

Welcome to the Atlanta Tech-Security Conference

Network Quality Assurance

A repeatable management process (feedback loop) to align technology resources and use with corporate policies and objectives

- What's the NQA Process
 - Step 1: Define Policy (rules/expectations)
 - Step 2: Deploy Technology (controls/changes)
 - Step 3: Verify (controls effective/policy status)
 - Step 4: Repeat
- Why it is important?
 - Improve overall productivity and reduce costs
 - Demonstrate IT contribution to bottom line
 - Align IT operations with company objectives
 - Information about the information

What is a network?

A system of interconnected computers

- Create, store and retrieve information
- Everything on the network is communications
- Communications on the network is everything
 - ask yourself

DOES IT SUPPORT THE BUSINESS?

DOES IT ADD TO OR SUBTRACT FROM BOTTOM LINE?

What is Network Management?

Network

System of interconnected
computers

Communication

Technologies

Performance

Configuration

Scanning/Patching

Management

Organization

Business Objectives

Policies

Procedures

Practices

***Process of managing a system of
interconnected computers***

What is Information Technology?

Information

Communication of
knowledge

Business Intelligence

Technology

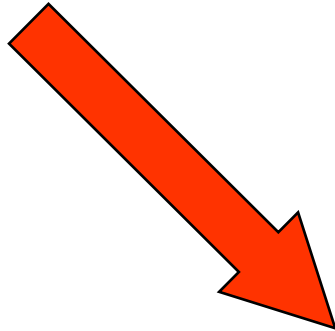
Accomplish tasks with
technical processes

***Accomplishing task of communicating knowledge using
technical processes***

Traditional IT Management Model

Network

Service levels



Information

Alarms

Logs



Management

Policies (if they exist?)

Procedures



Technology

Configuration

Performance, Uptime

Flaw/Patching

- **Examples:**

- NMS (Network Management System)
- IPS/IDS
- SEIM (Security Event Information Management)
- Anti-Virus
- Managed Services (Real-time alarms)

Threshold events, discrete, technology focused:

- Set and Regret Silos
- Don't deal with HOW technology is used, and don't present in a central, consistent format

It's all about the Technology Technology Technology

- Information is all about the technology
- Not on business intelligence and communications

NQA Management Model

Network

Management



Information

Technology

Actionable Business
Intelligence

Why isn't it working?

Re-active

- Too busy fighting fires to plan
- No documentation of fixes
- Focus on technology, not on the bottom line
- Inhibitor/Dependent on manual processes

Pre-Active

- 100% Visibility – IT/Stakeholders
- Better planning
- Improved Communications
- Common data set
- Change Control Process
- Maximize Existing IT Investments
- Automation improves productivity, reduces cost

We don't have the time to look at this!

How long does it take to:

Review IPS logs?

Review Firewall logs?

Review email system?

Review Web filter logs?

Review Host & Client logs?

Penetration test?

....align IT with business objectives?

30 minutes and one mouse click

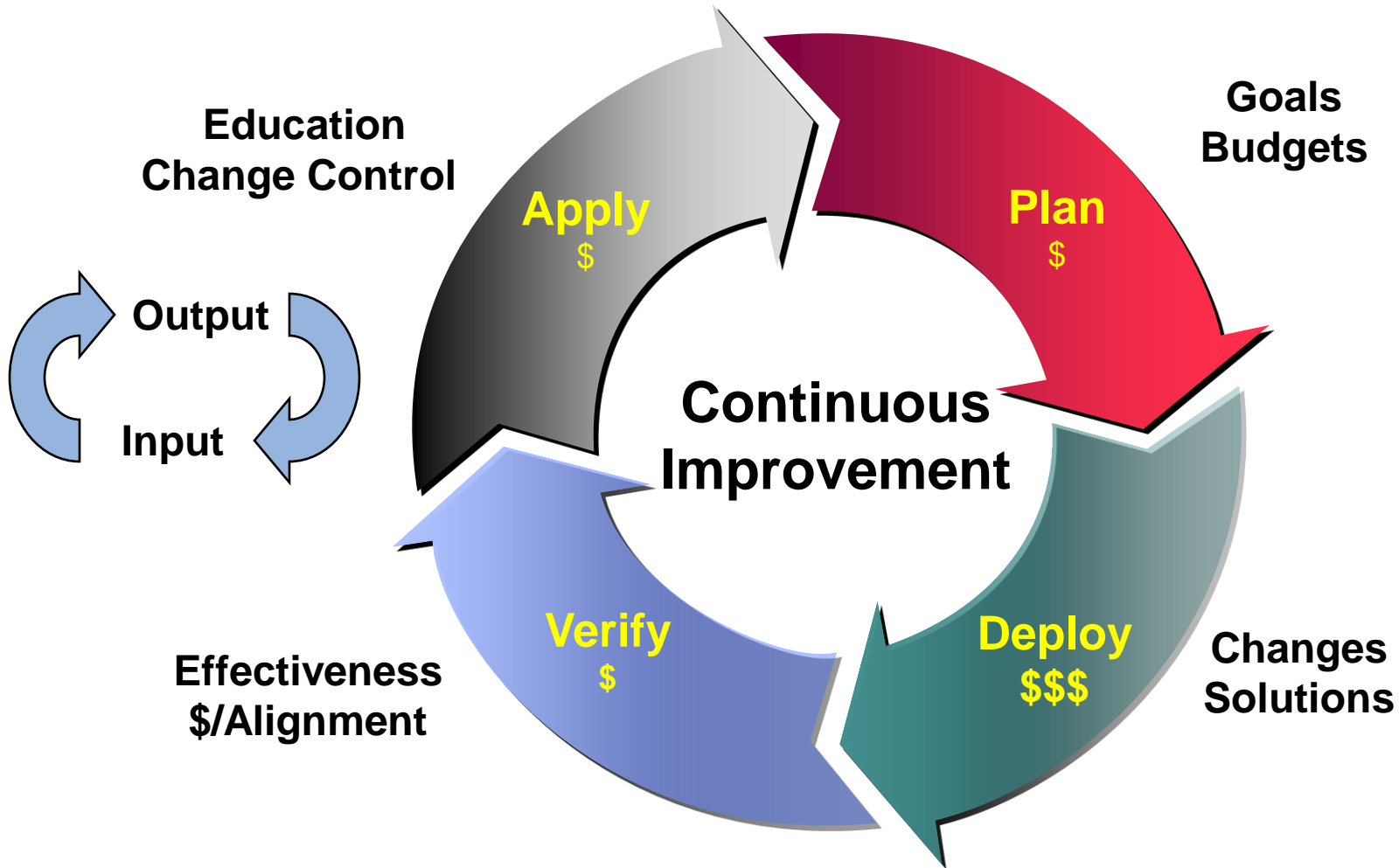
and you become the IT hero!

Who Benefits

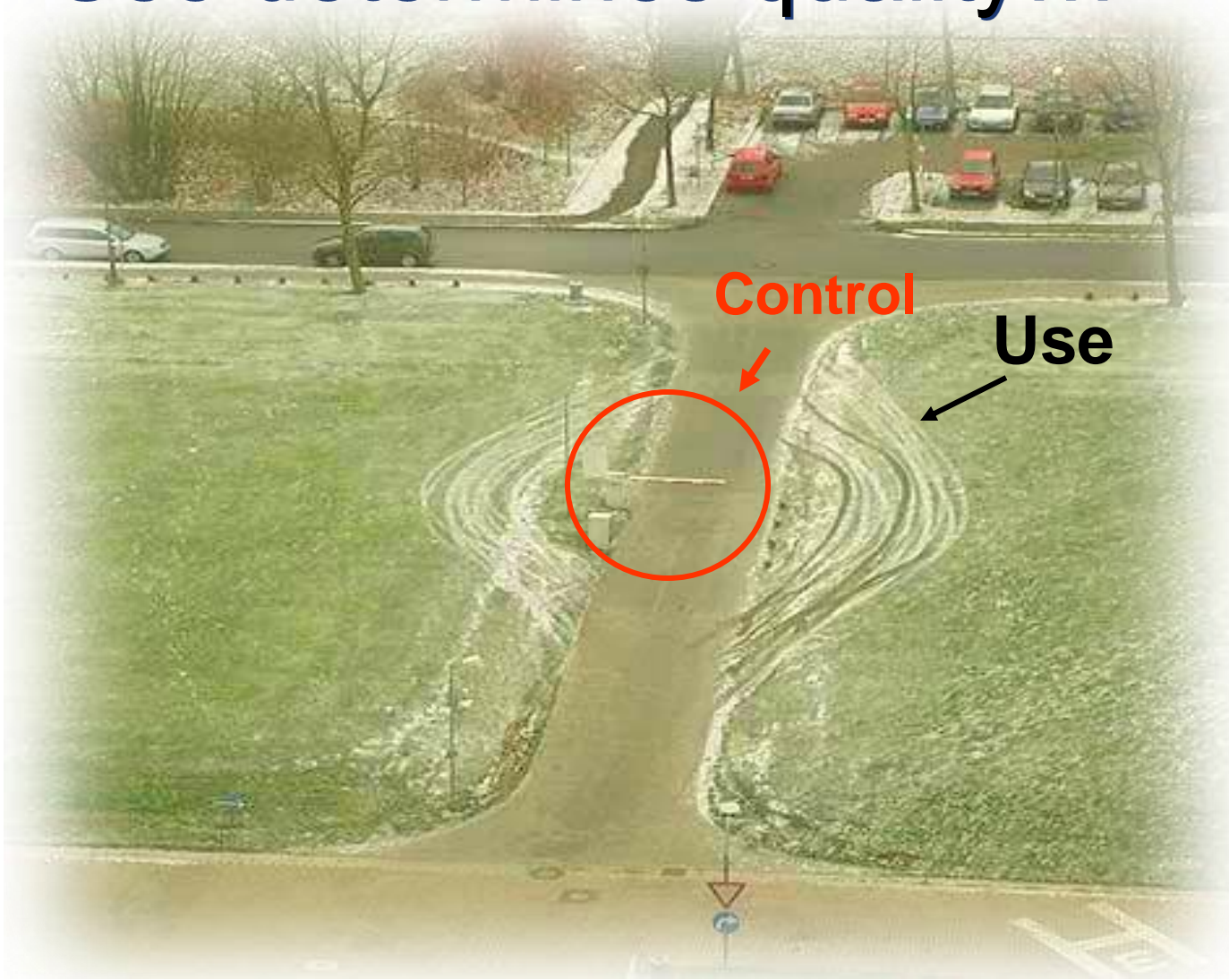
- Everyone
 - Executive Stakeholders
 - » Yes, CEO can manage network!
 - Finance
 - HR
 - IT
 - Compliance/Audit
 - Users
 - Stock Holders`



Network Quality Assurance Process



Use determines quality...



Web Sharing

sendthisfile.com

Corporate Policy: Not allowed (data leakage, bandwidth consumption)

Actual Findings: Blocked file attachments in e-mails are sent using other methods

Web Use

Corporate Policy: Business use only

Actual Findings: Mostly entertainment related – non-productive use of company resources (streaming radio, face book, my space, blogging, shopping) 85%+ of bandwidth is web use

Inappropriate Content

Company Policy: No offensive content

Actual Findings: Numerous types of offensive content which create hostile work environment

File and Software Downloading

Corporate Policy: No unauthorized files

Actual Findings: Large files and
unauthorized software

Email

Corporate Policy: SMTP only

Actual Findings: On-line communications
(POP3, web-based, etc.)

Windows Updates

Corporate Policy: Change control used to centrally manage windows updates

Actual Findings: Many PCs not using WSUS for their updates

Congruity Inspector Features

100% Visibility for IT & Executives

Automated Objective SLA Profiles

Improves Operations and Budgeting

Extends Tight/Reduced Budgets

Improves Productivity, Reduce Helpdesk Calls

Effortless Baseline & Compliance Reporting

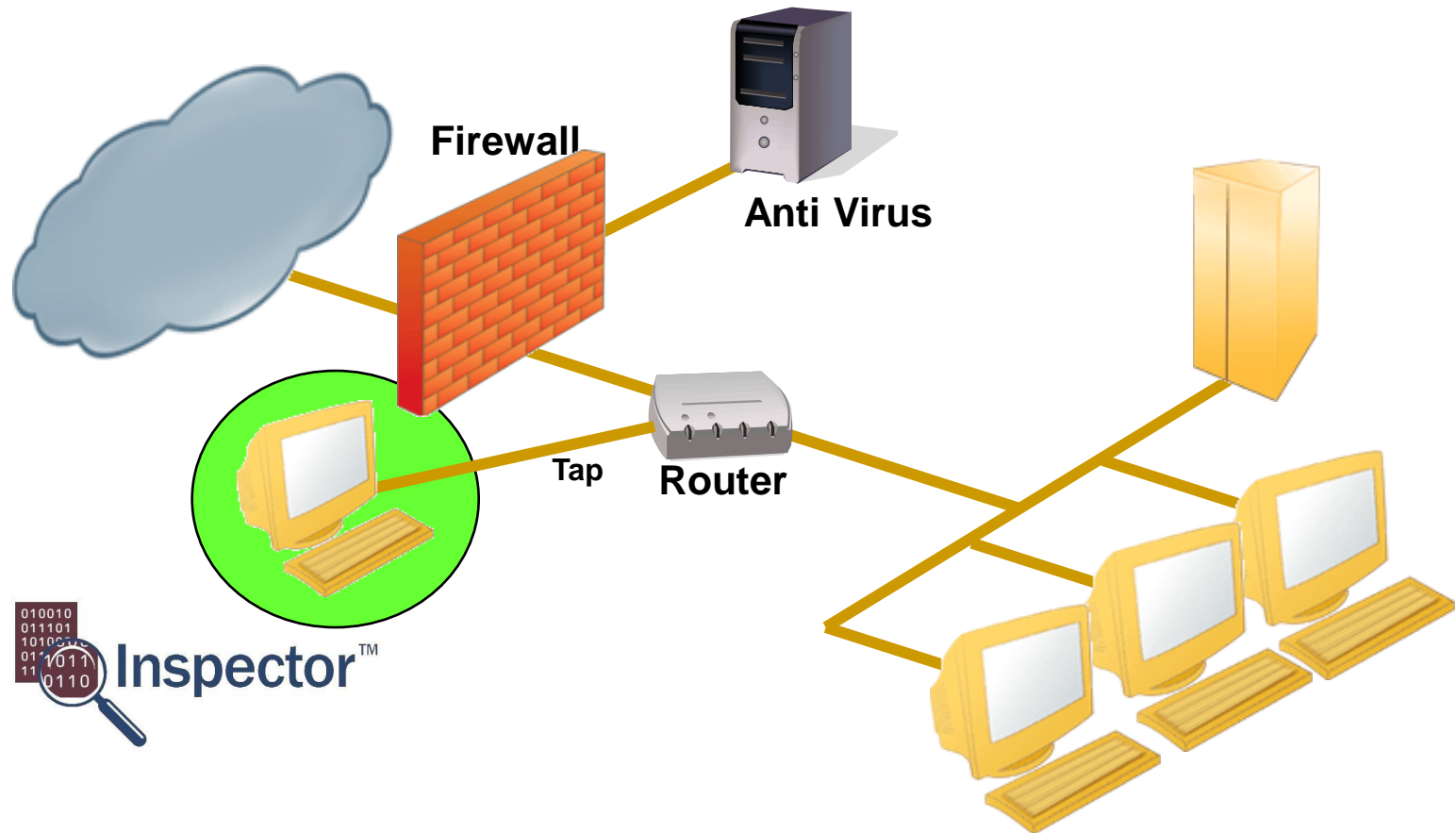
System and Network Requirements

Single Windows XP, 2000, 2003 or NT PC
connected to a monitoring port on the Internet
Gateway switch/router inside firewall

30 minutes to install, configure and begin
baseline

1 hour at end of 7 day baseline to review data

Easy, Passive Network Integration



Console and Reports

Summary

Best practices (NIST, ISO, ITIL)

Aligns I/T with business objectives

Repeatable management/reporting process

Most affordable/cost effective on the market

Maximizes I/T resources/improves productivity

Be a hero!

Congruity Inspector Pricing™

Up to 50 Endpoints	\$1,495
Up to 100 Endpoints	\$1,995
Up to 250 Endpoints	\$2,995
Up to 500 Endpoints	\$3,995
Up to 750 Endpoints	\$4,995
Up to 1000 Endpoints	\$5,995
Up to 2000 Endpoints	\$6,995
Up to 3000 Endpoints	\$7,995
Up to 4000 Endpoints	\$8,995
Up to 5000 Endpoints	\$9,995

Endpoint Security Management

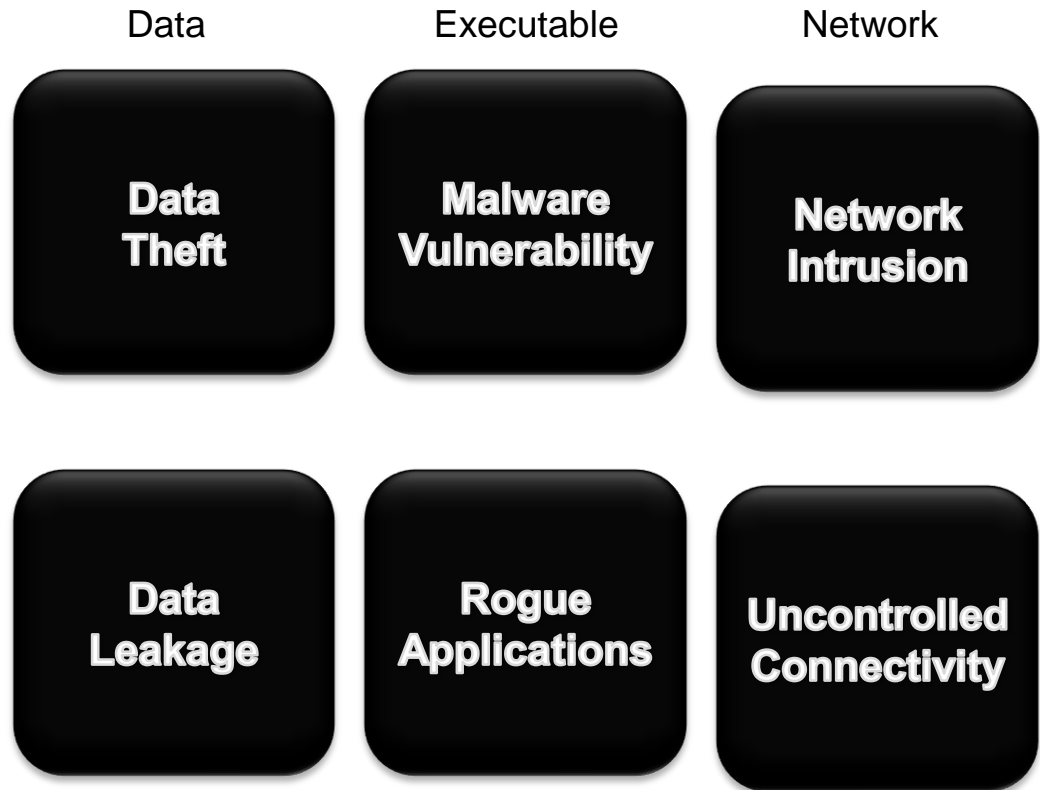


SkyRecon[®]
Intelligent *Client* Security

STORMSHIELD[®]
SECURITY SUITE

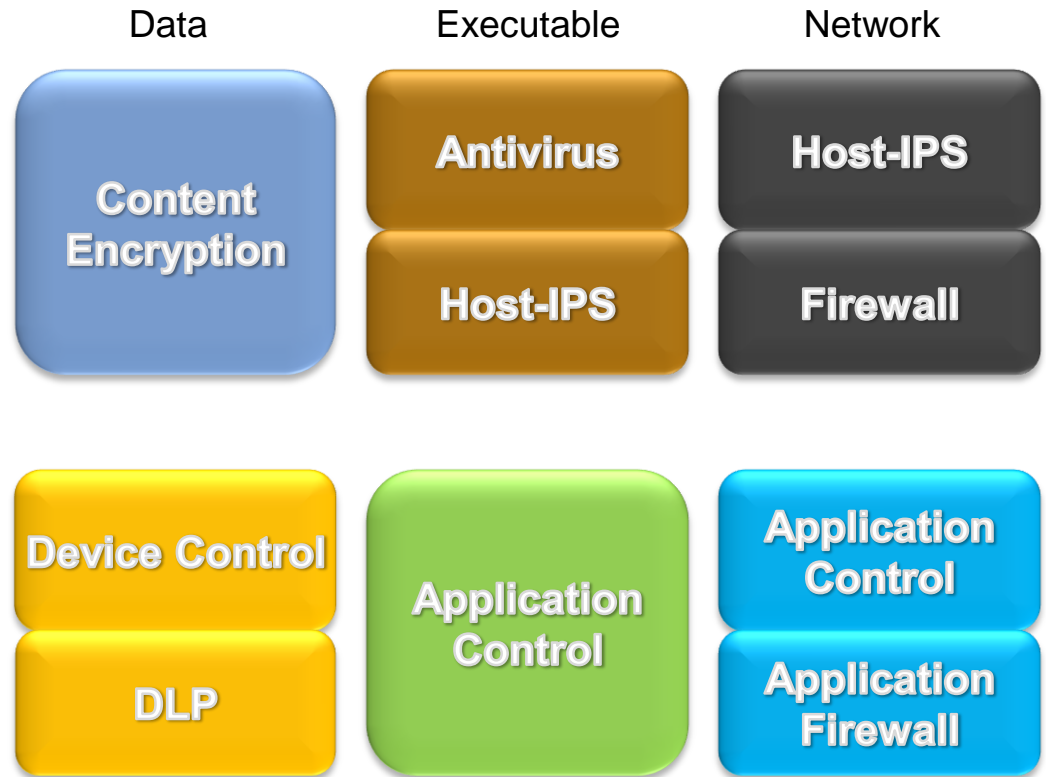
All-in-one 7Mb Endpoint Agent

Categorical Endpoint Risks



Typical Vendor Response

- MULTIPLE AGENTS**
 deployment & management nightmare, unacceptable resource requirements
- DISJOINTED FEATURES**
 technologies work in silos, system and data still exposed to threats
- INCOMPLETE POLICIES**
 difficult to achieve internal policy, let alone prove regulatory compliance

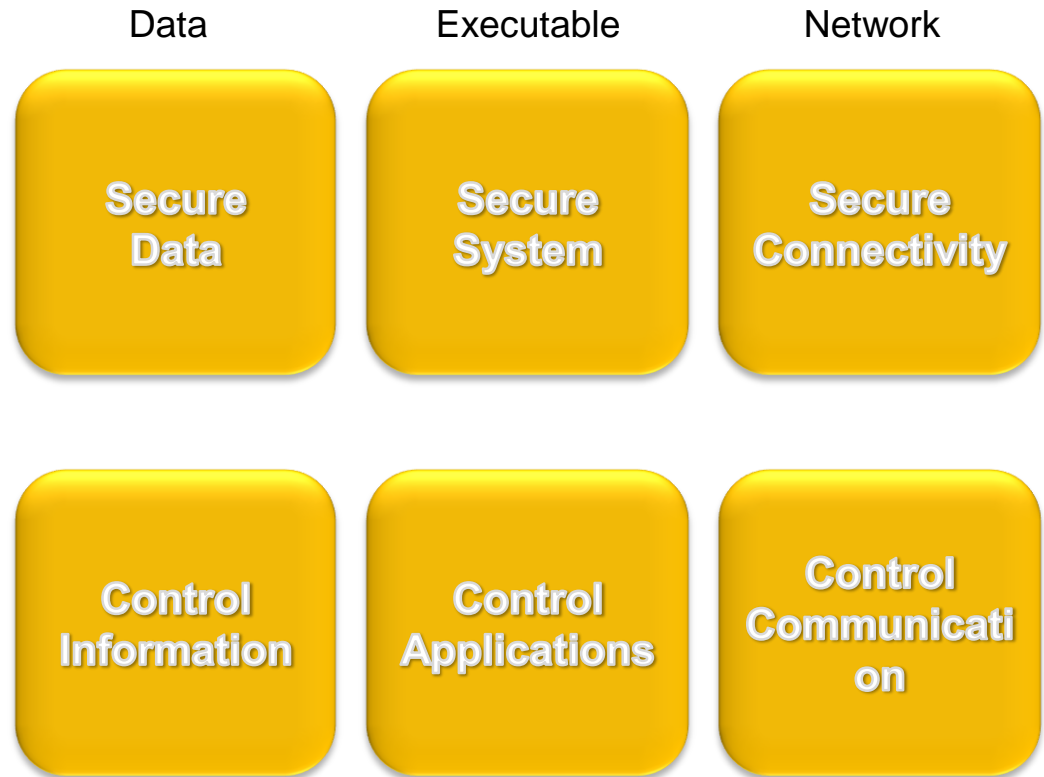


Key Security Requirements

- Single, lightweight agent
- Protection layers work together
- Dynamic policy enforcement
- Centralized, role-based console

Enterprise-level reporting

Regulatory/compliance



SkyRecon StormShield Features



- Host-IPS and Firewall
- Application Control
- Network Access Control
- Wireless Security
- Device Control
- Content Encryption
- Anti-virus Anti-spyware

System Protection

- Behavioral Security
- Intrusion Prevention
- Stateful Firewall
- Application Control
- Wireless Security

Data Protection

- Device Control
- File Access Control
- Content Encryption
- Device Encryption
- Keylogging Prevention

Enforceable Policy

- Integrated Management
- Dynamic Policies
- NAC Policies
- Monitoring & Reporting
- Compliance Auditing

SkyRecon StormShield Benefits



-  Host-IPS and Firewall
-  Application Control
-  Network Access Control
-  Wireless Security
-  Device Control
-  Content Encryption
-  Anti-virus Anti-spyware

Business Operations

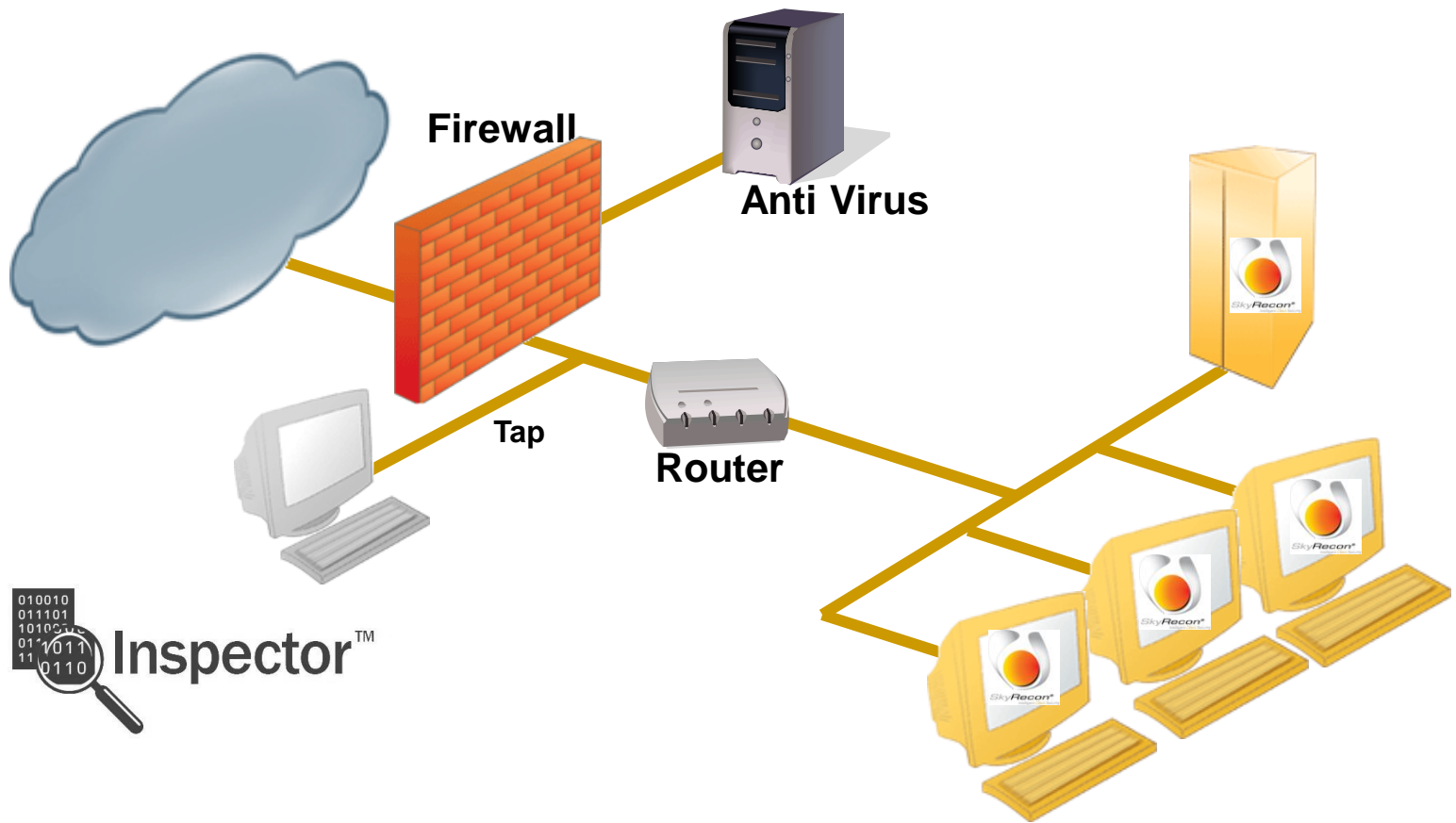
- 24 x 7 availability
- Asset protection
- Regulatory requirements
- Enables new applications
- Brand protection

IT Operations

- Eliminate panic-patching
- Single endpoint solution: vendor, product, support
- Integration with IT infrastructure (NMS, AD/GPO, SSL/VPN)

Security Operations

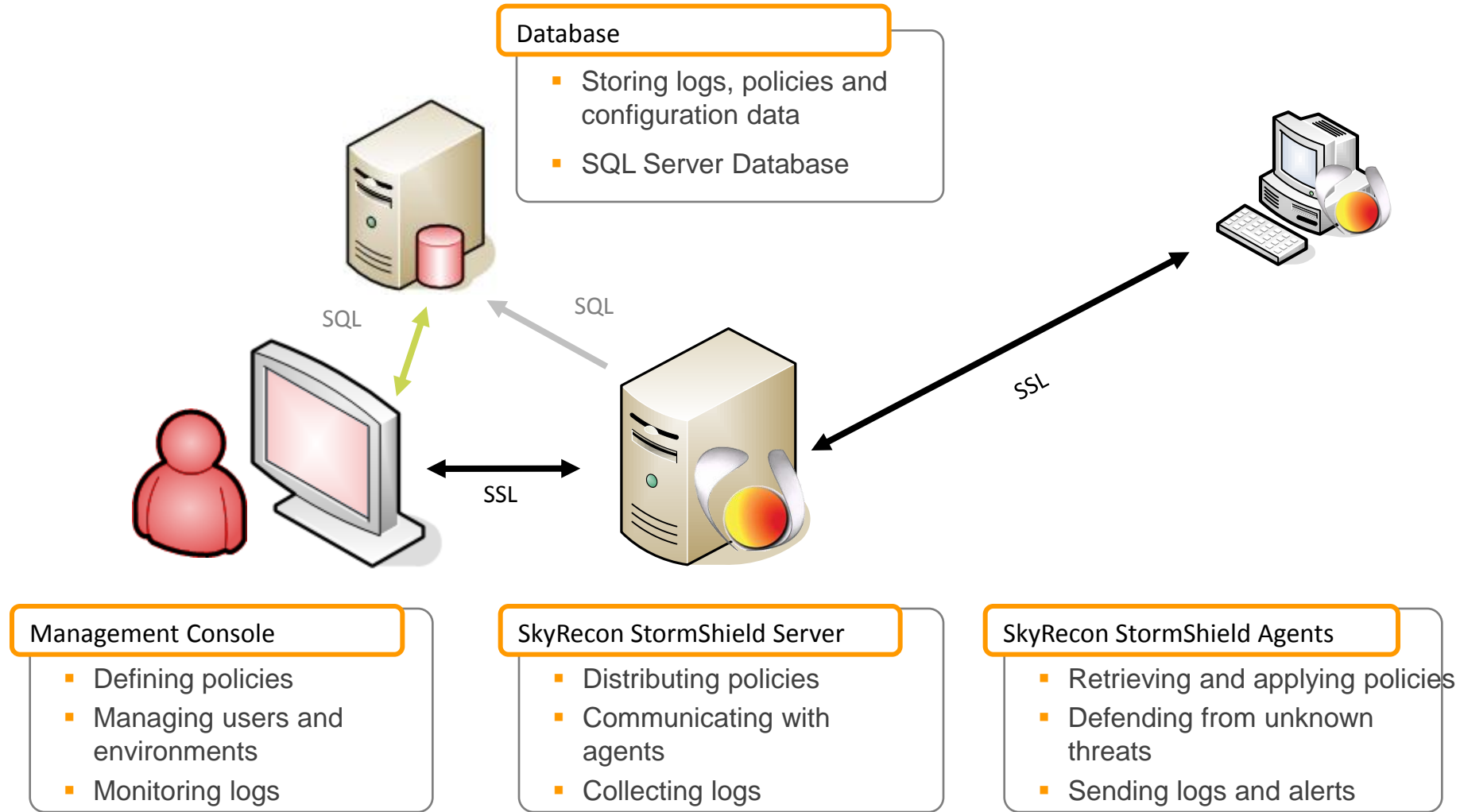
- Integrated system and data protection
- Centralized management, auditing, reporting
- SIEM integration



STORMSHIELD®

SECURITY SUITE

SkyRecon StormShield Components





DataConnectors Show Special Offer Number 1

- We will provide a free Network Quality Assessment
- Includes free use of the Congruity Inspector™ solution for a 1 week operational profile (software & license activation key)
 - 1 Gb memory stick with Congruity Inspector evaluation software
 - 30 minutes for Installation & Set-up assistance
 - One hour on-line engineering review of results
 - Customer keeps archive, compliance reports & software
- Interested parties must schedule the install today for next week on their internal network & review findings after the one week data collection to be eligible for the free Network Quality Assurance Assessment
- Up to a \$10,000+ dollar value depending on the number of endpoints

STORMSHIELD[®] SECURITY SUITE

DataConnectors Show Special NQA Offer Number 2

- We will provide a free 30 day evaluation of SkyRecon StormShield
- Includes free use of StormShield in your evaluation or production environment for up to 30 days
- This offer includes:
 - 1 Gb Memory Stick with SkyRecon StormShield evaluation software
 - Remote Installation & Set-up assistance
 - One hour of on-line engineering review of results
 - Interested parties must schedule the install today

For more information on



or



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Web Site: <http://www.jcsinc.com>