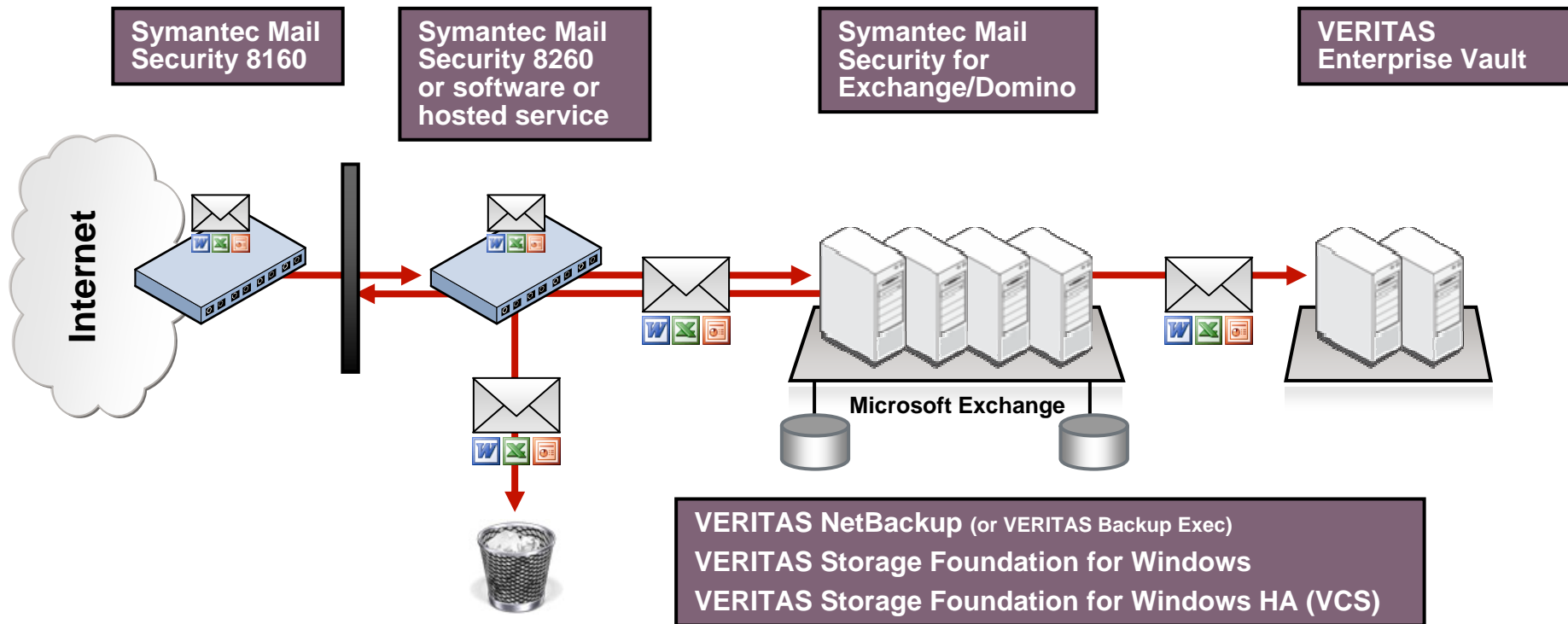
Best-in-class, comprehensive solution to help ensure the security and availability of your mission-critical business communication channel





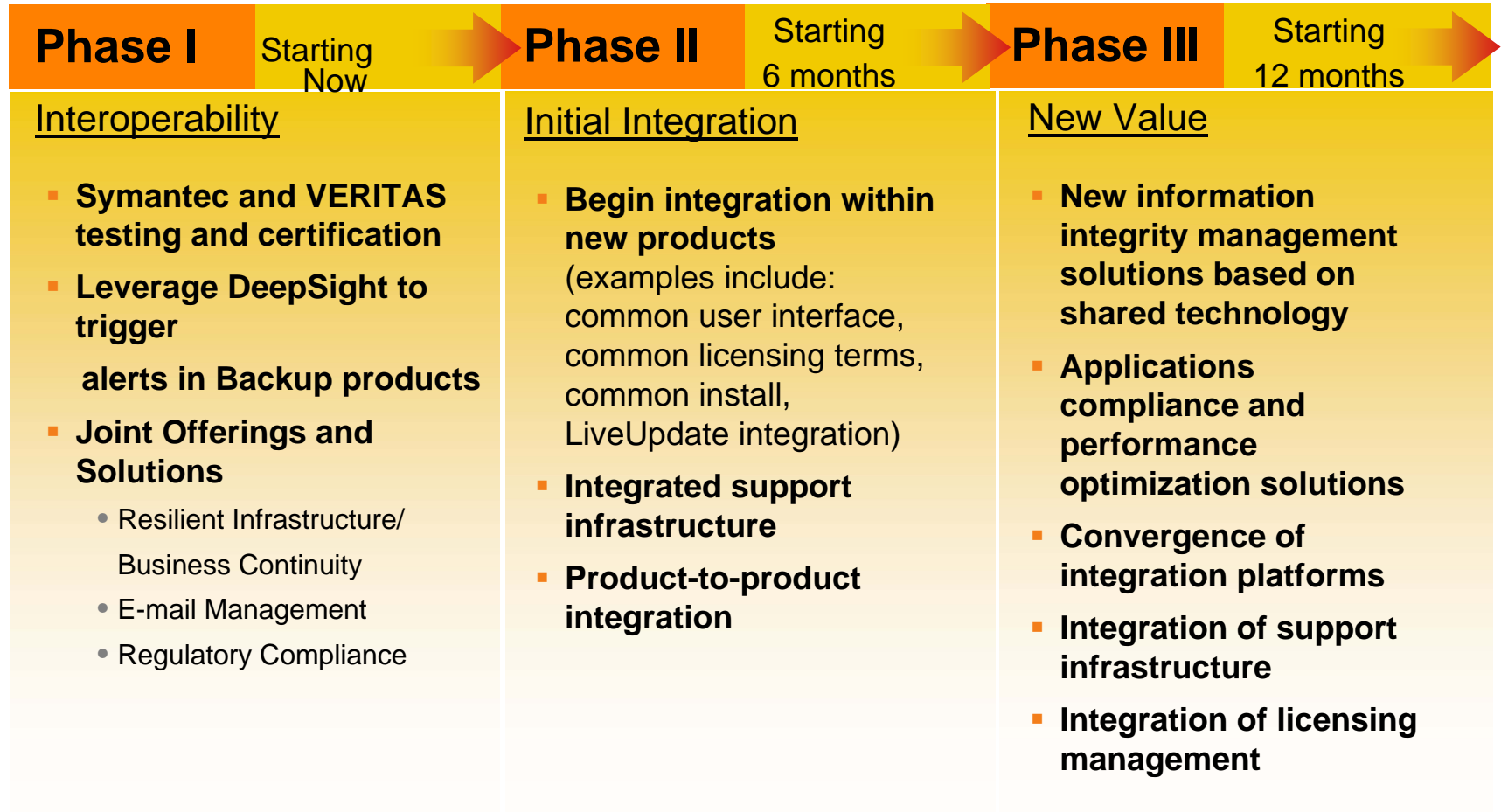
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Integration Phases





Roadmap Highlights

- ▶ No product EOLs planned as a result of integrated roadmap
- ▶ The merger will not distract us from ongoing enhancements for existing products in the portfolio
- ▶ As tighter product integration occurs, our standard product migration and support policies will be employed
- ▶ LiveUpdate™ will be implemented in VERITAS products
- ▶ Licensing schema and enforcement mechanisms convergence
- ▶ Convergence between systems, storage and security will hinge on management solutions and platforms
- ▶ Focus on leveraging complementary security and availability products into solutions



Why Symantec?





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