

Security Showcase Classroom

Presented by:





Information Risk and Security Performance Management

www.benchmark.ncircle.com

www.suite360.ncircle.com

www.purecloud.ncircle.com

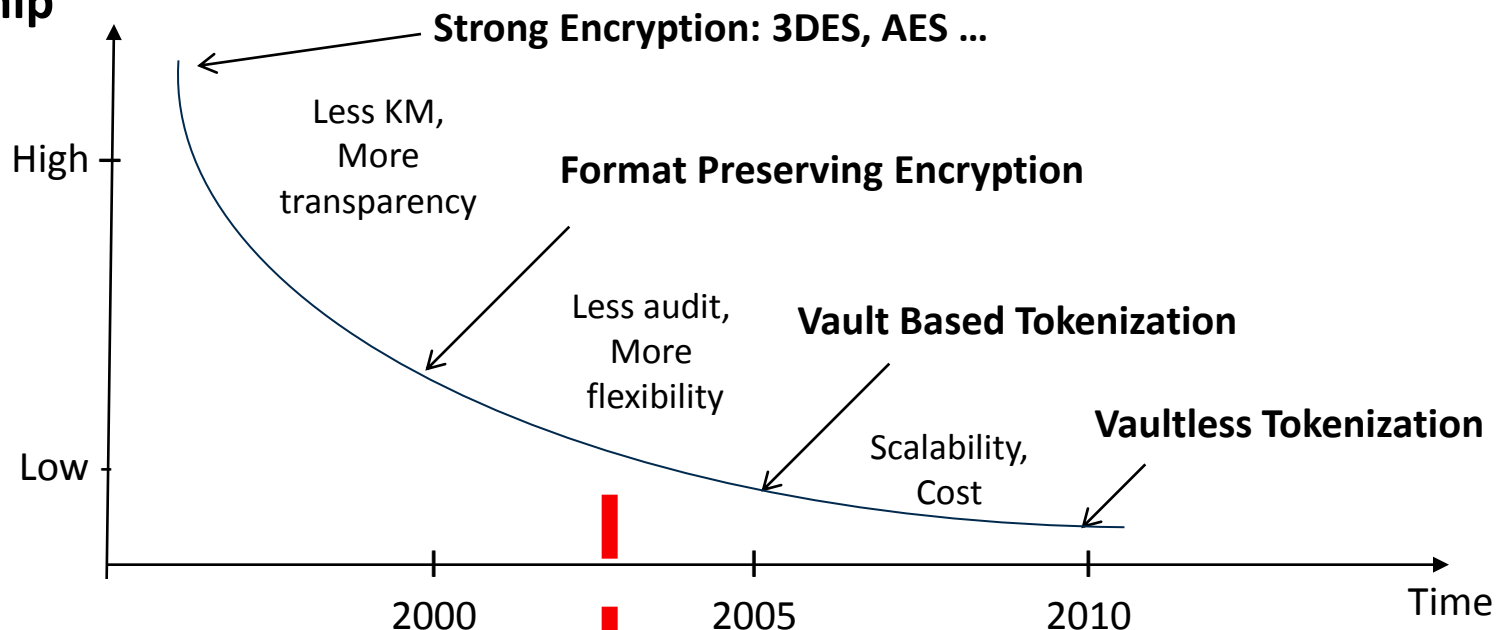


Tokenization is Gaining Traction and Here's Why

Ulf Mattsson
CTO
Protegrity

The Evolution of Data Security and TCO

Total Cost of Ownership



| Era | Encryption | Tokenization |
|--------------------|------------|--------------|
| PCI DSS Guidelines | In Scope | Out of Scope |

Tokenization Gets Traction

- Aberdeen has seen a steady increase in enterprise use of tokenization for protecting sensitive data over encryption
- Nearly half of the respondents (47%) are currently using tokenization for something other than cardholder data
- Over the last 12 months, tokenization users had 50% fewer security-related incidents than tokenization non-users
- Case study #1 – Energy company, Protegrity customer

Case Study #2

Large US Chain Store, Protegrity Customer

- Reduced cost
 - 50 % shorter PCI audit
- Quick deployment
 - Minimal application changes
 - 98 % application transparent
- Top performance
 - Performance better than encryption
- Stronger security

Learn more at the Protegrity booth



www.truops.com



IT Risk Management Methodology & Practices



Naresh Podila
VP Products & Platforms



Define Risk Universe

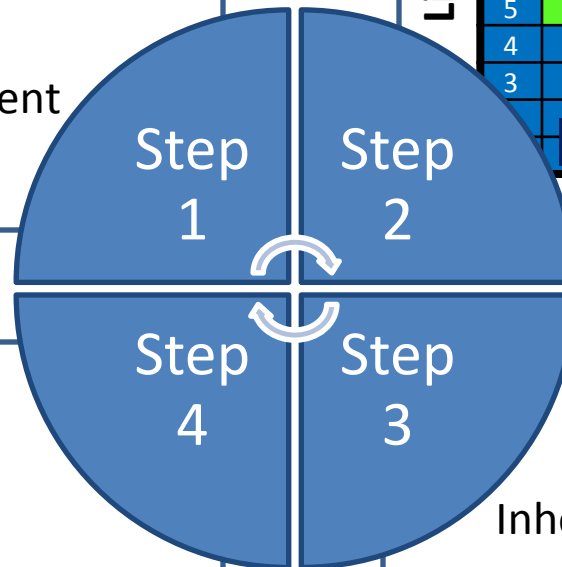
- Business Processes
- IT Applications & Infrastructure
- IT Business Activities

Enterprise IT Risk Assessment

- Inherent Risk

Risk Identification

| Likelihood | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|------------|----|----|----|----|----|----|----|----|----|-----|
| | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Impact | | | | | | | | | | |



Risk Assessment

Inherent Risk

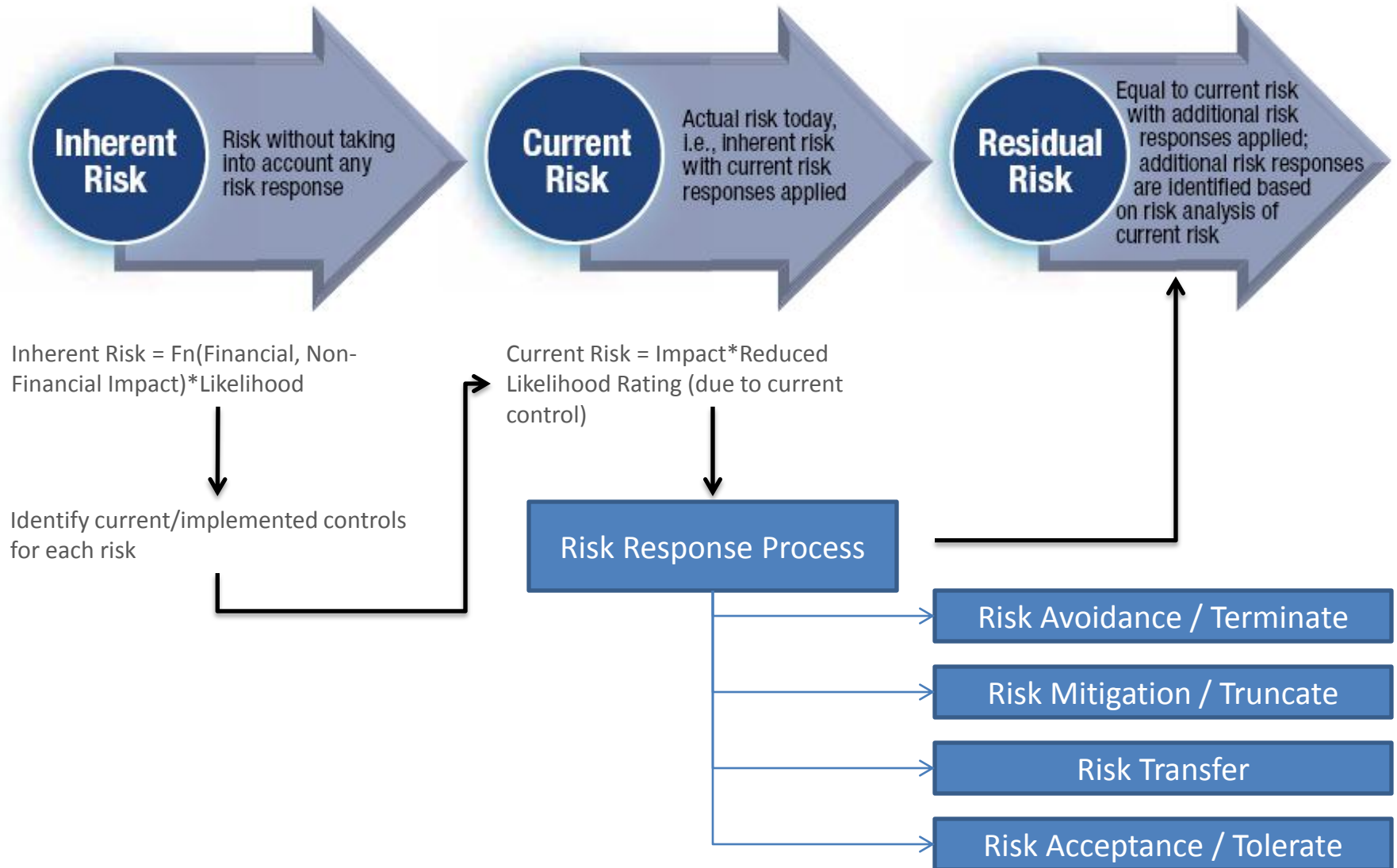
➔ Current Risk

➔ Residual Risk

Risk Response

- Terminate
- Truncate
- Transfer
- Tolerate

Risk Assessment and Response





Connecting Security to the Business

Translating Technical Risk Into Business Risk

Christopher Fisher
Director, Marketing
10.Sep.2012



70%

OF ORGANIZATIONS FAIL TO REGULARLY
CONNECT SECURITY & RISK
TO THE HIGHEST LEVELS OF THEIR BUSINESS



2012 RISK-BASED SECURITY MANAGEMENT

- 77%** Of respondents claim a significant commitment to Risk-Based Security Management (RBSM)
- 52%** Just over half have any formal function or activities dedicated to RBSM
- 45%** Less than half use specific metrics for determining RBSM effectiveness
- 41%** Over 40% have not even categorized information according to its importance to the business



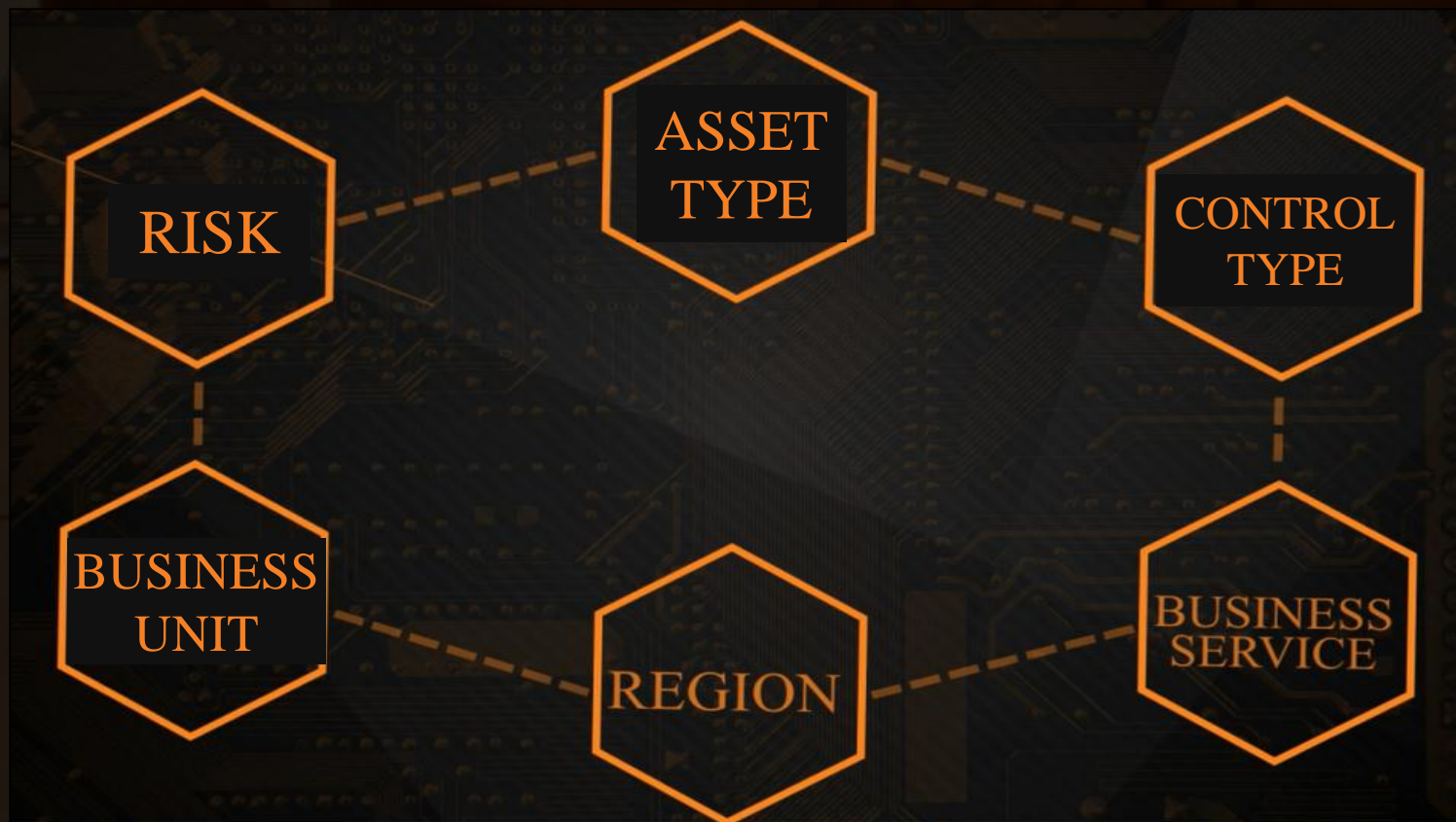
PRIORITIZE RISKS CRITICAL TO THE BUSINESS



$$Risk = \left(\frac{Vulnerability \times Threat}{CounterMeasure} \right) \div Valuation$$

MANAGE

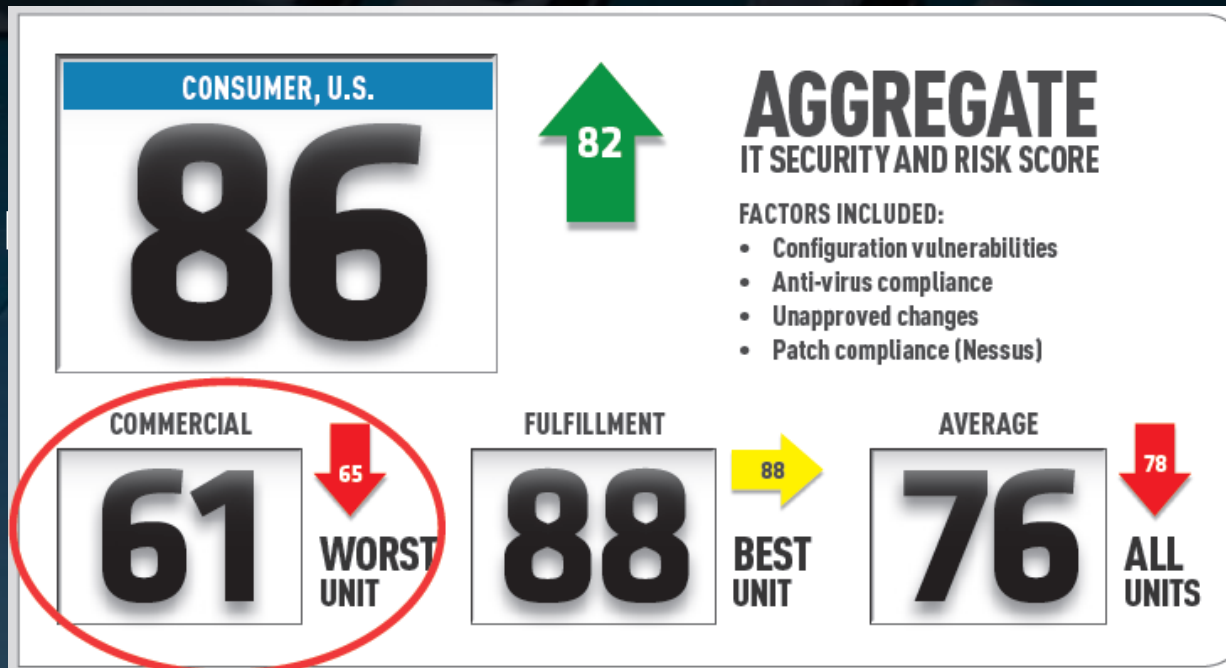
THE CRITICAL ASSETS YOUR BUSINESS DEPENDS UPON
WITH A BALANCED MIX OF TECHNICAL CONTROLS



SECURITY CONFIGURATION MANAGEMENT
IS CRITICAL TO YOUR DEFENSES

MEASURE

IN TERMS BUSINESS UNDERSTANDS BECAUSE THEY INVEST IN WHAT THEY UNDERSTAND



CONNECT

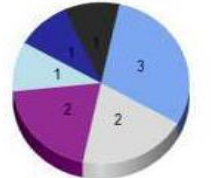
DYNAMICALLY CONNECT SECURITY TO YOUR BUSINESS

Run Your Business Your Way

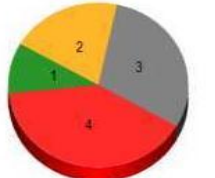
By Region



By Platform



By Risk



| Asset | Region | Layer | Platform | Risk | Newly failing tests |
|---|-----------|------------------|-------------------|----------|---------------------|
| dhcp-10-248-11-209.ddns.perf.lab.tripwire.com | Sao Paulo | Operating System | Unix (Solaris 10) | Critical | 85 |
| dhcp-10-248-11-127.ddns.perf.lab.tripwire.com | Sao Paulo | Operating System | Unix (Solaris 10) | Critical | 85 |
| dhcp-10-248-11-211.ddns.perf.lab.tripwire.com | Sao Paulo | Operating System | Windows | Critical | 82 |
| dhcp-10-248-11-242.ddns.perf.lab.tripwire.com | Sao Paulo | Data Base | Oracle | Normal | 81 |

Clearly Show Trends & Progress

E-Commerce



Financial Reporting

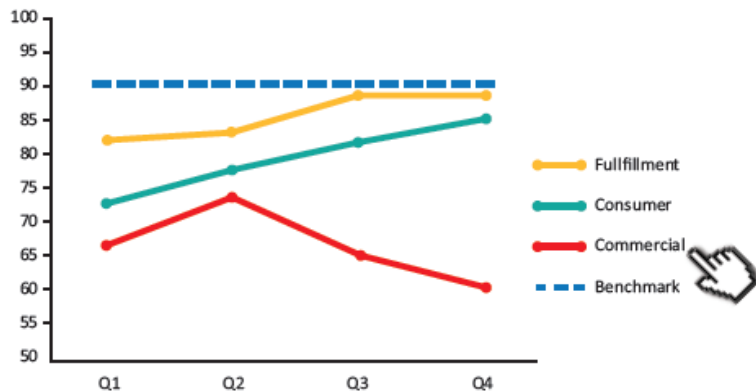


Fulfillment



Visualize & Communicate Risks

SYSTEM HARDENING REPORT, BY DIVISION (CIS Benchmarks)



Continuously measure security & risk posture

Manage with leading indicators

Save time with robust, flexible reporting



WE'RE MAKING SECURITY — VISIBLE — MEASURABLE ACCOUNTABLE

www.tripwire.com

Five Strategies for Business-Oriented CISOs
The Most Common Mistakes CISOs Make
Extracting Business Intelligence with Security Data

