



# Confidence in a Connected World

MEEC

## Symantec Product Availability

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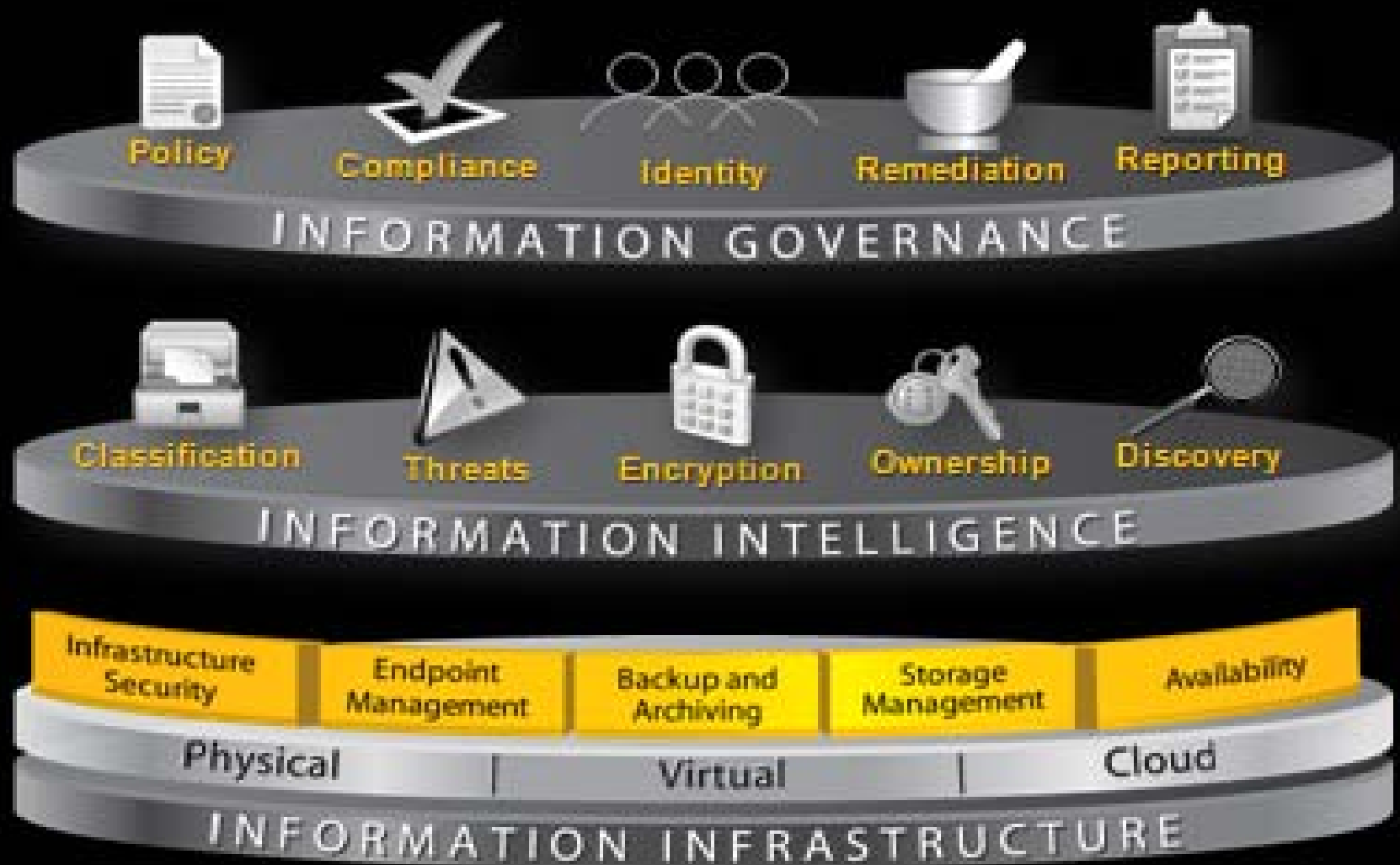
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# Agenda

- New threats means advanced security tactics
- SEP 12
- Symantec Protection Suite and Protection Center
- Security Solutions
- Backup and De-duplication
- SAMG
- Archiving
- Altiris

# The Information-Centric Model



# What You Might Not Know About Symantec – Industry Leader in Security, Storage and Availability



## Storage and Availability Management Leadership

- **Storage Infrastructure Software** (#1 market position<sup>14</sup>)
- **Core Storage Management Software** (#1 market position<sup>15</sup>)
- **Email Archiving** (#1 market position<sup>7</sup>, Positioned in Leader's Quadrant in Gartner Magic Quadrant<sup>8</sup>, Forrester Wave leader<sup>9</sup>)
- **Data Protection** (#1 market position<sup>16</sup>)

## Security Leadership

- **Consumer Endpoint Security** (#1 market position<sup>1</sup>)
- **Endpoint Security** (#1 market position<sup>2</sup>, Positioned in Leader's Quadrant in Gartner Magic Quadrant<sup>3</sup>)
- **Messaging Security** (#1 market position<sup>4</sup>, Positioned in Leader's Quadrant in Gartner Magic Quadrant leader<sup>5</sup>)
- **Policy & Compliance** (#1 market position<sup>6</sup>)
- **Data Loss Prevention** (#1 market position, Positioned in Leader's Quadrant in Gartner Magic Quadrant<sup>10</sup> and Forrester Wave leader<sup>11</sup>)
- **Security Management** (#1 market position<sup>12</sup>)
- **Security Information & Event Management (SIEM)** (Positioned in Leader's Quadrant in Gartner Magic quadrant<sup>13</sup>)

# Malware Authors Have Switched Tactics



75% of malware infect less than 50 machines

From:

A mass distribution – one worm hits millions of PCs

- Storm made its way onto millions of machines across the globe

To:

A micro distribution model.

- Hacked web site builds a trojan for each visitor
- The average **Harakit** variant is distributed to 1.6 users!

# Symantec Endpoint Protection 12.1

# Symantec Endpoint Protection Family



## Symantec Endpoint Protection Small Business Edition

- Ideal for less than 100 users
- Maintain your own infrastructure
- All data stored on premise



## Symantec Endpoint Protection.cloud

- For Businesses with less than 250 users
- Cloud-based service
- No management hardware needed

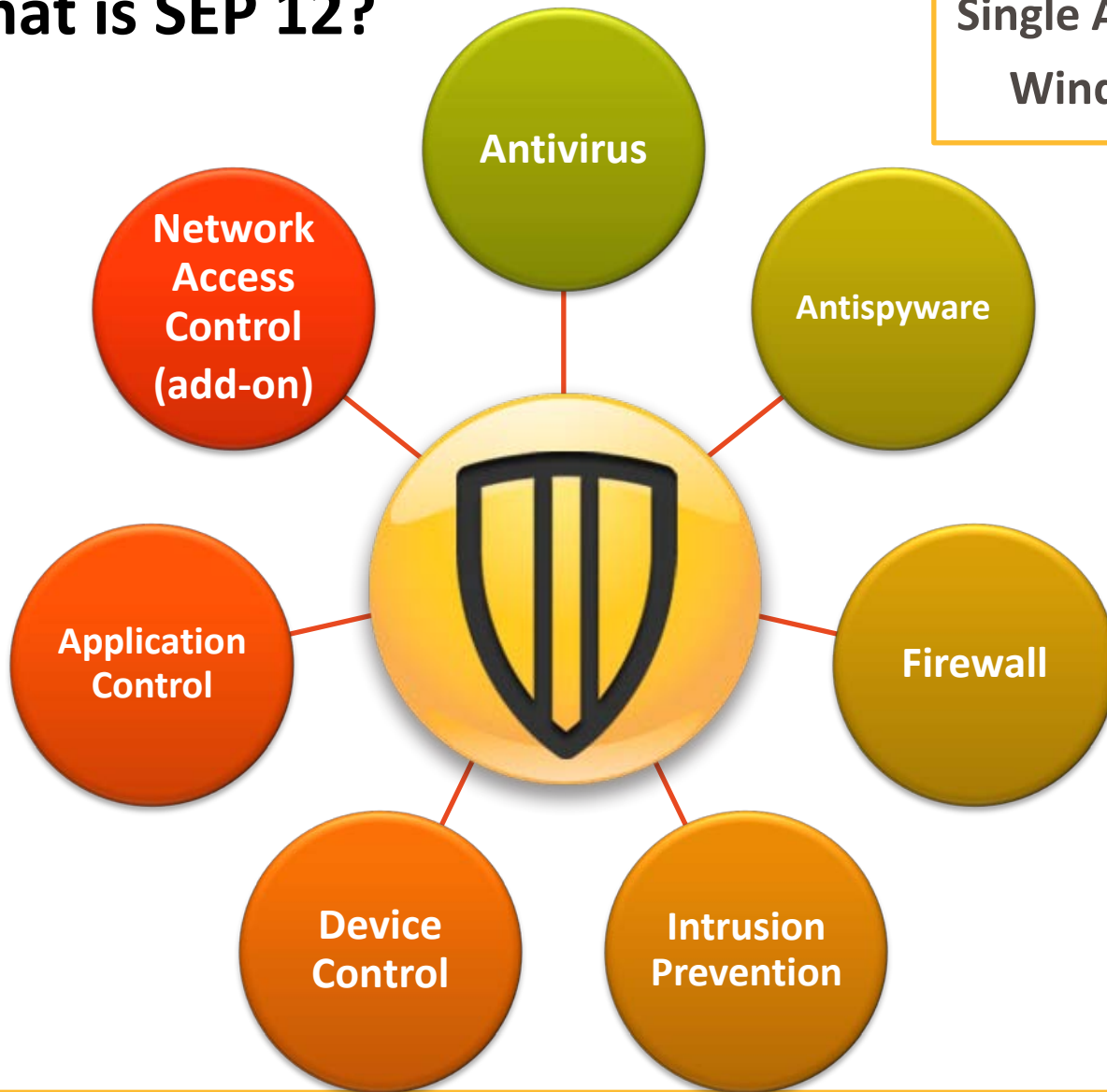


## Symantec Endpoint Protection

- Scales from hundreds to thousands of users
- Powerful central management
- Ideal for virtual environments

# What is SEP 12?

Single Agent, Single Console  
Windows, Mac & Linux



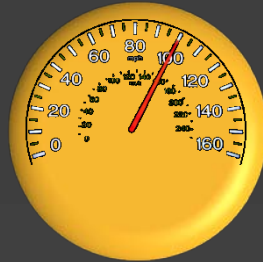


# What's New in SEP 12



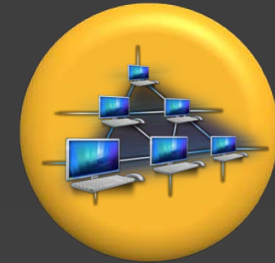
## Unrivaled Security

- Powered by Insight
- Real Time Behavior Monitoring with SONAR



## Blazing Performance

- Up to 70% reduction in scan overhead
- Smarter Updates
- Faster Management



## Built for Virtual Environments

- Tested and optimized for virtual environments
- Higher VM densities



# Powered by Insight

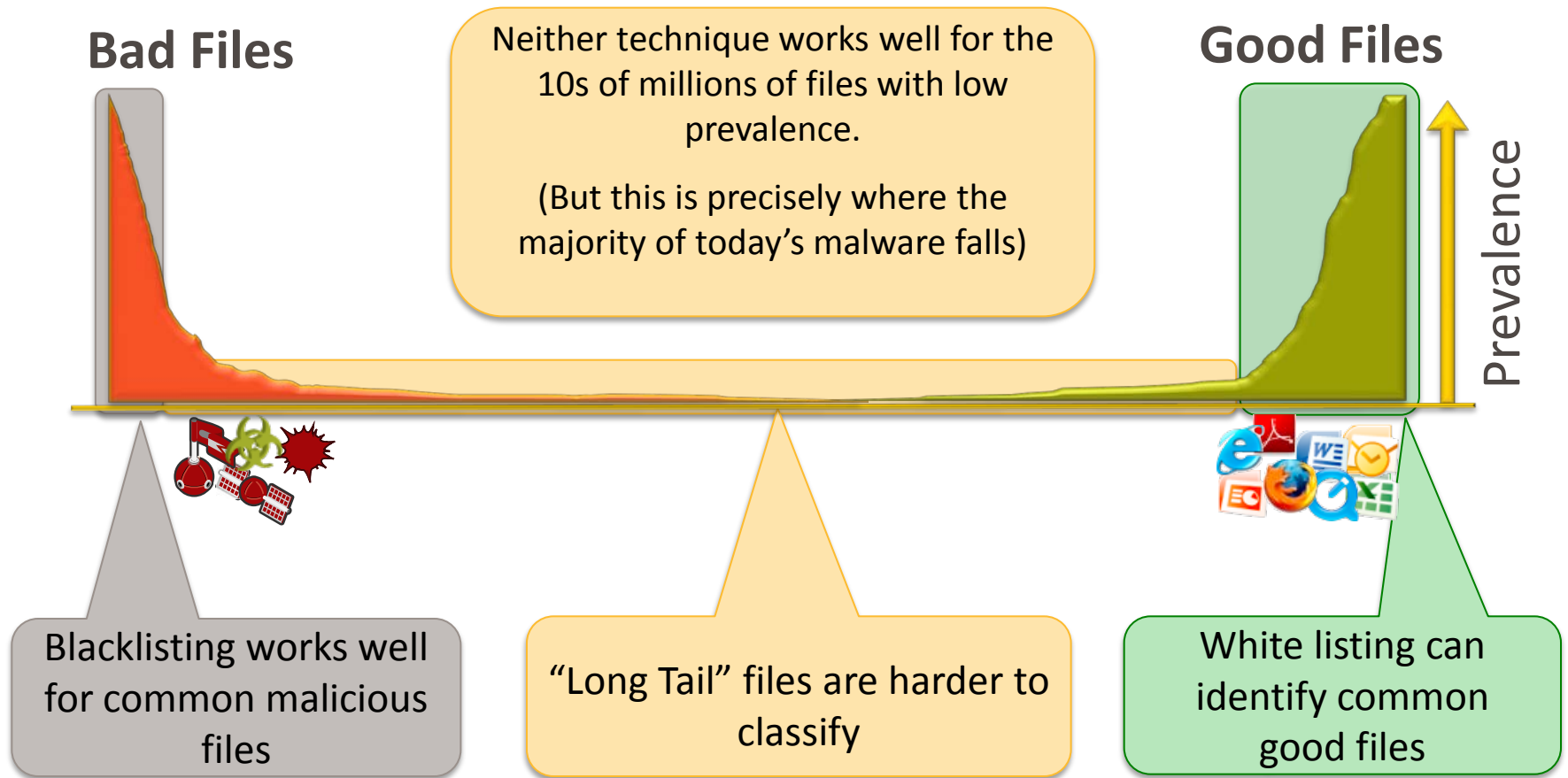
Proactive protection against new, mutating threats

- Puts files in context, using their age, frequency, location and more to expose threats otherwise missed
- Using community-based security ratings
- Derived from Symantec's more than 175 million endpoints

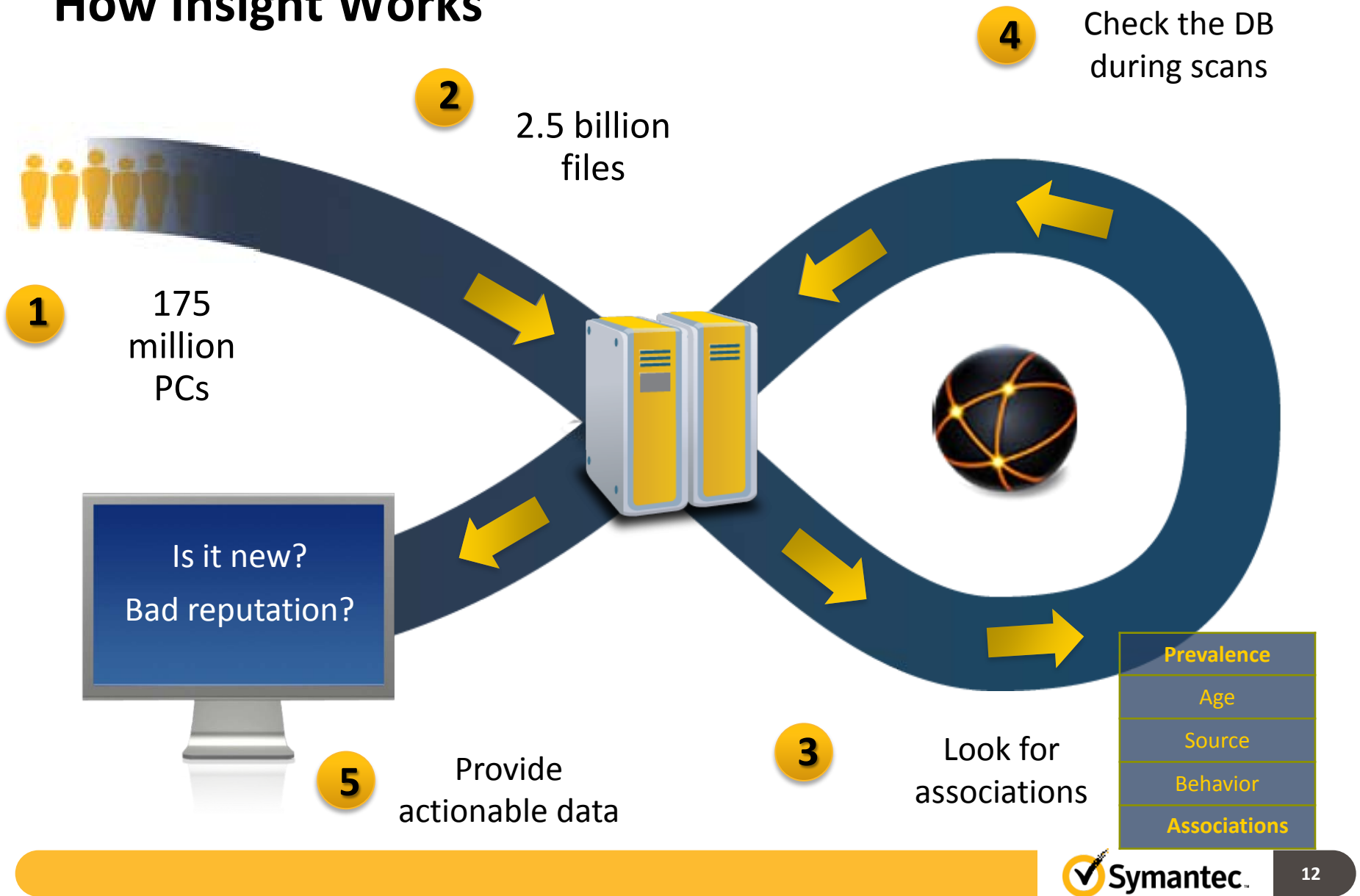
**Insight stopped Stuxnet**

# Why Insight?

- No existing protection addresses the “Long Tail”

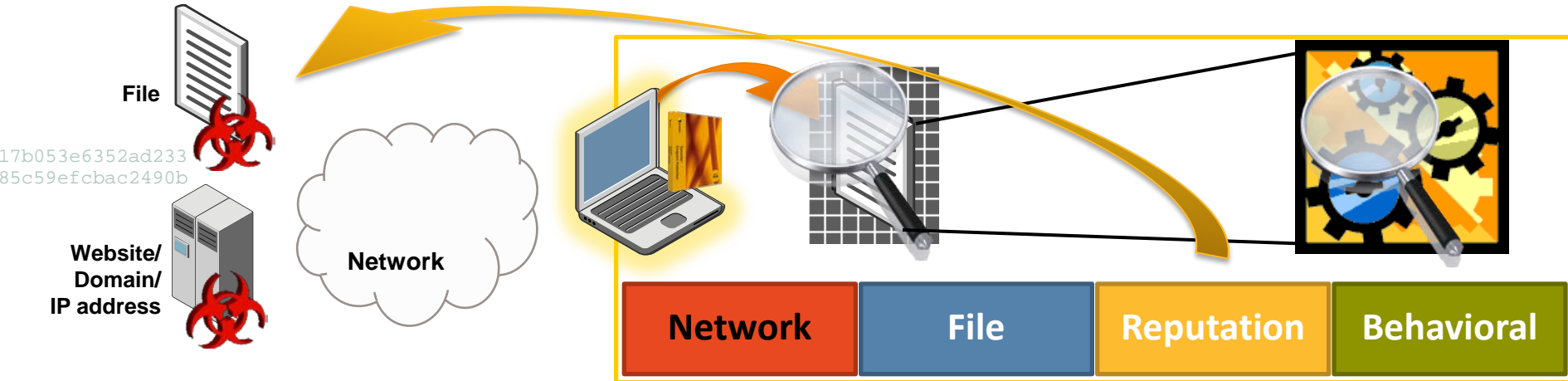


# How Insight Works



# Symantec Protection Model

## Defense in Depth



### 1 Network-based Protection

Stops malware as it travels over the network and tries to take up residence on a system

- Protocol aware IPS
- Browser Protection

### 2 File-based Protection

Looks for and eradicates malware that has already taken up residence on a system

- Antivirus Engine
- Auto Protect
- Malheur

### 3 Reputation-based Protection

Establishes information about entities e.g. websites, files, IP addresses to be used in effective security

- Insight
- Domain Reputation
- File Reputation

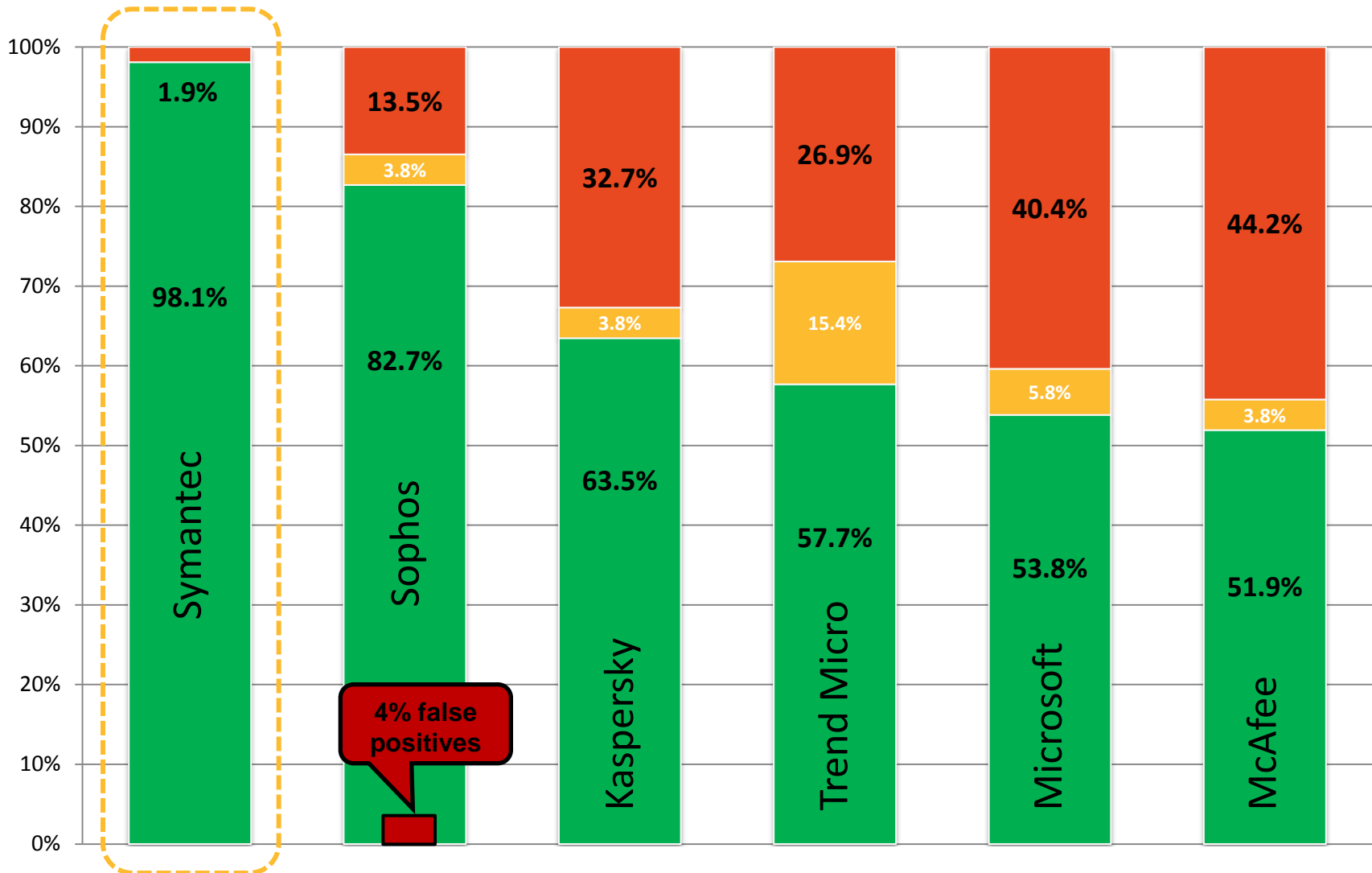
### 4 Behavioral-based Protection

Looks at processes as they execute and uses malicious behaviors to indicate the presence of malware

- SONAR
- Behavioral Signatures

# Most Effective in Real World Test

■ Blocked ■ Partial ■ Infected



# Faster Scans



**Traditional Scanning**  
Has to scan every file



**On a typical system, 70% of active applications can be skipped!**



**Insight - Optimized Scanning**  
Skips any file we are sure is good,  
leading to much faster scan times

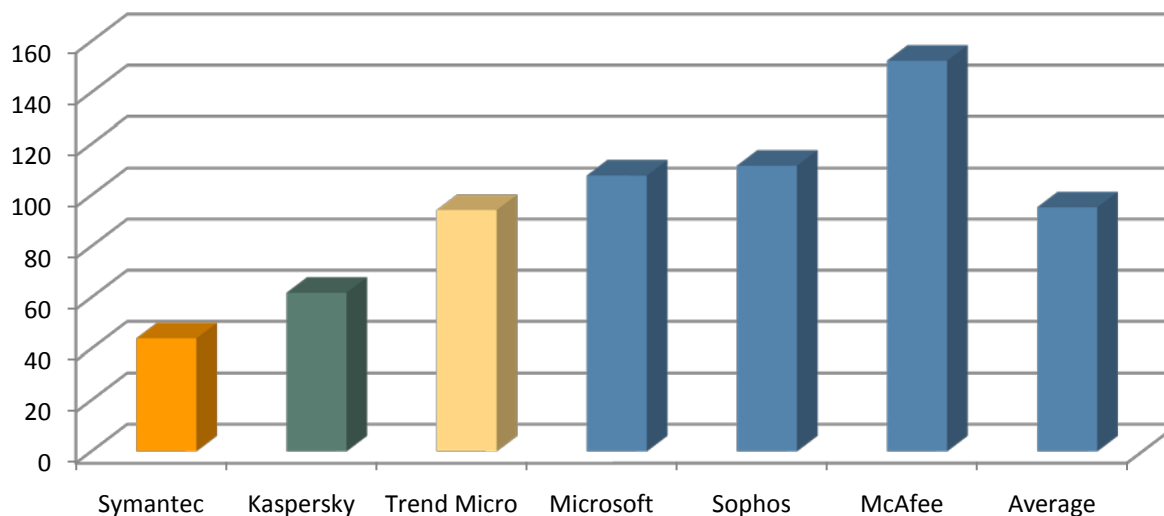
# Scan Speed

Symantec Endpoint Protection 12 Scans:

- 3.5X faster than McAfee
- 2X faster than Microsoft



**Ranked 1<sup>st</sup> in overall Performance!**

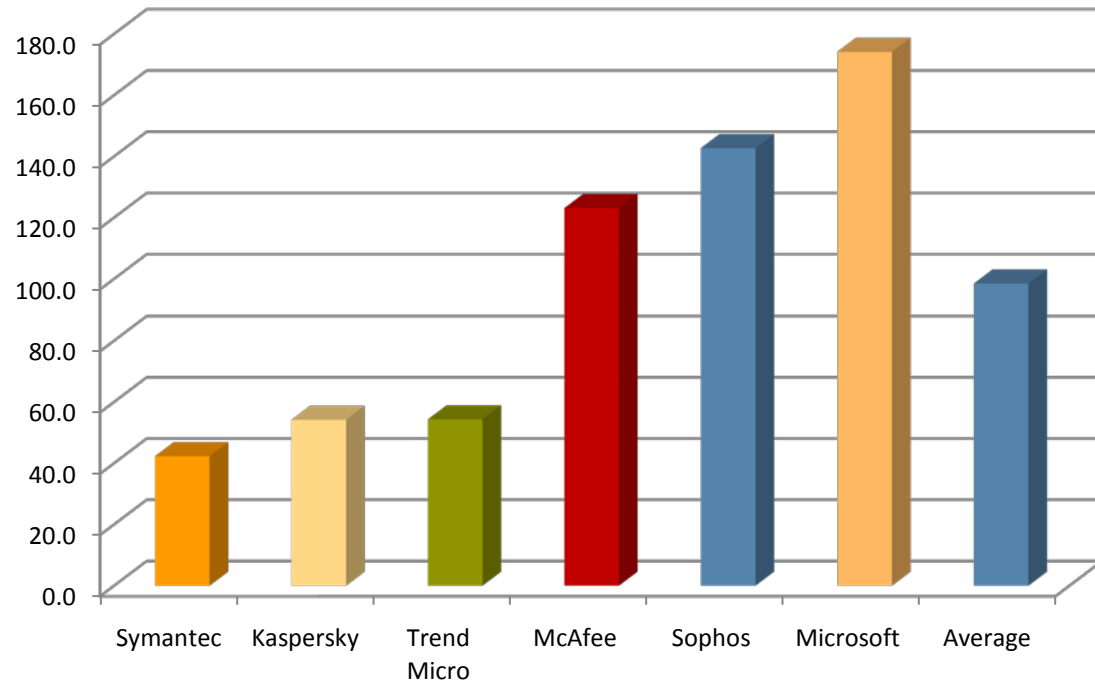




# Memory Use



Memory Usage

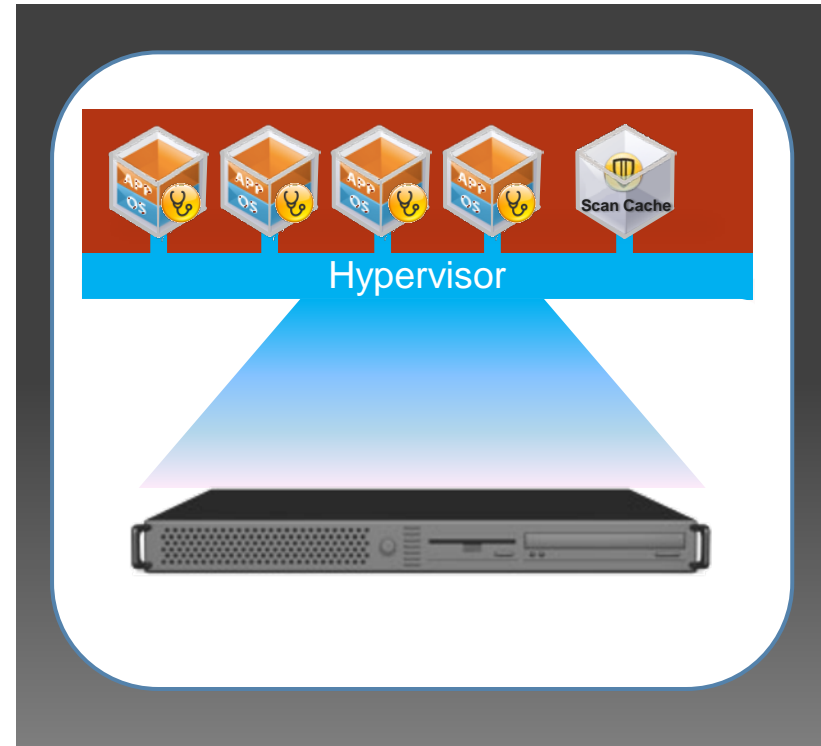


Symantec Endpoint Protection 12 uses:

- 66% less memory than McAfee
- 76% less memory than Microsoft

# Built for Virtual Environments

- Optimized for VMware, Citrix and Microsoft virtual environments
- Easy to manage physical and virtual clients
- Maximizes performance and density without sacrificing security
- Best in class performance and security

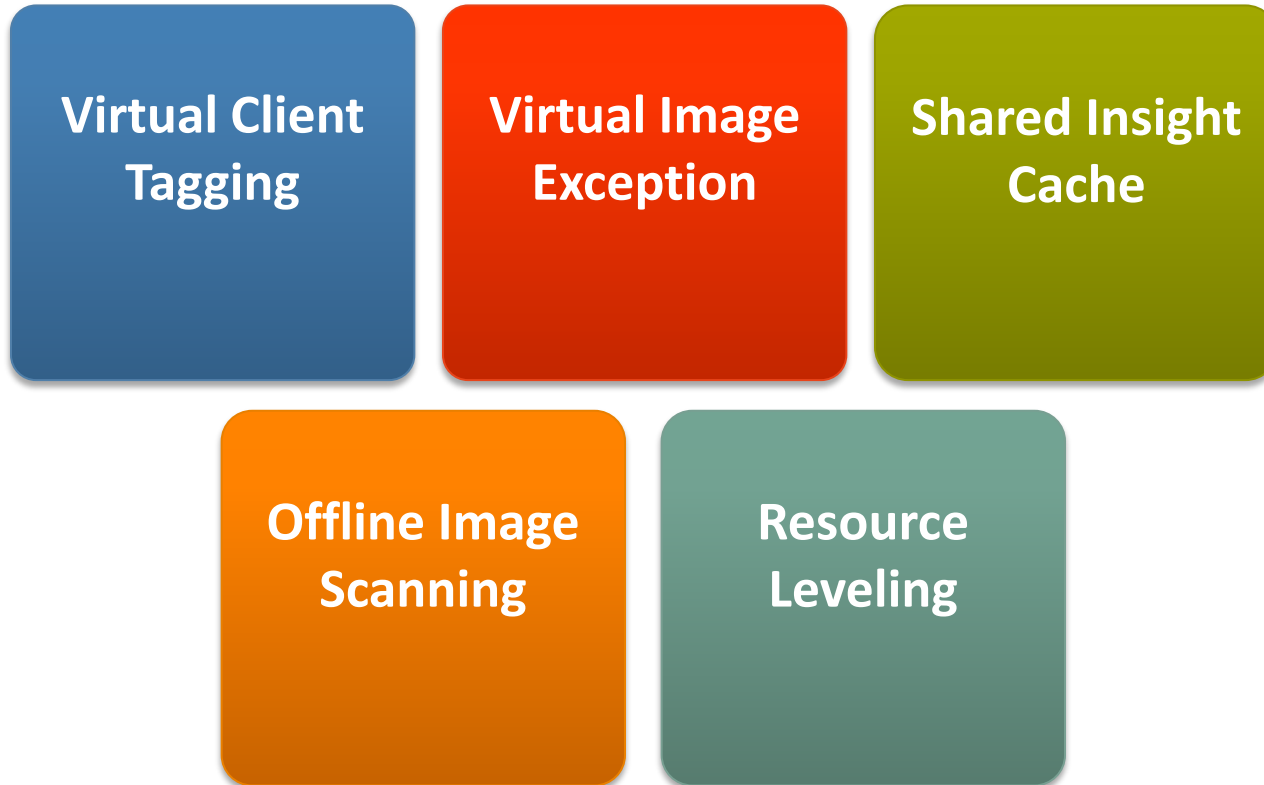


## SEP 12.1 Delivers What Matters



- Secures VMware without compromise
- Higher Density
- Avoid “AV-Storms”
- Easier Management

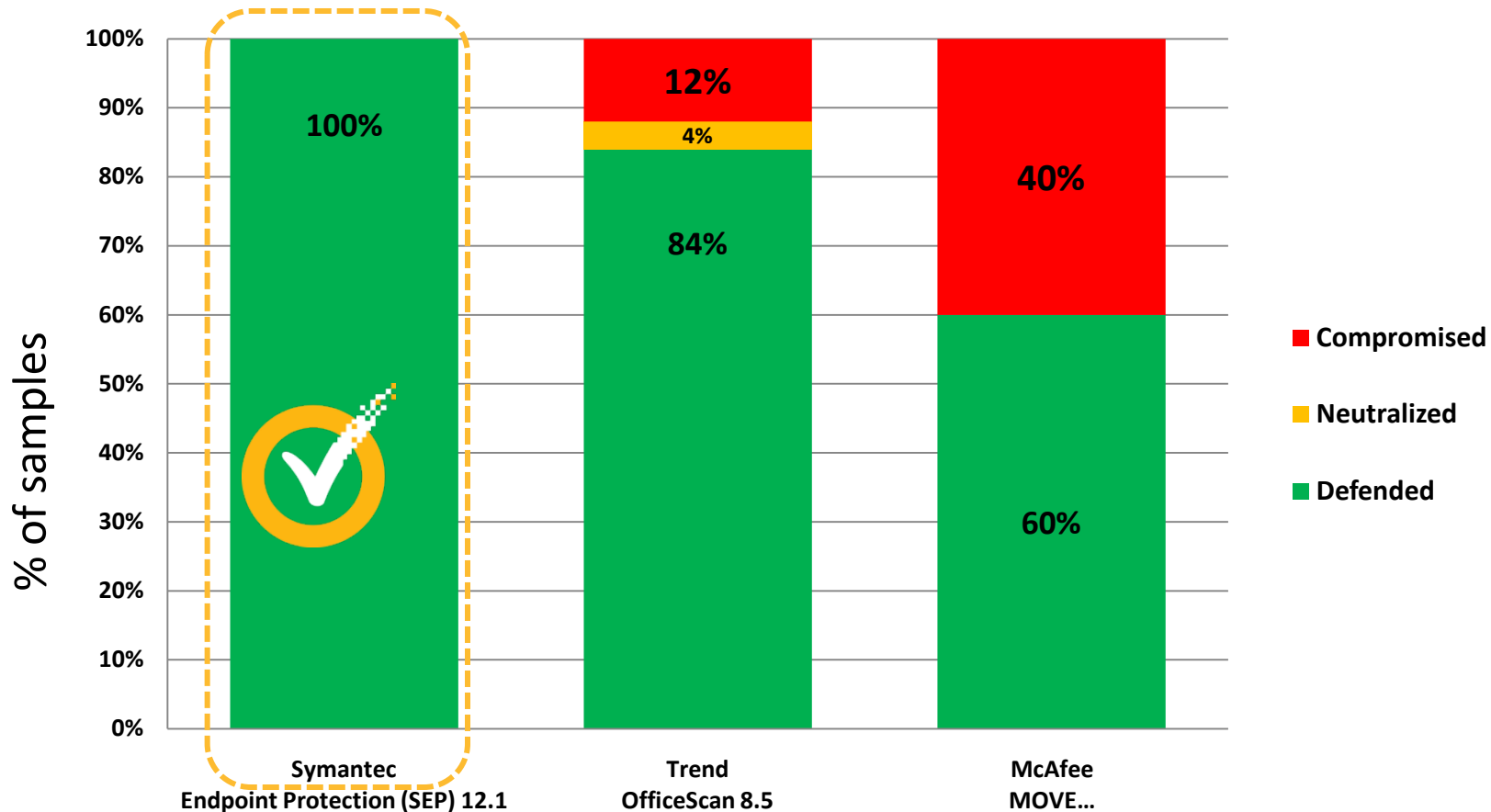
# Virtualization Features



**Together – up to 90% reduction in disk IO**

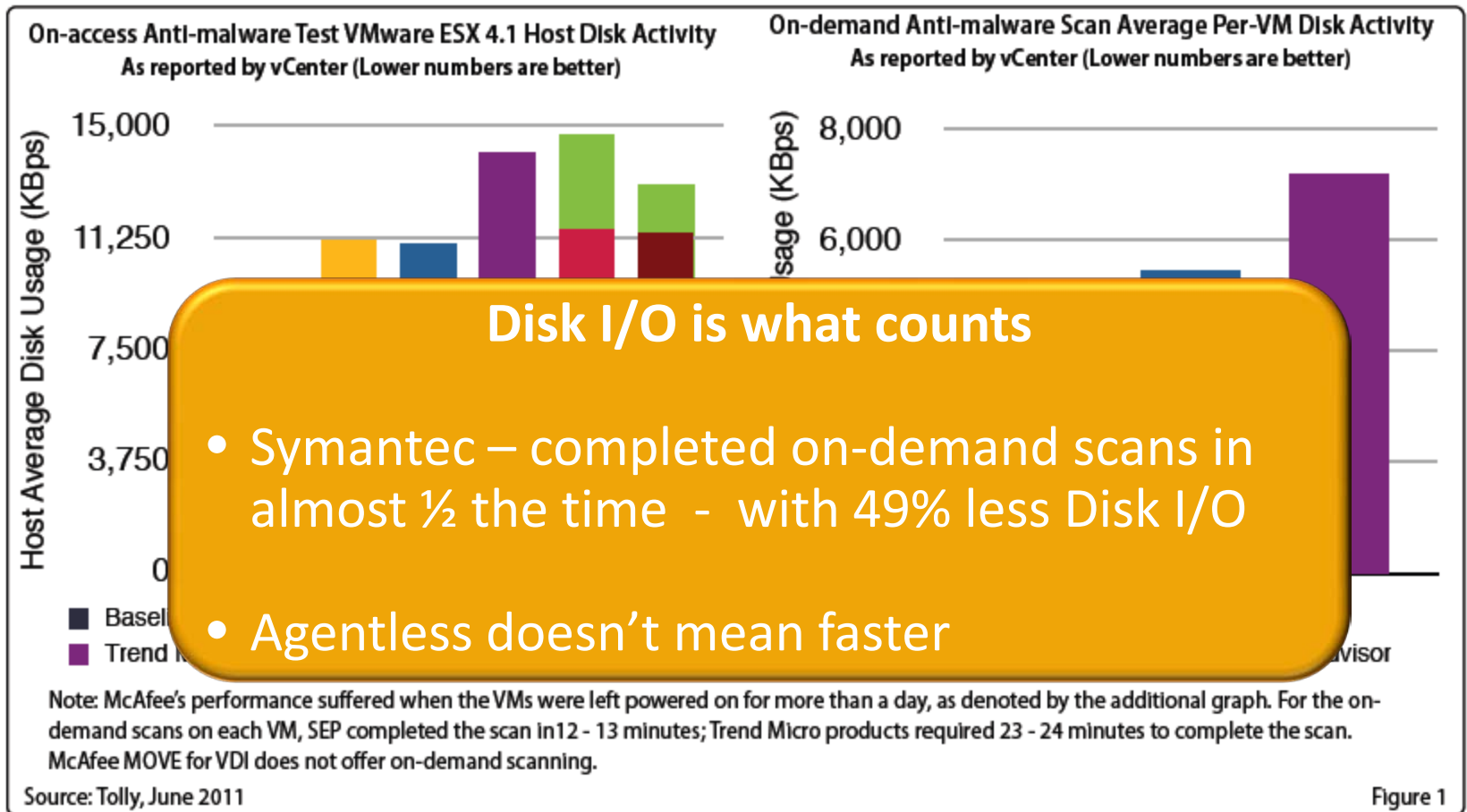


# SEP detects more threats than Trend or McAfee



[http://www.dennistechnologylabs.com/reports/security/anti-malware/symantec/DTL\\_SYM\\_VDI.pdf](http://www.dennistechnologylabs.com/reports/security/anti-malware/symantec/DTL_SYM_VDI.pdf)

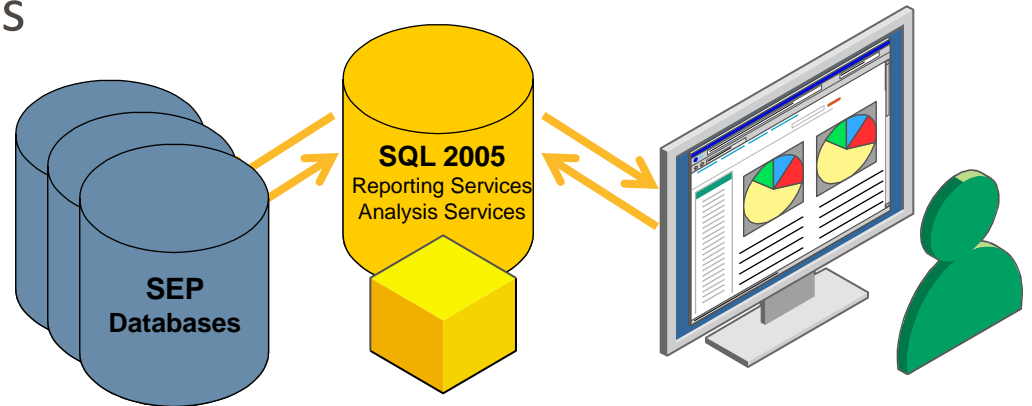
# SEP outperforms Trend or McAfee



# IT Analytics™

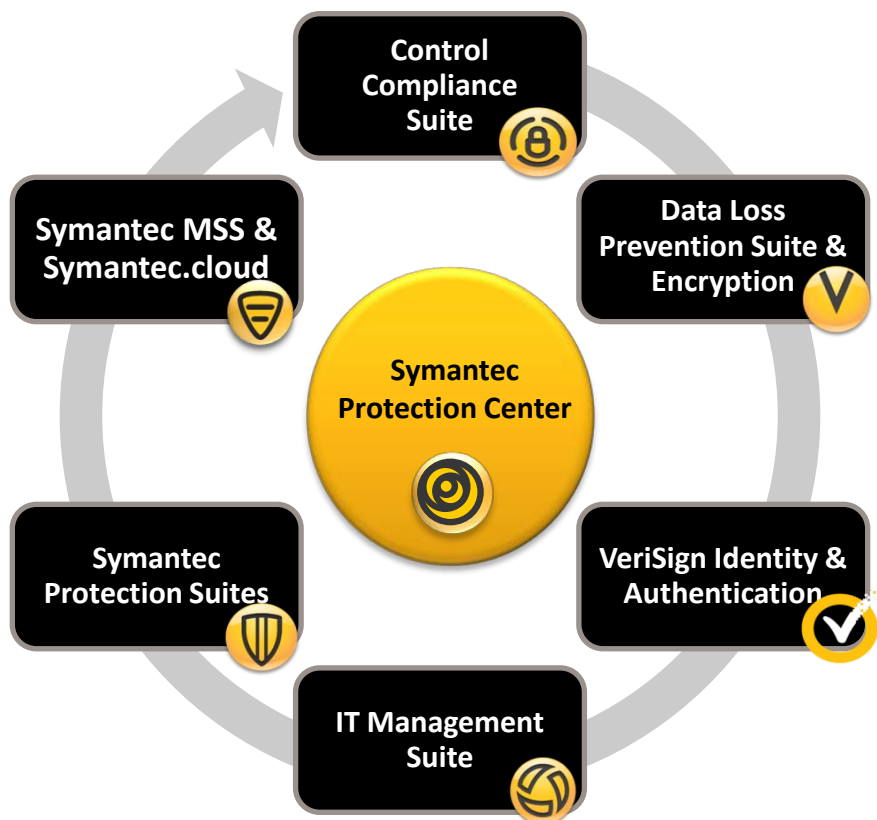
## Advanced Reporting & Analysis

- Advanced ad-hoc data-mining
- Graphical dashboards and easy reporting
- Leverages OLAP Cubes for reporting & multi-dimensional data exploration
- User friendly custom reports
- Export to multiple formats
- Pivot tables and charts



# Symantec Protection Center

## Central Management Console



### Intelligence

Identify emerging threats across local and global environments

### Priority

Prioritize tasks based on role, context and severity

### Action

Accelerate time to protection with relevant, actionable intelligence



# Symantec Protection Suite Enterprise Edition

- Symantec Protection Suite Enterprise Edition
  - Endpoint Security
    - Symantec Endpoint Protection
    - Symantec Network Access Control Self Enforcement – **NEW!**
    - Symantec AntiVirus for Mac
    - Symantec AntiVirus for Linux
    - Symantec Mobile AntiVirus for Windows Mobile
  - Messaging & Web Security
    - Symantec Brightmail Gateway
    - Symantec Web Gateway – **NEW!**
    - Symantec Mail Security for Microsoft Exchange
    - Symantec Mail Security for Domino
    - Symantec Premium AntiSpam
  - Backup and Recovery
    - Symantec Backup Exec System Recovery Desktop Edition – **NEW!**



# Security Solutions

- Data Loss Protection –DLP
  - Discovery
  - Monitor
  - Protect
- Network Access Control
- Mobile Security for Windows, BB, Android, Symbian etc..
- Managed & Monitored Security –devices, endpoint, switches etc..
- Security Information Management
- Critical System Protection for Servers
- Verisign User Authentication , check out our “new Logo”
  - Two factor Authentication
- Encryption –PGP, Guardian Edge

# Backup & De-Duplication Storage

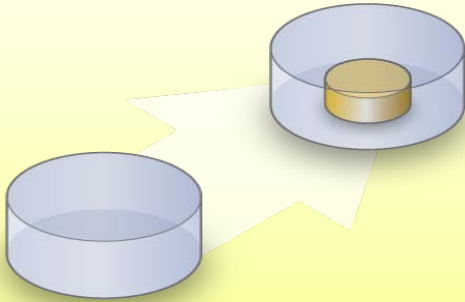
- Net backup for Enterprise environments
- Backup Exec for workgroup environments
- De-duplication
- **NBU 5000 & 5200 Series Appliance for De-duplication**

-16 & 32 TB storage appliances with scalability to 196 TB's

\*Award winning backup for Virtual environments

# We Help You Transform Your Data Center

## Optimize Your Storage



- Reduce Acquisition Cost
- Increase Utilization
- Leverage Thin Provisioning

## Ensure 24x7 Availability



- Reduce Complexity
- Prevent Downtime
- Accelerate Recovery

## Accelerate Virtualization & Cloud Adoption



- Application Awareness
- Storage Optimization
- Confidently Adopt Cloud

## Maximize Agility

- Centralize Management
- Automate Operations
- Change Non-Disruptively

# SAMG - Storage Management Solutions

- Storage Foundation
- Hetero-genous Storage management
- Clustering
- File System 8200 Appliance for storage
- FileStore

# Archiving

- Enterprise Vault
  - Email
  - Share-point
  - File Systems
  - E-discovery
  - “New addition” Clearwell E-Discovery
  - Cloud Archive and Email

# Altiris

- Desktop management for Windows, MACs, Linux
- Virtualization
- OS & Patch management
- Power saving
- Helpdesk
- Symantec Endpoint Protection Integration

# Client Management Suite capabilities

Deployment	Capture and deploy disk images, migrate data and system configurations, and change operating system settings.
Inventory	Gather inventory data about computers, users, operating systems, and installed software applications, and monitor and/or deny the usage of applications.
Software Management	Distribute software and ensure that the correct software gets installed, remains installed, and runs without interference from other software.
Patch Management	Assess, prioritize and deploy updates for common operating systems and applications to ensure that managed computers are protected on an on-going basis.
Workspace Virtualization	Virtualize applications to reduce application conflicts, testing requirements and support calls.
pcAnywhere	Resolve help desk issues or stay productive while you work away from your office by providing secure, remote access to computers.
Real-Time Management	View detailed real-time information about a managed computer and remotely perform various administrative tasks, such as restart a computer, reset a password, and terminate a process.
Out of Band Management	Discover computers with ASF, DASH, and Intel AMT in your environment and configure the computers for out-of-band management.
IT Analytics	Explore data, analyze trends and track IT performance without advanced knowledge of databases or third-party reporting tools
Process Automation	Create and implement automated processes that link together people, process and technology, including the ability to create end-users forms and communicate between disparate technologies
Symantec Endpoint Protection Integration	Inventory client systems for common endpoint protection products, migrate and rollout Symantec Endpoint Protection agents, troubleshoot agent problems and report on status and outbreaks.



# Desktop management Core Benefits

## – Windows 7 Migration

- Virtualization

- When are your plans around Windows 7 migration?
- Do you have any applications preventing you from migrating?

## – License Compliance

- Do you know what applications are on your systems?
- Do you have reports showing installed vs used counts?
- Can you show historical usage around applications?

## – Green IT (Power savings)

- eiPower-saver solution

- Do you currently have a system in place to power down you machines/manage power settings?
- Gartner estimates you can save \$50 per PC per year by powering down PC's on nights/weekends/breaks

# Altiris Desktop Management

- Client Management Suite
- Server management
- Asset management
- Inventory Management
- Deployment Suite
- Help Desk

# Symantec “Confidence in a Connected World”

Thank you !

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