



Protection:  
It's about the infrastructure,  
information, and interactions





## Consumers Are Embracing a Digital Lifestyle



## With Opportunities Come Risks

**393 million global users of Instant Messaging**

**IM threats grew by 1,693% in 2005**

**57% of SMB businesses with websites generate significant revenue online**

**In 2005, US consumers lodged more than 196,503 internet related fraud complaints with the FTC**

**Usage of converged mobile devices grew 50% worldwide**

**One in five organizations said they have sustained financial losses due to attack on mobile data platforms**



## Enterprises Are Interacting in New Ways

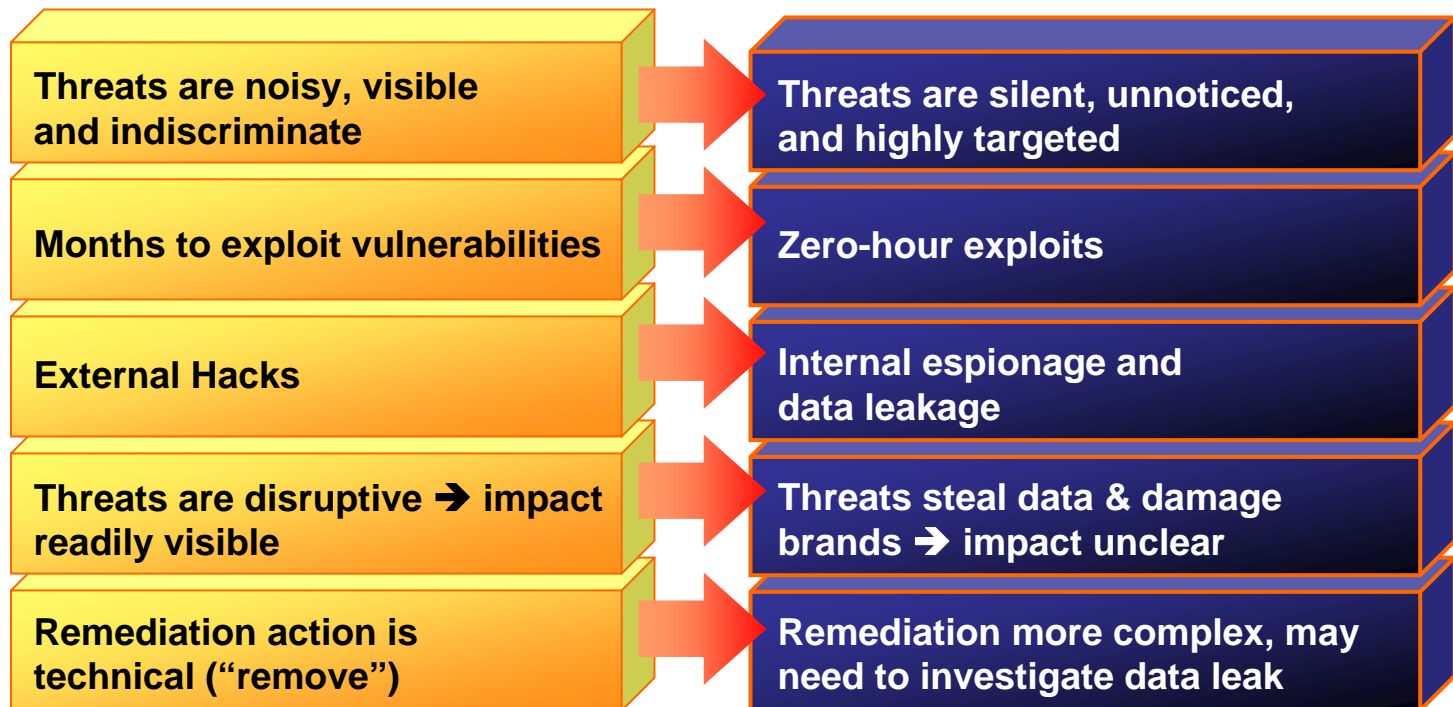




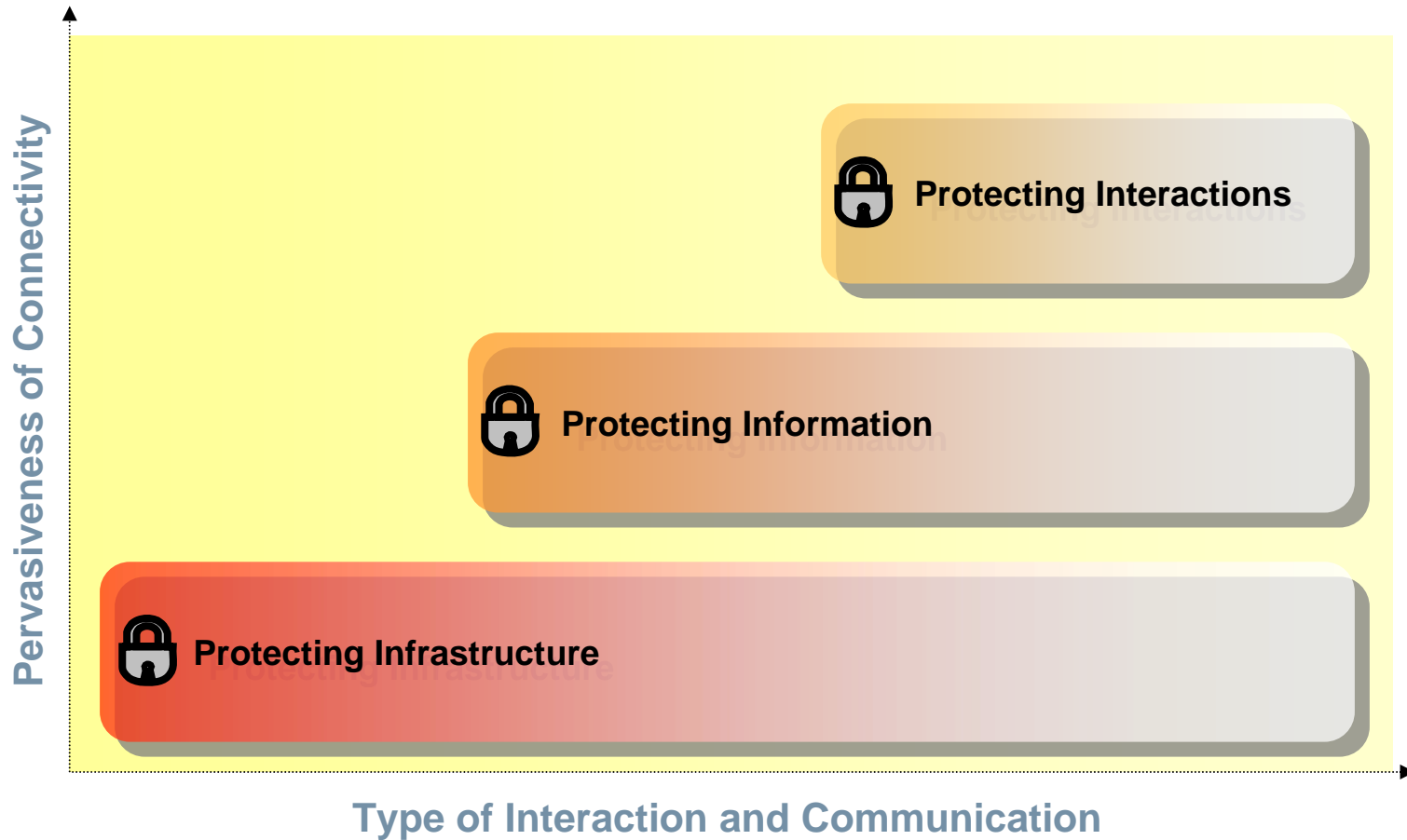
# IT Risks are Harder to Manage in a Changing Threat Landscape

Old Landscape

New Landscape

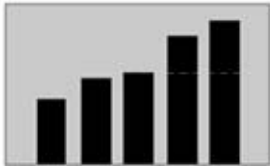


## Protection: Infrastructure, Information, Interactions





## Managing the Infrastructure



**Improve  
Service  
Levels**



**Manage  
Cost**

## Data Center Roadmap

**Protect**

**Standardize**

**Enable  
ITSM**

**Optimize IT Assets and Operations**

# The Data Center



ORACLE  
Microsoft SQL Server 2005  
DB2  
Informix SOFTWARE  
SYBASE  
MySQL

**Databases**



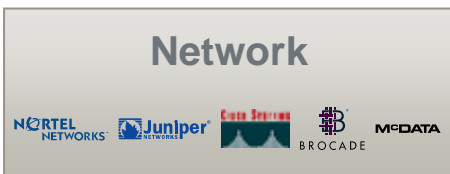
bea  
IBM  
SAP  
ORACLE  
Microsoft

**Middleware**



SAP  
ORACLE  
Microsoft  
Custom Applications

**Applications**



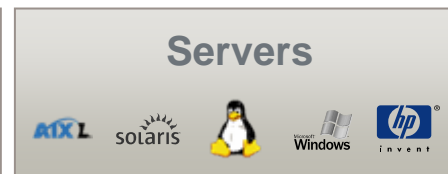
**Network**

NORTEL NETWORKS  
Juniper NETWORKS  
Cisco Systems  
BROCADE  
McDATA



**Storage**

hp invent  
HITACHI  
IBM  
EMC<sup>2</sup> where information lives  
Network Appliance



**Servers**

ATI  
solaris  
Linux  
Windows  
hp invent



**Virtual Machines**

Xen  
vmware  
intel



# Infrastructure Software in the Data Center









**Databases**








**Middleware**



**Applications**

## Data Protection

- Backup
- Media management
- Snapshot services
- Archiving

## Storage Management

- File system
- Volume management
- Copy services
- Multi-pathing
- Resource mgmt.






## Server Management

- Clustering
- App. placement
- Provisioning
- Configuration mgmt.

## Application Performance

- Tuning advice
- Alerting
- Root cause analysis
- SLA reporting

**Network**






**Storage**








**Servers**




**Virtual Machines**















# Symantec Data Center Foundation

 <p><b>Databases</b></p>	 <p><b>Middleware</b></p>	 <p><b>Applications</b></p>
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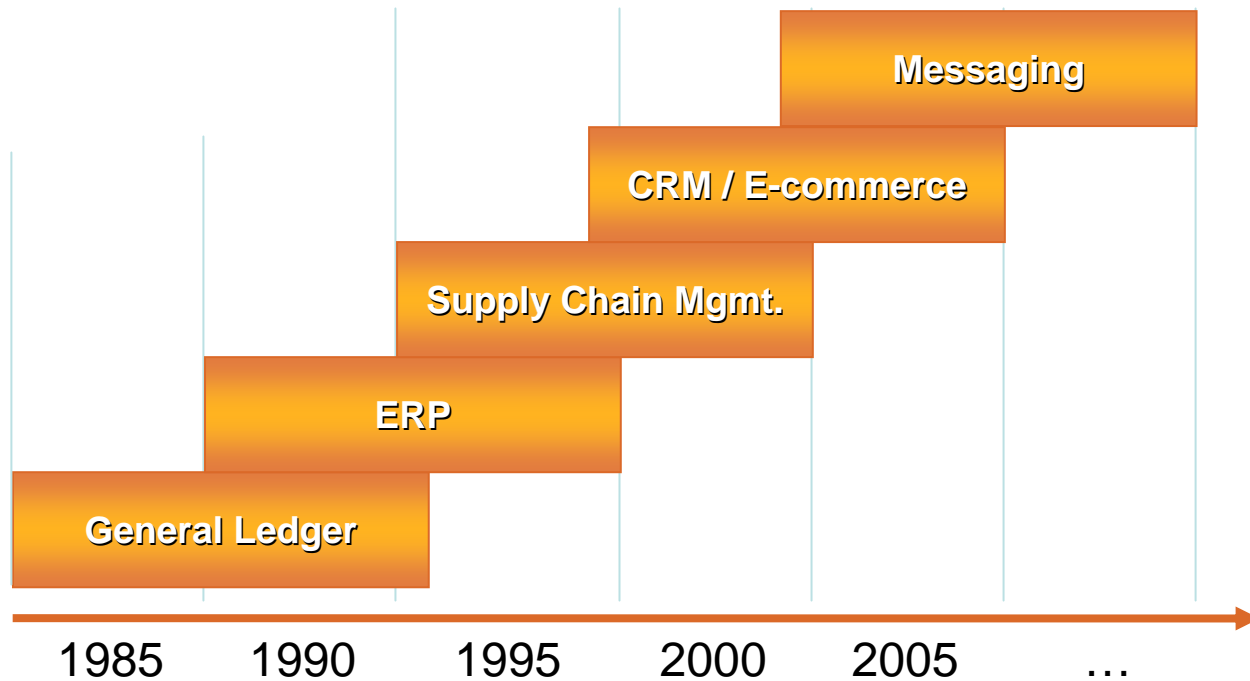
## Symantec Data Center Foundation

<p><b>Veritas NetBackup</b></p> 	<p><b>Veritas Storage Foundation</b></p> 	<p><b>Veritas Server Foundation</b></p> 	<p><b>Veritas i3—APM</b></p> 
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<p><b>Network</b></p> 	<p><b>Storage</b></p> 	<p><b>Servers</b></p> 	<p><b>Virtual Machines</b></p> 
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## Messaging is Mission Critical

“If Email Is Down, the Business Is Down”



**79%**

Of Companies Accept Email As  
Written Confirmation Of Transactions

**75%**

Of Fortune 500 Litigation Involves  
Discovery Of Email Communication

**75%**

Of A Typical Company's Intellectual  
Property Is Contained In Email

## Messaging Infrastructure has Real Challenges

Problem	% Responding Serious or Very Serious
Growth in storage requirements	65%
Spam—the amount that your organization receives	63%
Inadequate archiving	63%
Supporting traveling/field/remote users	57%
Virus/worms/Trojans impacting network/systems etc.	53%
Security/privacy/confidentiality of messages sent by users	52%
Phishing attacks	49%
Employees sending/receiving inappropriate content	49%

\* Osterman Research, Inc., Messaging Security Market Trends, 2005-2008

## Enterprise Messaging Management Solutions Must Address Critical Requirements

1 2 3 4 5

## Challenge: Complexity of Multiple Mandates and Non-Prescriptive Regulations

- 70% of businesses must comply with **multiple mandates** – regulations, standards, internal policies...
  - SOX
  - HIPAA
  - Basel II
  
- Regulations do not provide **actionable policies**

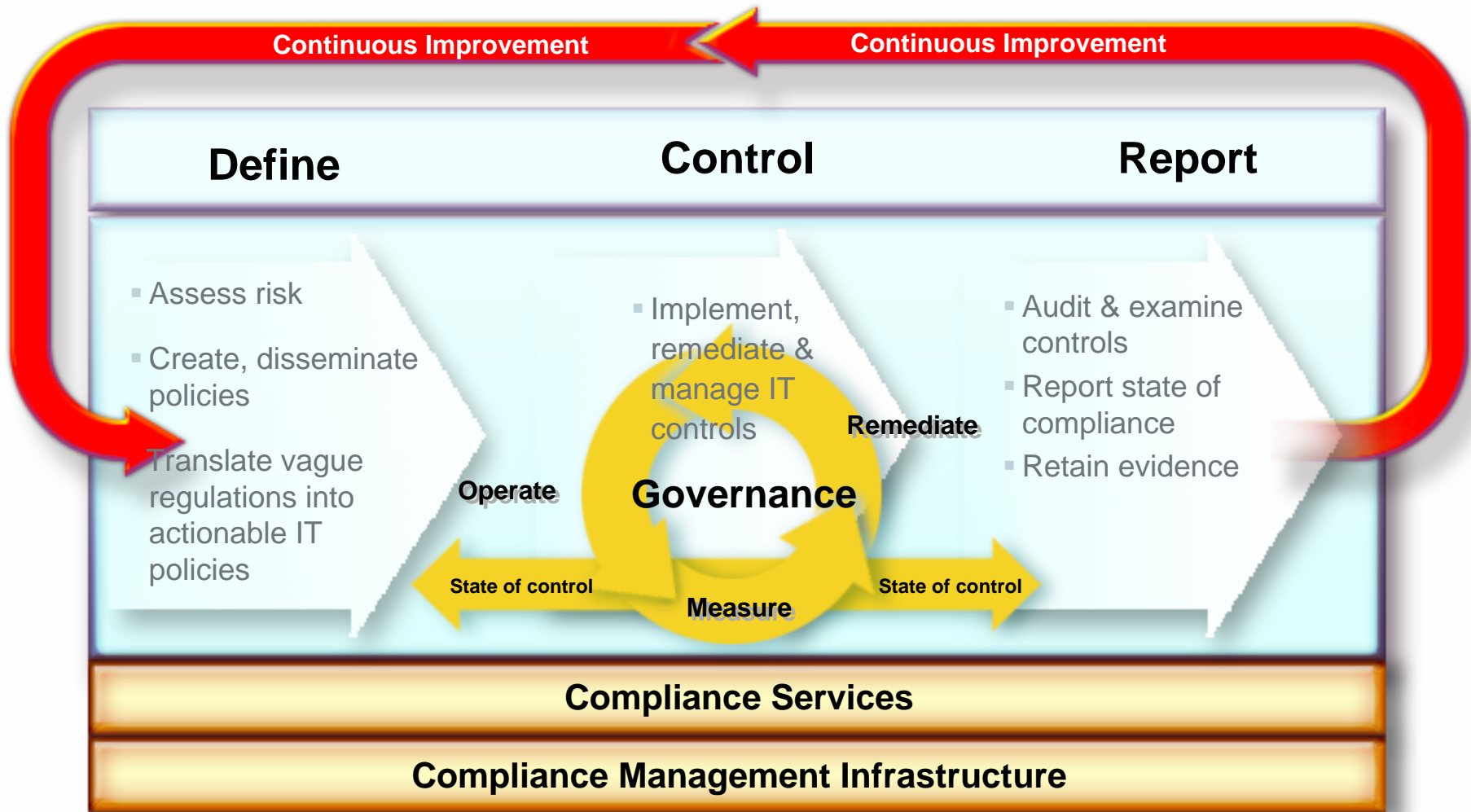
## Challenge: Controlling IT Compliance Costs

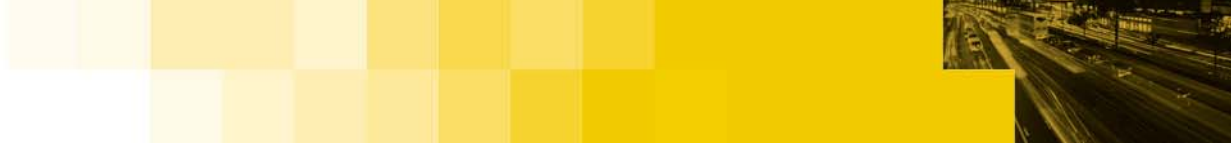
Success Factors	Laggards (23%)	Norm (67%)	Leaders (10%)
Freq of internal audits	8 Months	7 Months	1 Month
IT time on compliance	16%	25%	30%
IT budget on security	4.5%	7.4%	12.7%
# of overall deficiencies	75	30	20
# of significant deficiencies	33	6	2

Leaders are 15x better because they do more audits...  
 ...But they spend 3x more because they lack automation

Source: securitycompliance.com

# IT Policy Compliance Process Model





## Protection: It's About More Than Just Technology

People

Process

Technology



Thank You

