



# Enterprise Mobile Security Strategies

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# + Agenda

- Overview of Issues
- Strategies For Developing Solutions
- Future Trends



# + Enterprise Mobility Issues



- Notebook Computer
- Portable Storage Device
- Mobile Phone
- Tablet PCs

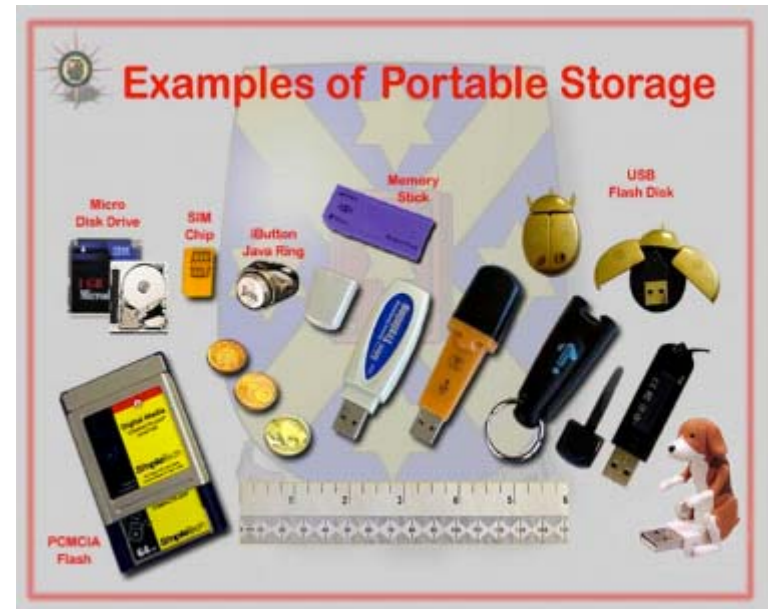
# + Device Management enables Business Mobility

- Device management is critical in implementing any mobility solution for the business IT environment
  - Efficient administration and security
  - Manageability of devices and applications
  - Ability to support a wide range of devices
  - Flexibility to respond to evolving business needs in a dynamic mobile world

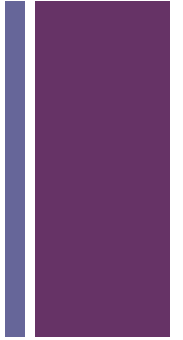


# + Issue: Portable Storage

- Storage, Storage and more Storage
  - Easy Data Sharing
  - Small, Smaller, Smallest, Lost
- Data Loss Prevention
- Bypass Security Controls



# + Issue: Mobile Workforce



- Culture Change
  - Can't Be Ignored
  - Huge Benefits
- Technical Challenges
  - Corporate Security
    - Firewalls?
  - Personal Devices

# + Issue: Mobile Workforce

- Everything Connects
- Hostile Environments



# + Strategies For Corporate Security

- Define Business Needs
- Develop Policy
- Technical Implementation
- Audit Device Use and Compliance





# + Strategy: Business Needs



## ■ Define Benefits

- What Are Your Goals?

## ■ Data Classification – Task #1

- Where's Your Sensitive Data?
- What Will Your Employees Store On Mobile Devices?

# + Strategy: Policy



## ■ Decision Points

- Strict Or Lenient?
- Device Ownership Decision
- Device Management Decisions
- Security



# + Policy



- Device Ownership
  - Company-owned (stricter)
    - Control and Security
    - Responsibility (mostly) company's
  - Personal Devices (more lenient)
    - Flexibility
    - Employee Satisfaction
    - Cost?

# + Policy

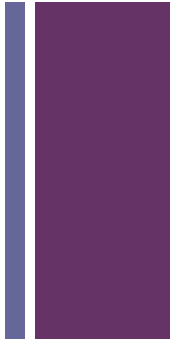


- Device Management
  - Corporate vs. Personal Management
  - Supported Models vs. All Models
  - Standard Configuration
  - Lost/Stolen/Sold Devices
  - Employee Termination

# + Policy

## ■ Security

- Data At Rest
- Data In Transit
- Access To Device
- Access to Enterprise Assets



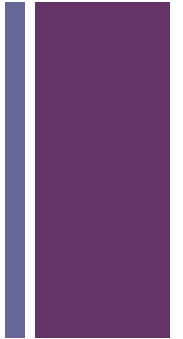
# + Policy

## ■ Responsibility

- Should Employee Share Responsibility?

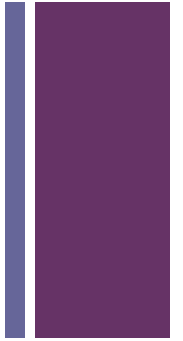
## ■ Policy Education

- Critical Component



# + Strategy: Technical Controls

- Intersect With Policy And Security
- Policy Without Controls Is...
- Integrate Solutions With Architecture
- Don't Forget About Existing Policies
  - Acceptable Use



# + Strategy: Audit Device Use



- Education
- Visual Audits
  - Manager drive-by
- Technical Audits
  - Logging
- “Lessons Learned” Audits
  - After-the-fact



# + Trends For the Future



- Increasingly Mobile Workforce
- Better Tools
  - Current: Remote Access, Minimize Local Storage
  - Developing Market for Tools
- Increasing Risk
  - Targets For Attack
- Increasing Awareness?
  - History of PC Security Awareness



**THANK YOU**