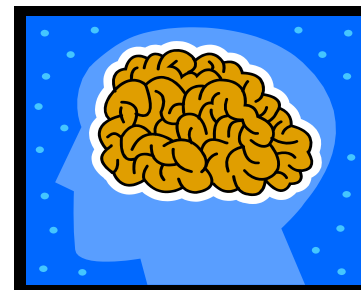# PSIM: Vital Component of an Enterprise Security Strategy

# Big Ear, Little Brain = Reactive Posture

# Inability to Integrate Critical Information

THE

# 9/11

## COMMISSION REPORT

FINAL REPORT OF THE NATIONAL COMMISSION ON TERRORIST ATTACKS UPON THE UNITED STATES

- World Trade Center  1993

- Bojinka Plot

- Minneapolis

- Arizona

- Meeting in Manila

- San Diego safe house

- Traffic stops

- Agency info

- Intelligence "chatter"

# Jessica Lunsford Kidnapping



- Convicted sex offender John Couey lived within sight of her home
- Couey kept Jessica Lunsford bound inside his bedroom closet for at least three days
- Officers visited Couey House while Lundford was held Inside
- Couey hadn't shown for a probation meeting

# "Big Data" Underutilized in Corporate Security
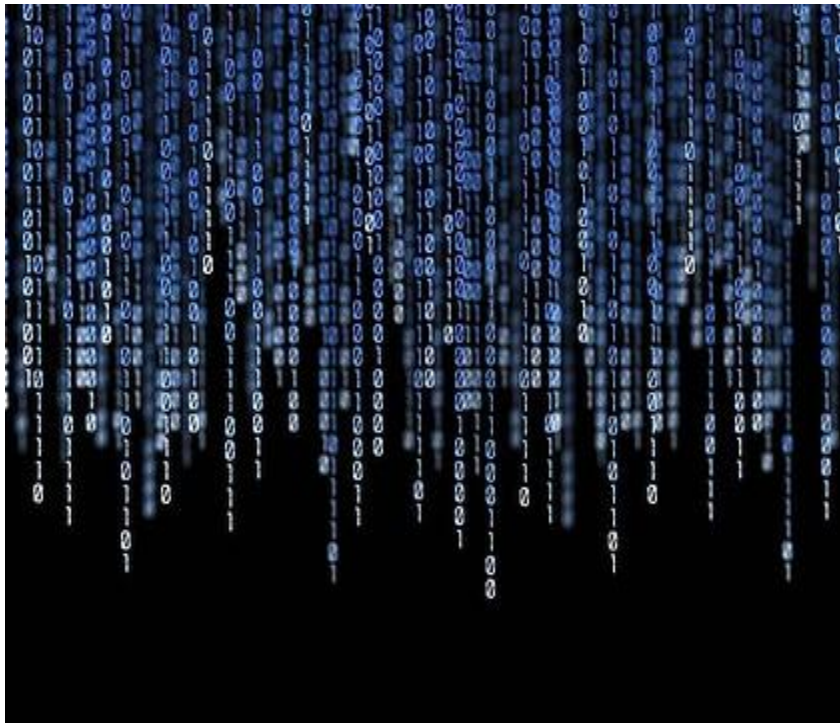


Why Can't We Use 'Big Data"
To Protect Corporate Assets?

Current uses

- Marketing

- Business intelligence

- Fraud detection

"Silos of Excellence" hinder cohesive response; PSIM makes them work!

# PSIM Brings Data Together:
# Ability to Predict and Prevent

- Integrate /analyze information from all sources

- Identify "crown jewels"

- Identify threats/risks & prioritize

- Implement prevention strategy
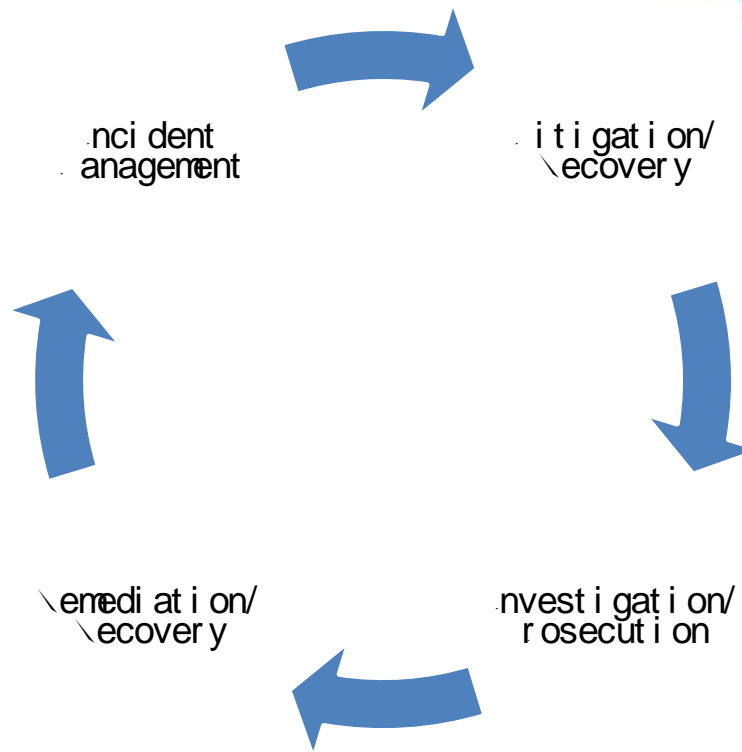
# Threat Analysis: Providing Context For Informed Response

# Incident Management: Virginia Tech

# Incident Analysis

- Measure Results

- Feedback Loop

ncident
anagement

itigation/
ecovery

emediation/
ecovery

nvestigation/
rosecution

# Intelligence Cycle

- Identify information needs and gaps

- Proactively gather information

- Break down information silos/integrate data

- Analyze/report/draw conclusions/establish goals
  - Reduce  events
  - Predict events
  - Effective management of events
  - Minimize impact of incidents

- Enhance SOP

# Success Measures: Incident Reductions

- Bank robberies reduced over 50%

- ATM burglaries losses/damage virtually eliminated

# Internal Sources

- Security staff/guards

- Vendors

- Employees

- Cameras

- It system

- Access control

- Property managers

- Incident reports

# Internal Sources

- USG info sharing initiatives
- PSLC
- Fusion centers
- Subscription services
- Security associations
- CAP Index
- GEO mapping

# Best Practices

- Consolidate command post/control centers whenever possible
- Hire and train analysts
  - Specialty areas of responsibility – Travel; Protest Groups; Specific Threats
  - Info Sharing Initiatives
- Intelligence/threat communications
  - Who needs to know; Who wants to know
- Collocate security technology; facilitates/workplace control center; cyber control center and business continuity component
- Utilize tools such as PSIM to facilitate information sharing, improve response, and analysis to predict/prevent