



September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY



**Defending the Fortress:
New Threats Meet New Defenses**



THE SECURITY STANDARD™

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Breach Response- Be Prepared

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ITT



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Agenda

- **Why Breaches Happen**
- **Why Do we Care- And we do! Hint- \$ +**
- **Typical Attack Sequence**
- **Steps to Prepare**
- **Operational Readiness**
- **Now What**
- **Summary**



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ITT Three Vibrant Growth Platforms

Global defense and security

Top 10 U.S. defense contractor delivering advanced systems and providing technical and operational services

Water and fluids management

World's largest supplier of pumps and systems to transport and control water and other fluids

Motion and flow control

Manufacturer of highly engineered, critical components for multiple growth markets





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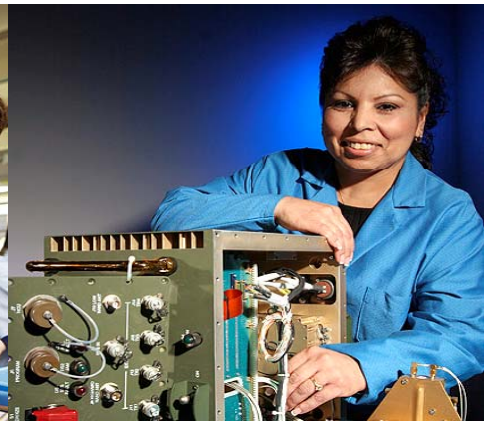
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- High-tech engineering and manufacturing company
- \$11 billion in revenues
- 40,000 employees
- Delivering extraordinary solutions to life's most essential needs:
 - More livable environments
 - Better protection and safety
 - Breakthrough connections

Engineered for life

This is ITT





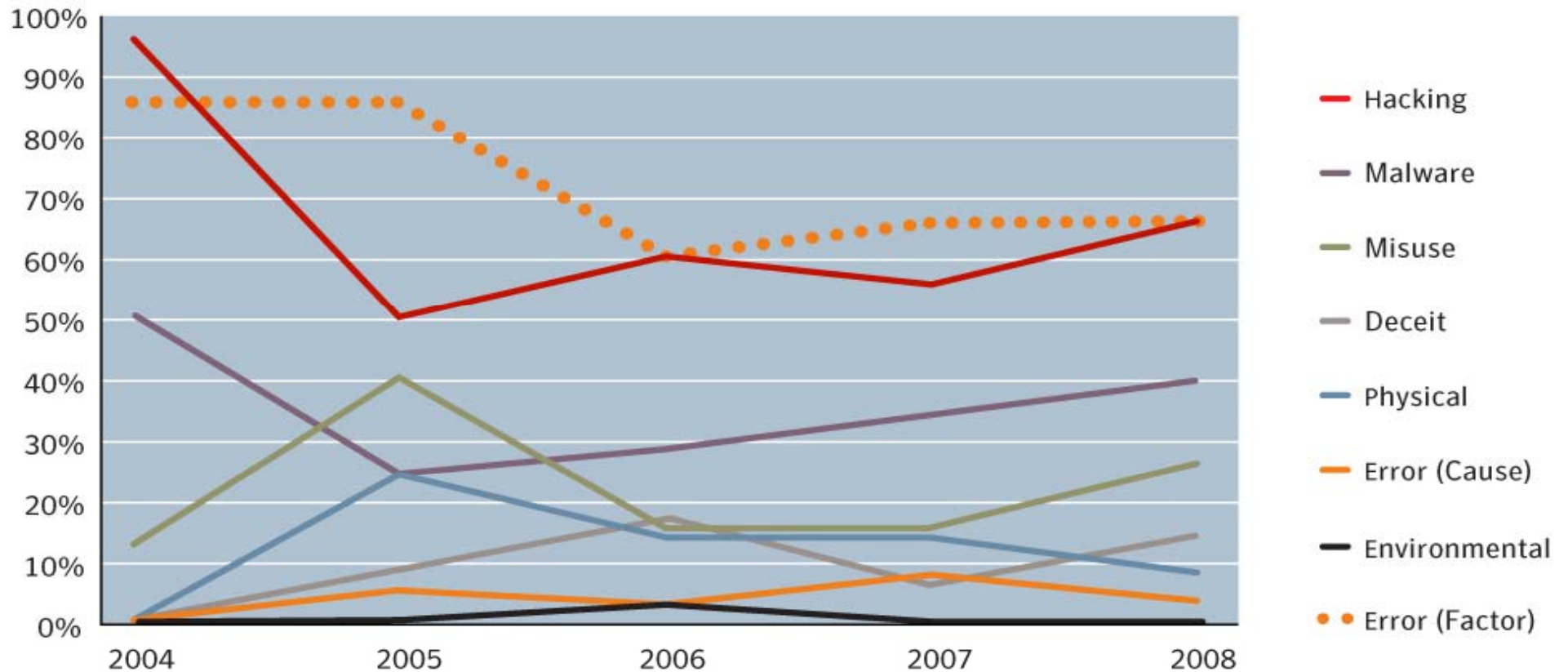
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Why Breaches Happen





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Why Do We Care(!)

It Costs Plenty

- Identity Theft Resource Center (ITRC in 2010) reported PII data breaches increased 600% and totaled 200 million records
- Value/records lost in 2009 was \$204/record
- Total per incident cost >\$6M
- 60% of individuals terminated their vendor after a data breach of their data(1)



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A Bad Breach





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Anatomy of the Breach Attack

- 1. Initial Incursion**
- 2. Discovery**
- 3. Capture**
- 4. Exfiltration**



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Prepare For the Breach

Step 1- Protect-Defend-Respond

Step 2- Assess Your Risk

Step 3- Educate Employees

Step 4- Create Your Plan

Step 5- Create Your Response Team



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Breach Operational Readiness

Adopt Effective Security Policies and Standards

Assign Roles & Responsibilities

Understand Regulatory and Legal Requirements

Adopt Proven Controls

Leverage Partners

Test Your Plan and Test It Again



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Now What

Execute Your Plan

Communicate

Gather Data- Forensic Analysis

Collaborate Across Functions

Remove Cause(s) of Breach

Adapt to New Threats



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Breach Response Summary

1. Understand Your Risk Factors
2. Data Loss is Expensive
3. Understand the Manner of Attack(s)
4. Prepare- Prepare- Prepare
5. Test Yourself