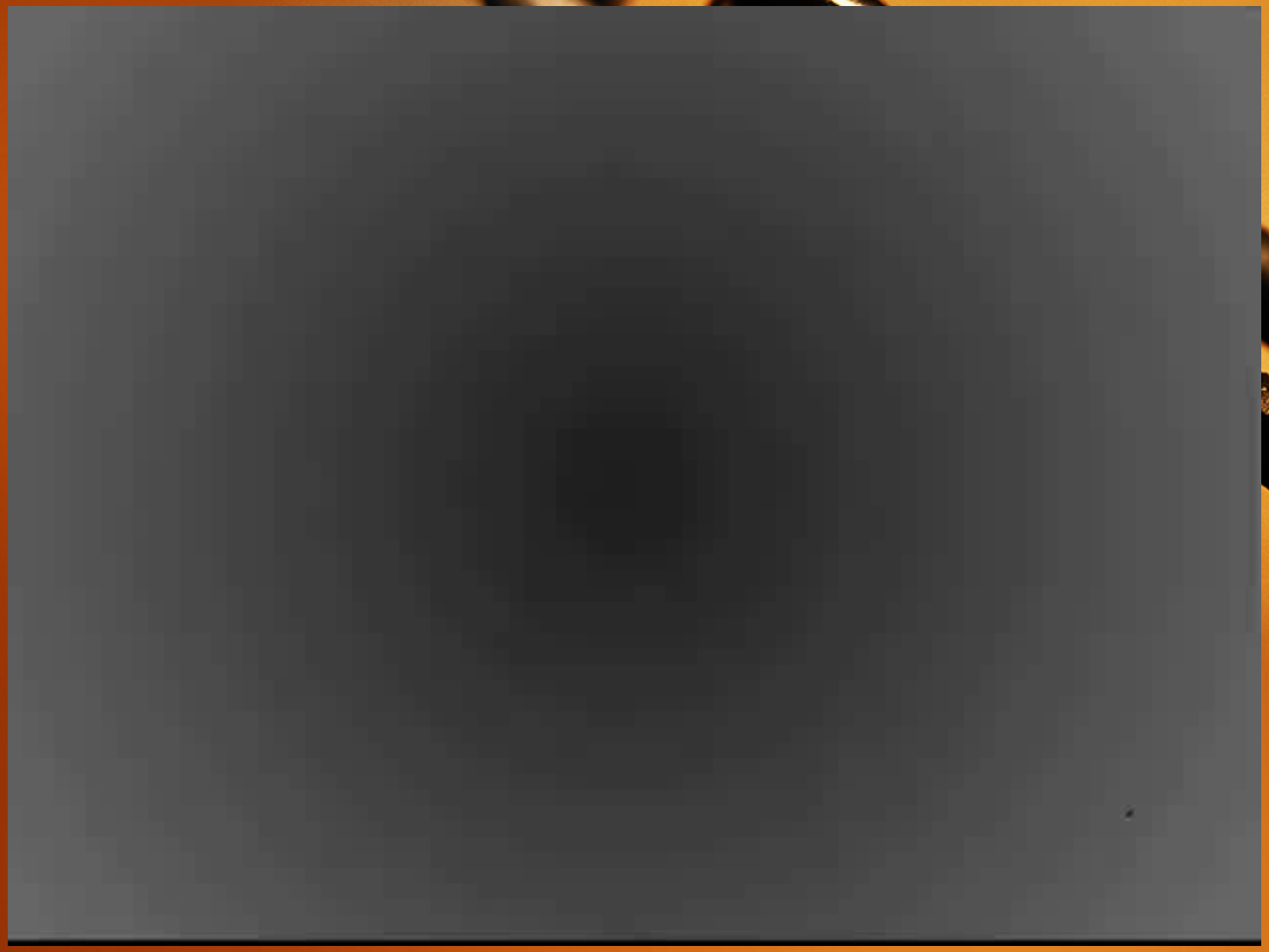
Security on the Move



Security on the Move

What Does Security on the Move Mean to You?

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

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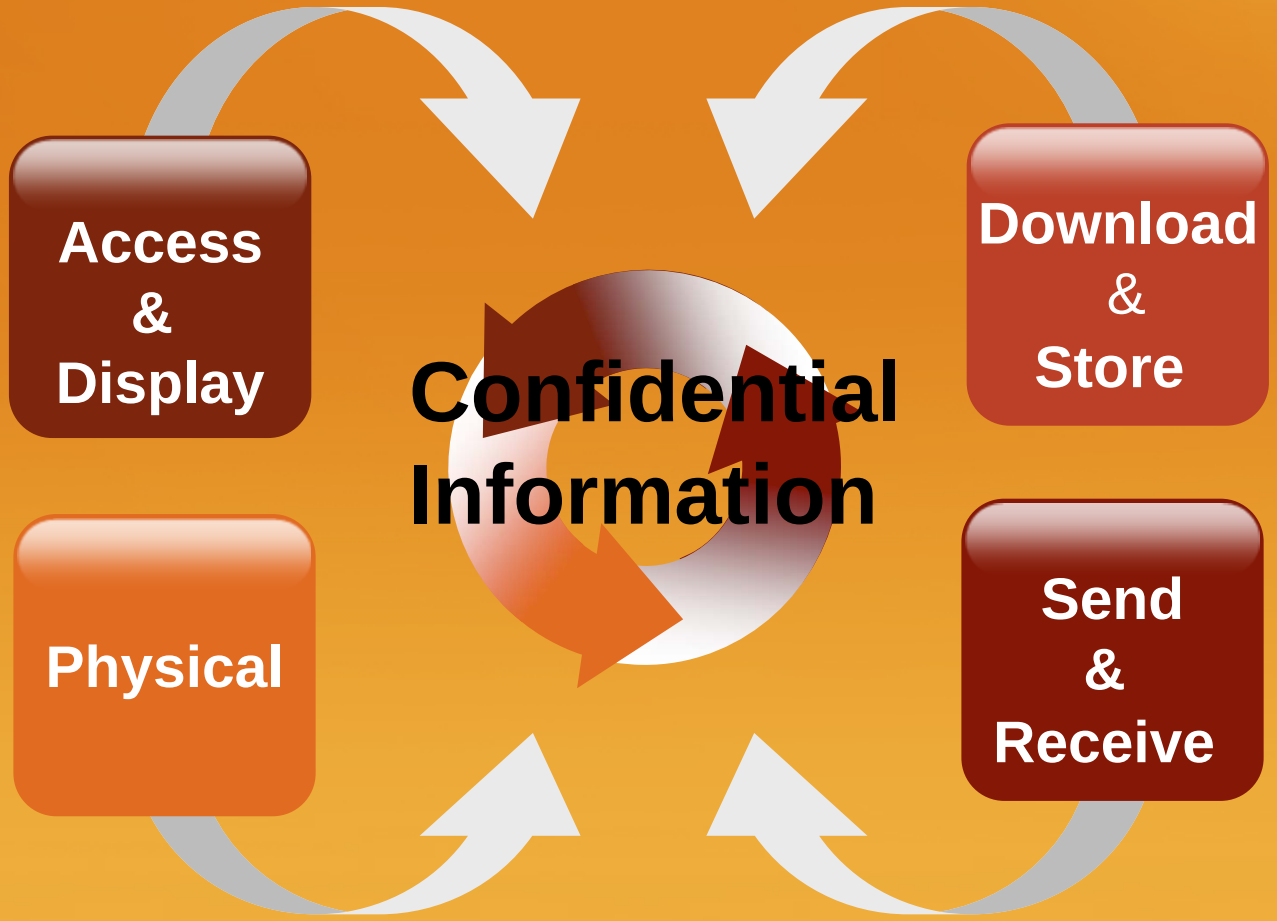
Protect Confidential Information and Your Privacy

Risks


Access & Display
Download & Store
Confidential Information
Physical
Send & Receive

What are Mobile Devices

Computers

- Notebooks
- PDAs
- Graphing Calculator

Media Recorders

- Digital Still Camera
- Digital Video
- Digital Audio Recorders

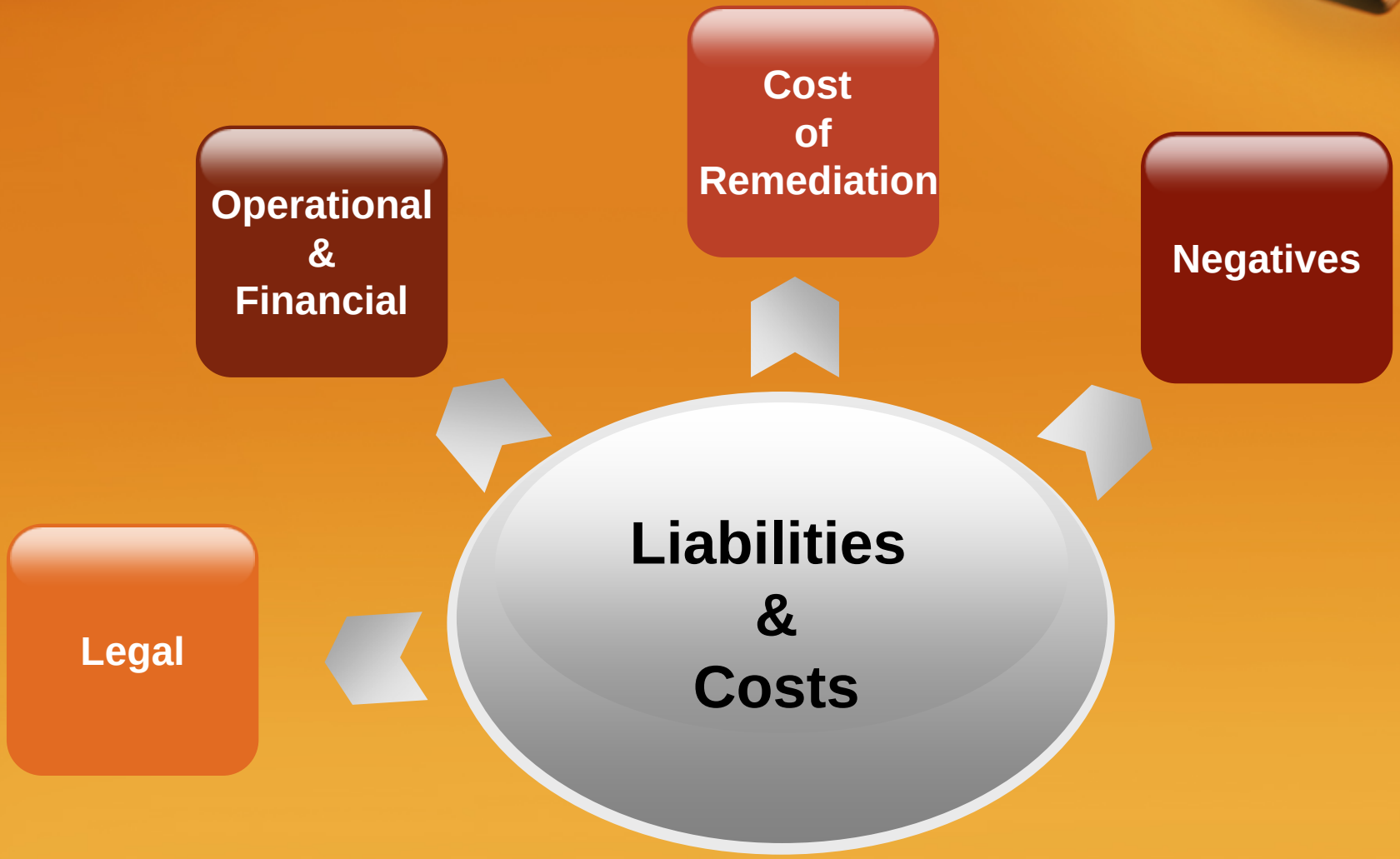
Comm Devices

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

Other Devices

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

People
Remote Access
Software
Theft & Loss
Threat Landscape


Cost of Remediation
Operational & Financial
Negatives
Liabilities & Costs
Legal

General Predictions

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

www.CSOOnline.com Top 9 Network Security Threats in 2009 By Kevin Prince

General Predictions

(Continued)

- Sophistication of application level attacks will increase.
- Increased use high definition video, huge downloads and YouTube.

www.CSOOnline.com Top 9 Network Security Threats in 2009 By Kevin Prince

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 →

www.CSOOnline.com Top 9 Network Security Threats in 2009 By Kevin Prince

Its People and our practices

Be Aware
Our Responsibilities
Backup And Recovery
Protective Measures
What Now?

Protective Measures
(Continued)

- On The Road
- Telework
- Wireless Defense
- Encrypt Your Disk

Protective Measures
(Continued)

- Respond
- Report
- Data Security
- Best Practices

Your Security Target

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

QUESTIONS

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Thank You