



Security on the Move

What Does Security on the Move Mean to You?



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Agenda

- 1 What are the Drivers?
- 2 Risk Areas
- 3 Security & Privacy Challenges
- 4 What Can You Do?
- 5 Questions

Drivers

Laws

- Federal
- State
- County

Technology

- Easier to Gather
- Easier to Store Large Amounts
- Easier to Access

People

- Anonymity
- More Computer Savvy
- Curiosity

=

More risk to
Confidential
Information
and
Your Privacy

Legal Drivers



Federal

- HIPAA
- IRS Pub 1075
- Children's Online Privacy Protection Act of 1998

State

- California Constitution, Article 1
- California Civil Code section 1798
- California Penal Code Section 964

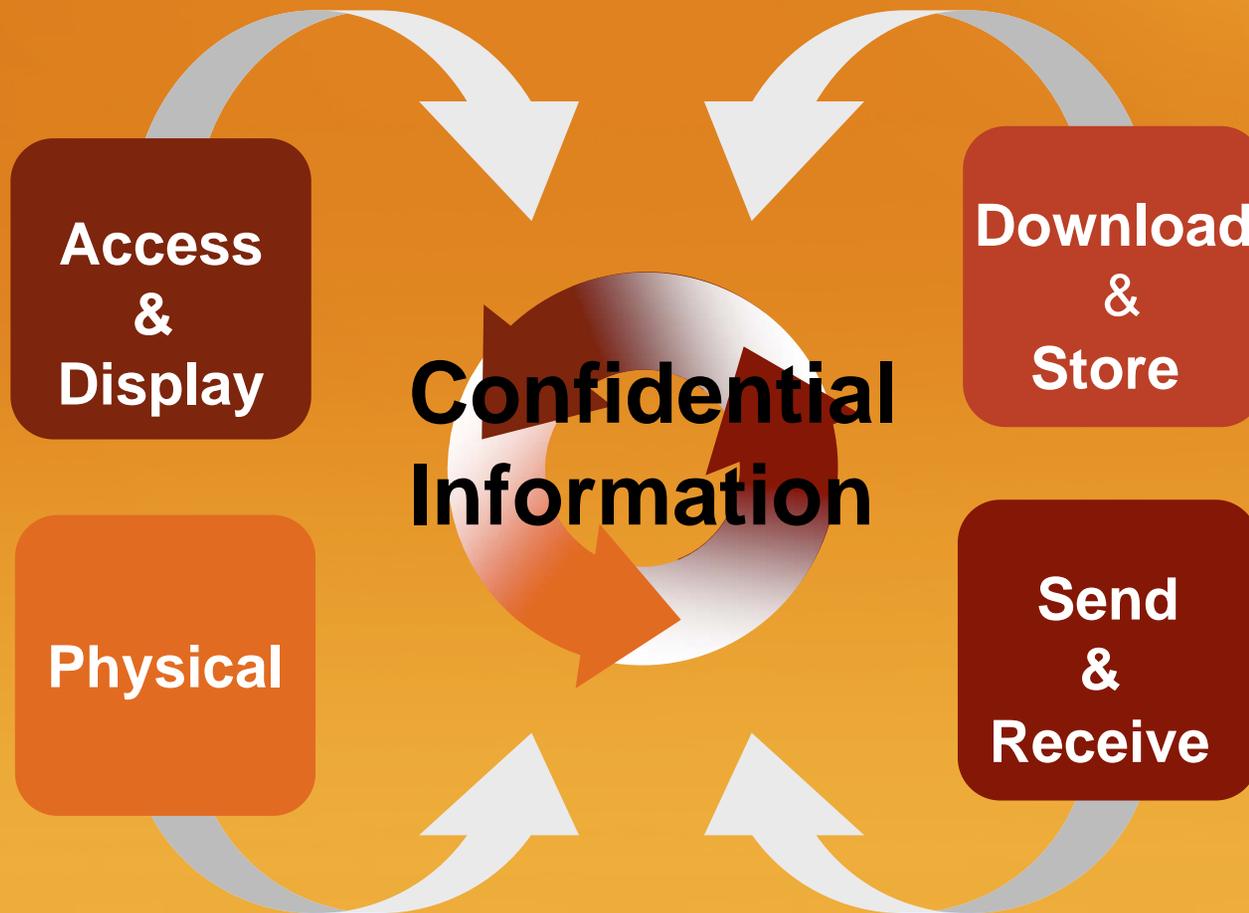
County and Local

- Enacted Policies and Procedures to Comply with New Laws



Protect
Confidential
Information
and
Your Privacy

Risks



What are Mobile Devices

Computers

- Notebooks
- PDAs
- Graphing Calculator

Media Recorders

- Digital Still Camera
- Digital Video
- Digital Audio Recorders

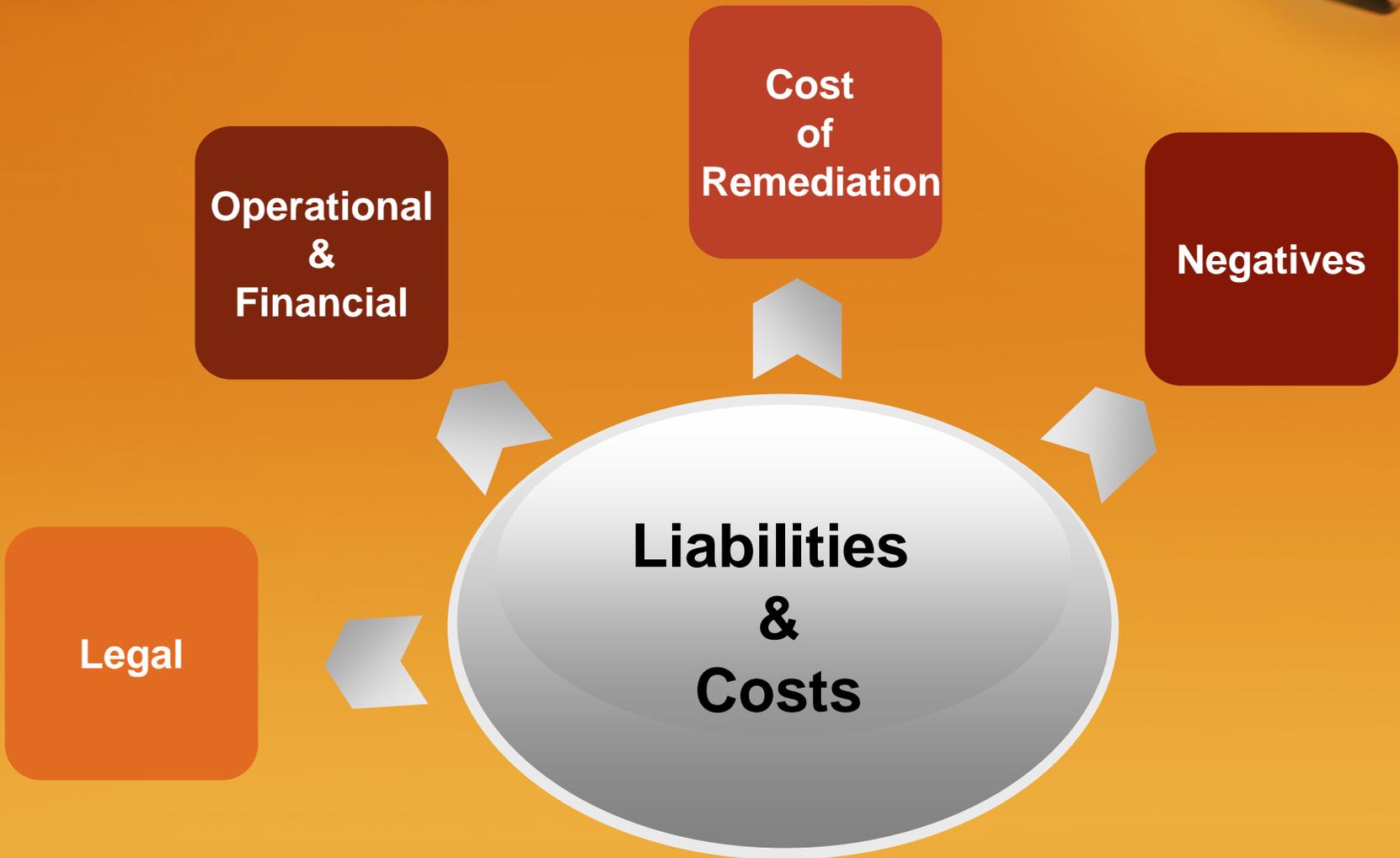
Comm Devices

- Smart Phones
 - Blackberry®
 - Treo®
 - iPhone®
- Text Pagers

Other Devices

- USBs
- MP3/Media Players
- Game Devices
- Digital picture Frames
- Any Device with Memory







**Be
Aware**

**Our
Responsibilities**

**Backup
And
Recovery**

**What
Now?**

**Protective
Measures**





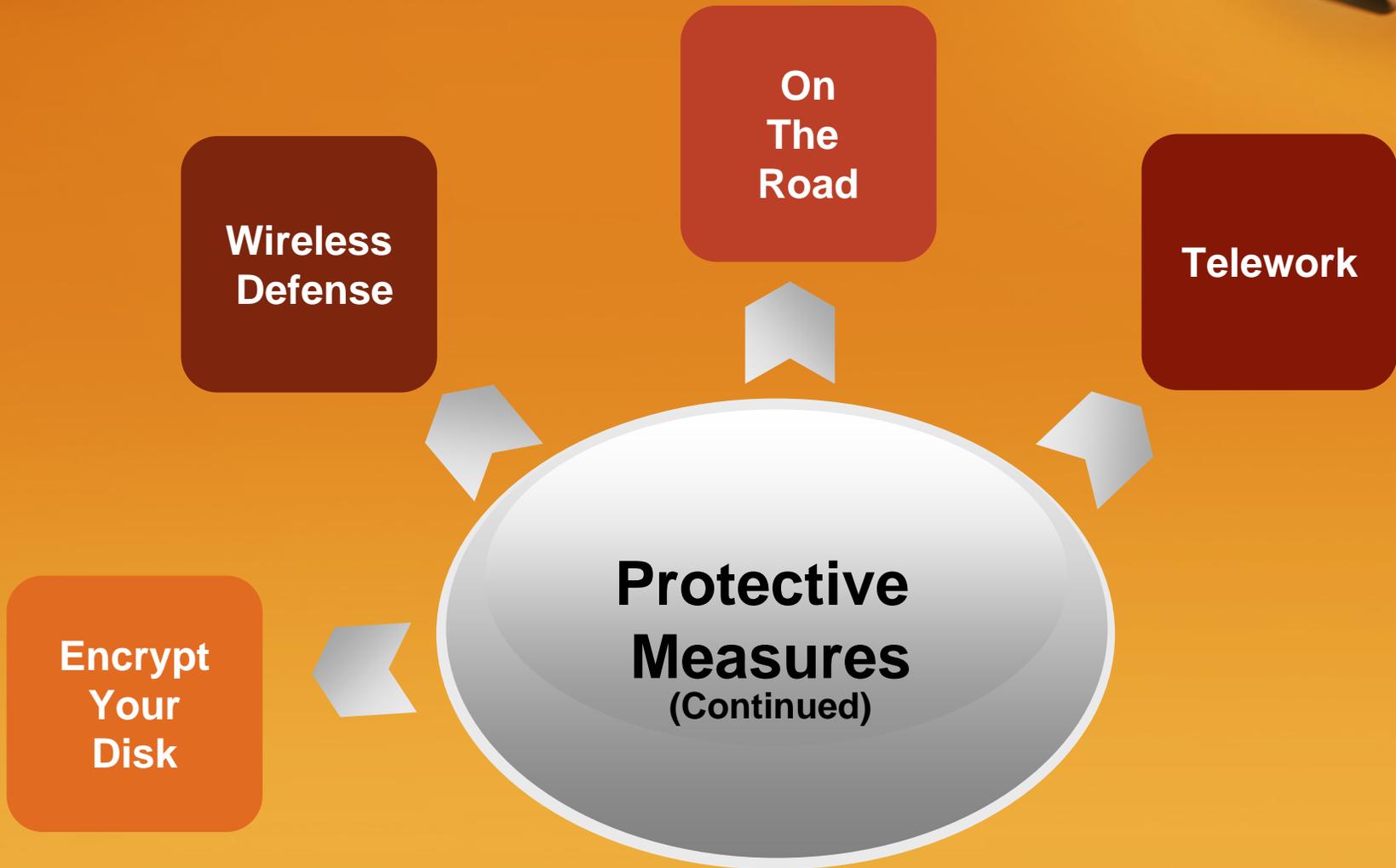
**On
The
Road**

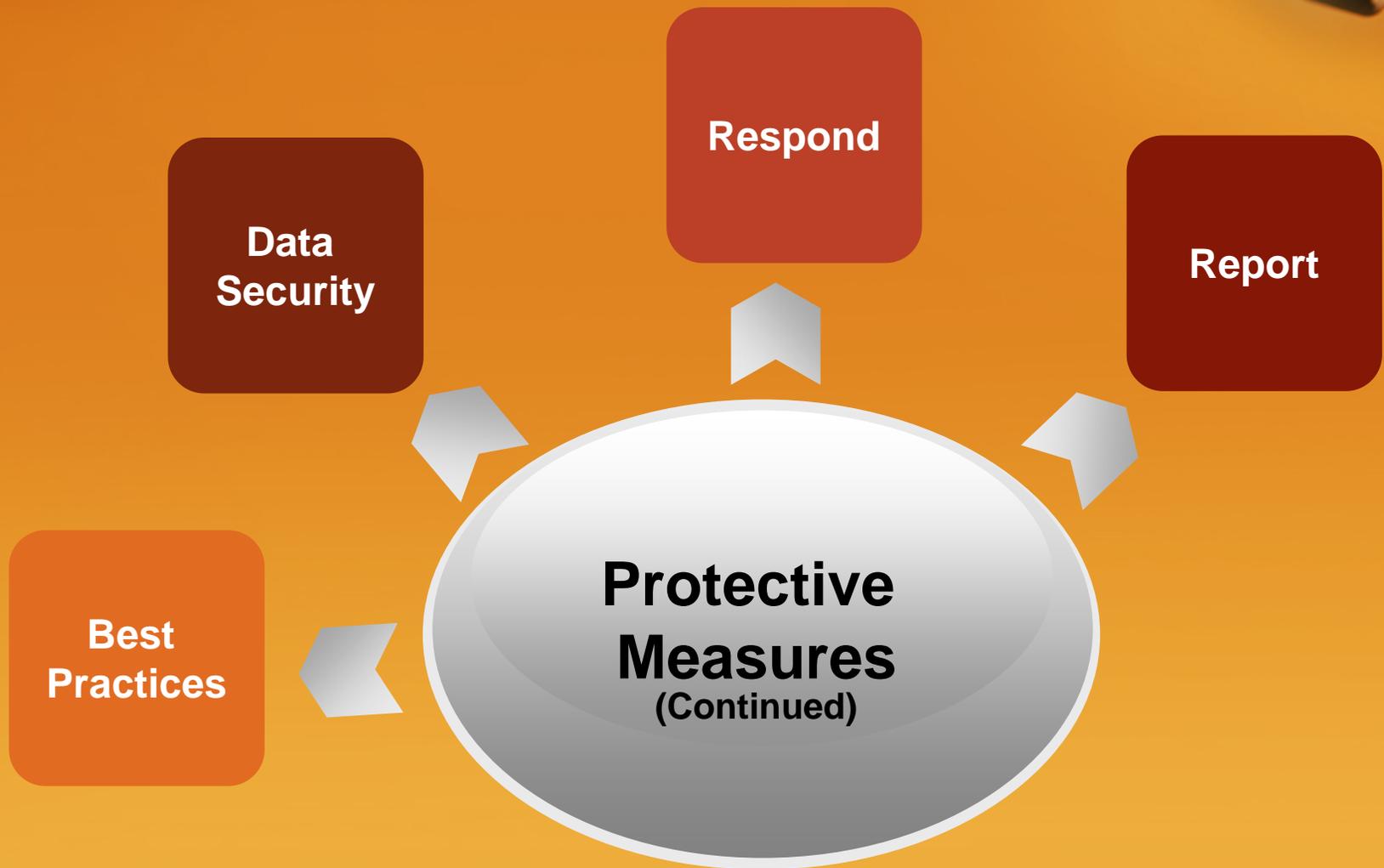
**Wireless
Defense**

Telework

**Encrypt
Your
Disk**

**Protective
Measures
(Continued)**





General Predictions



- Volume of attacks will continue to increase especially towards government and military networks.
- Data security breaches tied to theft will significantly increase.

General Predictions



- **Sophistication of application level attacks, such as SQL injection, buffer overflow, cross site scripting (XSS) and others will increase.**
- **Increased use high definition video, huge downloads and YouTube.**

Top 9 Network Security Threats in 2009



1. Malicious Insiders ↗
2. Malware →
3. Exploited Vulnerabilities ↘
4. Social Engineering ↗
5. Careless Employees ↗
6. Reduced Budgets ↗
7. Remote Workers →
8. Unstable Third Party Providers ↑
9. Downloaded Software Including Open Source & P2P Files →



Your Security Target

- Policies
- Detect
- Prevent & Protect
- Respond & Report



QUESTIONS

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A close-up photograph of a heavy metal chain with a large padlock. The chain is dark and metallic, with several links visible. The padlock is also dark and appears to be made of the same material. The background is a warm, orange-brown gradient, suggesting a sunset or a similar light source. The text "Thank You" is overlaid on the image in a stylized font.

Thank You