

# THE SECURITY STANDARD

## Adapting Enterprise Security to New Realities, Threats and Endpoints

September 10-11, 2012 | New York Marriott at the Brooklyn Bridge | New York City

Produced by

CSO

# Stand Your Ground

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# The State of Security

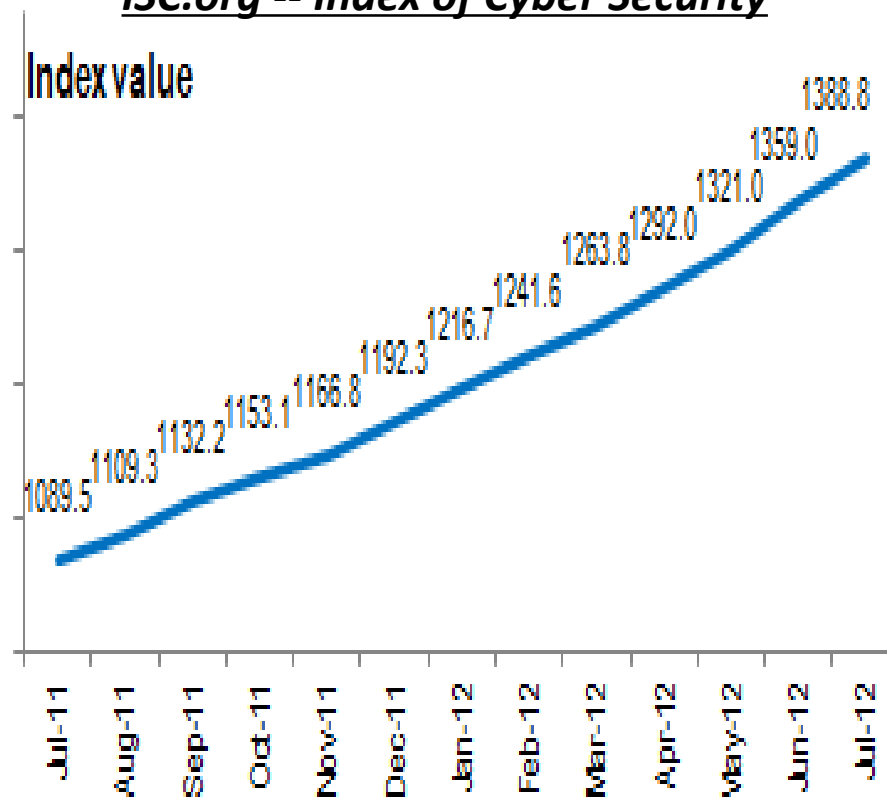
- **Adversaries have significant technical means funded by cyber-crime profits and nation-state taxation**
- **Defending with a low-cost defense**
- **Current tools quickly becoming obsolete by rapidly changing technology**
  - Cloud computing
  - Virtualization
- **Third party transparency is a major issue**
- **Compliance burden is dramatically increasing and is, generally, not accretive to improving the security posture**



# The Statistics of Security

- Highly agile adversaries exploit vulnerabilities in less than 24 hours
- Signature-based defenses stop about 80% of attacks
- Compliance continues to dominate the security agenda growing 12% YOY
- Cyber-crime risk grew overall 27.5% YOY
- Third Party Risk grew 44% YOY
- Insider Risk grew 33% YOY
- Staff retention drop 6%
- Recruiting subject matter expertise (0% unemployment rate among security professionals)
- Flat Budgets
- Impacted by IT transformation to new technology and cloud and lack of security tools.

ISC.org -- Index of Cyber Security





# Change Course

**Security is the absence of unmitigatable surprise**



When you get to a fork in the road take it. -- *Yogi Berra*

# Resilient Defense

## Detect, Deflect, Deter, Defend

- **Recognize Anomalies**
- **Assume you will fail and pick more tolerable failure modes**
- **Pair robust application and network security with rapid and effective incident response.**
- **Couple interplay between inbound penetration and outbound exfiltration create increased visibility and thus detection opportunities**
- **Create strong visible deterrents**
- **Integrate defense and intelligence**

# Implementation

- **Aggregate**
  - Holistic security can only be achieved when it is integrated
  - Converged Security is a must
- **Automate**
  - Reduce compliance burdens
  - Zeroing mean time to repair, not infinitizing mean time between failures
  - Reduce false positives to a manageable roar
- **Arbitrage It**
- **Accelerate It** – processes, reaction time, change, diversity

***‘Killing the most dangerous animal on your front porch does nothing to change the number of dangerous animals in your front yard’***

***-- Dan Geer***

***“The future ain’t what it used to be”***

***-- Yogi Berra***



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