

# IANS Research Priorities 2010

## Economy

- Doing more with less
- Infosec budgets
  - Opex
    - Metrics, Measurements
    - Cost savings
  - Capex
    - Total Cost of Ownership
    - Vendor management

## Information Assurance

- Data Classification
  - Structured and Unstructured
  - Intellectual property
  - Role of AI/Neural Networks
- Data Loss Prevention
  - Re-perimeterization redefines DLP
- Enterprise Rights Management
  - Use cases
  - Technology maturity
- Enterprise Search
  - Google

## Enterprise 2.0 Technologies

- Cloud-based Services/Applications
- Virtualized Environments
- Virtualizing Security Technologies

## Personal Assets in the Enterprise

- Mobile Devices
  - Smartphones
  - Laptops
- Social Networking Sites
- Cloud-based apps
  - Storage
  - Key business apps

## Authentication

- User friendly
- Cost effective
- Prioritizing high value employees

## Identity and Access Management

- Provisioning/Deprovisioning
- Entitlement management
- In the cloud

## Software Security

- COTS and custom apps
- Code scanning and vuln. testing
- Web applications

## Risk Management

- Risk and compliance solutions (GRC)
- Processes and best practices
- Frameworks

## Proving Value

- Integrating IT Security with the business
- Opportunities to add value
- Metrics relevant to senior management

## Optimal Operating Models

- Actionable intelligence
- Use automation for efficiency
- Move from reactive to proactive
- SOC Service Model
- Organizational Structure
- Where should Security Live?

## Strategic Role of Security

- Business Asset vs. Cost Center
- Setting the Mission Statement, defining the role
- Raise awareness
- Staff retention

## Convergence of Work & Home

- Digital allowance program
- Acceptable Use & Social Networking
- Home Network
- Mobile
- Policies
- Privacy

## Threats

- Advanced Persistent Threat (APT)
- Risk Assessment Maturity
- "Dwell Time"
- Incident Response
- Forensics
- Enterprise Security Intelligence Management

## Reg Compliance 2.0

- Industry
  - PCI - Level 2 Merchant Requirements
  - HIPAA & HITECH
- State
  - MA Privacy
  - 45 other US states
- Federal
  - American Recovery Reinvestment Act
  - Will there be a federal privacy law this year?
  - FISMA and others
- International
  - Risk/Reward analysis

## Outsourcing

- Entities we outsource to
- Meeting requirements of customers who outsource to us
- Third-party assessments
- Real or perceived?
  - Verifying cost savings
  - Cheaper, Better, Faster

## Security Technology Purchasing

- Buying strategy
- Selection Criteria
- Vendor Management

Managerial Priorities

Operating Priorities

Technical Priorities