Mobile Computing Security Baseline Working Group (MCSBWG)

Mobile Technology Tiger Team (MTTT)
• Mobile Use Cases and Technological Centers of Gravity
• Target Architecture
• Mobile Computing Decision Framework
  ▫ Mission Requirements
  ▫ Decision Balance
  ▫ Tailoring Risk
  ▫ Results
Mobile Use Cases and Technological Centers of Gravity

Use Cases

<table>
<thead>
<tr>
<th>Non-Agency Controlled</th>
<th>Agency Controlled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public</td>
<td>Federal Employee</td>
</tr>
<tr>
<td>Partners</td>
<td>BYOD</td>
</tr>
<tr>
<td>State, Local, &amp; Tribal</td>
<td>COPE</td>
</tr>
<tr>
<td>Non-GFE with (Public to Gov) Data</td>
<td>GFE with Gov Data</td>
</tr>
</tbody>
</table>

MDM
MAS
ICAM
Data
Target Architecture

- Mobile Application Store (External)
- Mobile Application Store (Internal)
- Mobility Gateway
- Enterprise Services
- Data at Rest Standards
- Secure Government Infrastructure
- Email
- Chat
- Calendar

Components:
- Wireless Services
- Encrypted Tunnel
- Data in Transit
- Identity Access Management
- Mobile Devices
- Data at Rest Standards

- VPN
- Mobile Device Management
Mobile Computing Decision Framework

Mission Requirement
How would mobile support the mission?

Decision Balancing
How shall I weight the dimensions?

Tailor Risk
How will I cover the various risks?

Results
Selecting the right solution

- Application (R1)
- Device (R2)
- Infrastructure (R3)
Mission Requirements

- **Manage Mobile**
  - Users
  - Data
  - Location
Decision Balance

- Security
- Economics
- Capabilities
For Example Only
Results

Buckets

- Policy
- Legal
- Technology
- Operations
- Privacy
- Security
- Financial
Results - Policy

- Policy
- Legal
- Technology
- Operations
- Privacy
- Security
- Financial

- AC-1    T
- AC-2    T
- AC-2(1) T
- AC-2(3) T
- AC-2(4) T
- AC-2(12)r4 T
- AC-7(1) T
- AC-7(2) T
- ...


# Results - MDM - Policy

<table>
<thead>
<tr>
<th>Gravity</th>
<th>Requirement</th>
<th>Description</th>
<th>Threshold or Objective</th>
<th>Type Control M/O/T</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDM</td>
<td>PLCY-AC-2</td>
<td>A formal documented policy that describes all access controls/ requirement</td>
<td>T</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>PLCY-AC-2(4)</td>
<td>Account mgmt activity is audited - personnel responsible for acct mgmt are notified of activity/changes</td>
<td>T</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td>...</td>
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