



Managing Identities and Security in a Mobile World

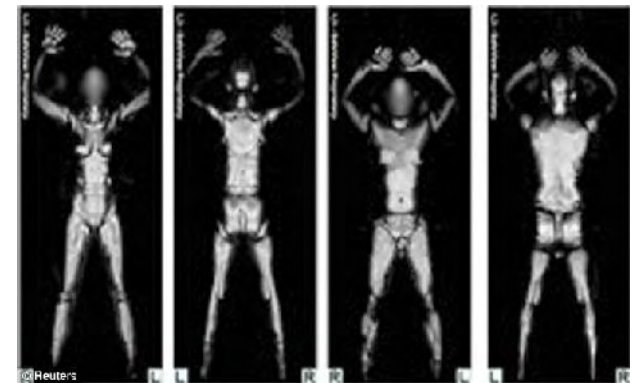
Kurt Johnson

VP Strategy & Corporate Development

Courion Corporation

History of Airport Security

Date	Event	Counter Measure
1970s	String of hijackings using guns and knives	Metal detectors installed
Sept. 2001	9/11 attacks	TSA takes over airport security, no box cutters allowed
Dec. 2001	Shoe bomber attempt	Passengers must take off shoes at check points
Aug. 2006	UK gel threat	3 – 1 – 1 (3 oz., 1 qt., 1 bag)
Oct. 2010	Cargo plane threat	Printer cartridges no longer permitted
Nov. 2011	Customer opt out of new check point scans	Enhanced pat downs



Source: 451 Group

HIGHSCORE - 00005821



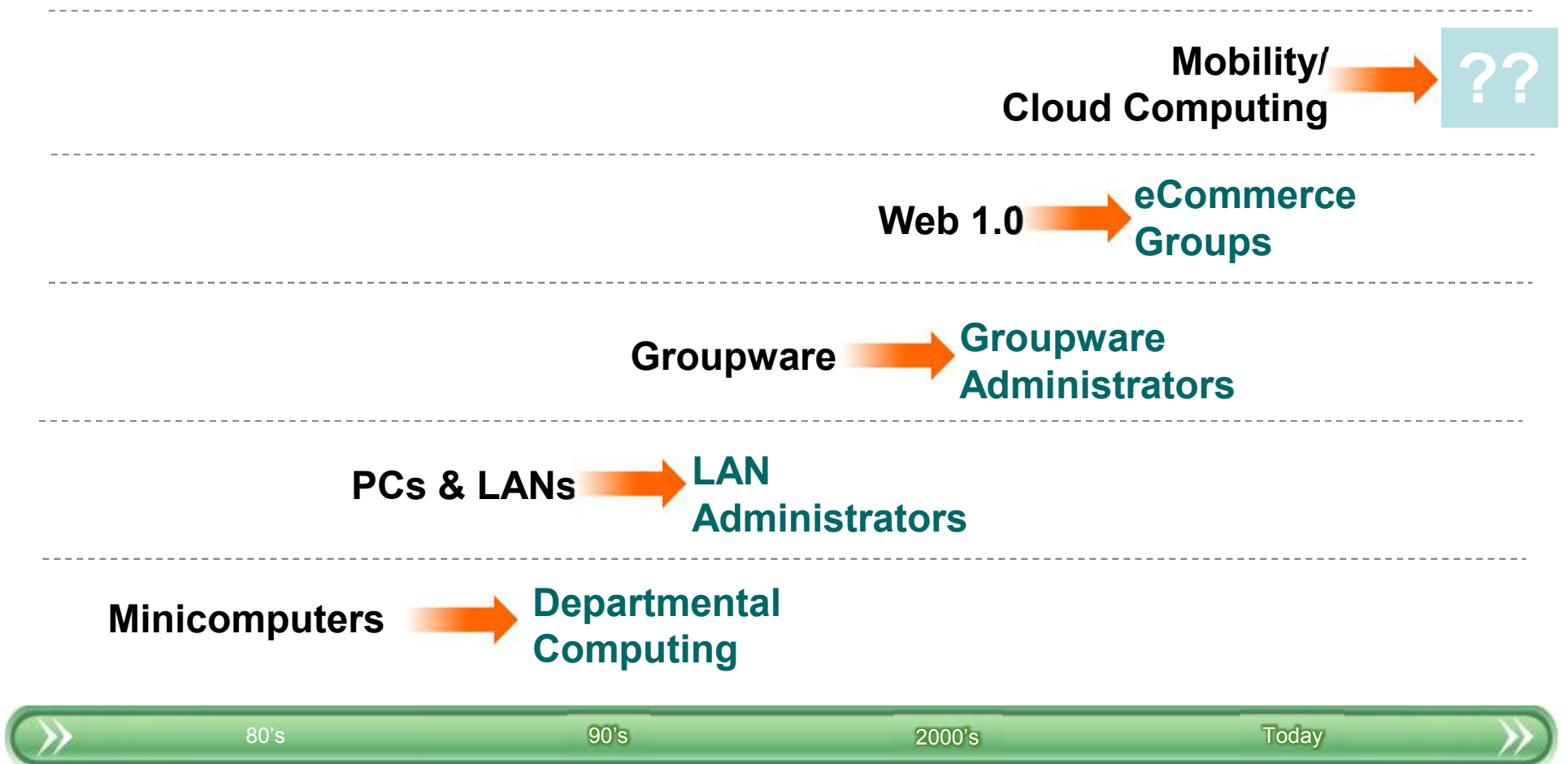
1UP - 00005821

2UP - 00005821



IT Security Need to Evolve

Transformational Moments In Computing



Technology is Part of our Lives



Dad: I finally joined facebook...now how do I farm crap?

Crazy Things Parents Text.com

Open Question [Show me another »](#)


Martha Francis

I CANT SEE MYSELF ON GOOGLE EARTH!!!!!!?

O.K. so I keep walking outside my house with my laptop and I still cant see myself on google earth!!! I KNOW that this is my house for sure on google maps but its not showing me when I go outside. I even typed in MY address.

WHAT IS GOING ON?!?!? I even started waving and trying to catch my own attention but its not working. I keep trying to reflect the sunlight with a mirror but Google maps still isnt picking it up on their videos! HELP ME!!!!

4 hours ago - 4 days left to answer.

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The Risk of Mobile

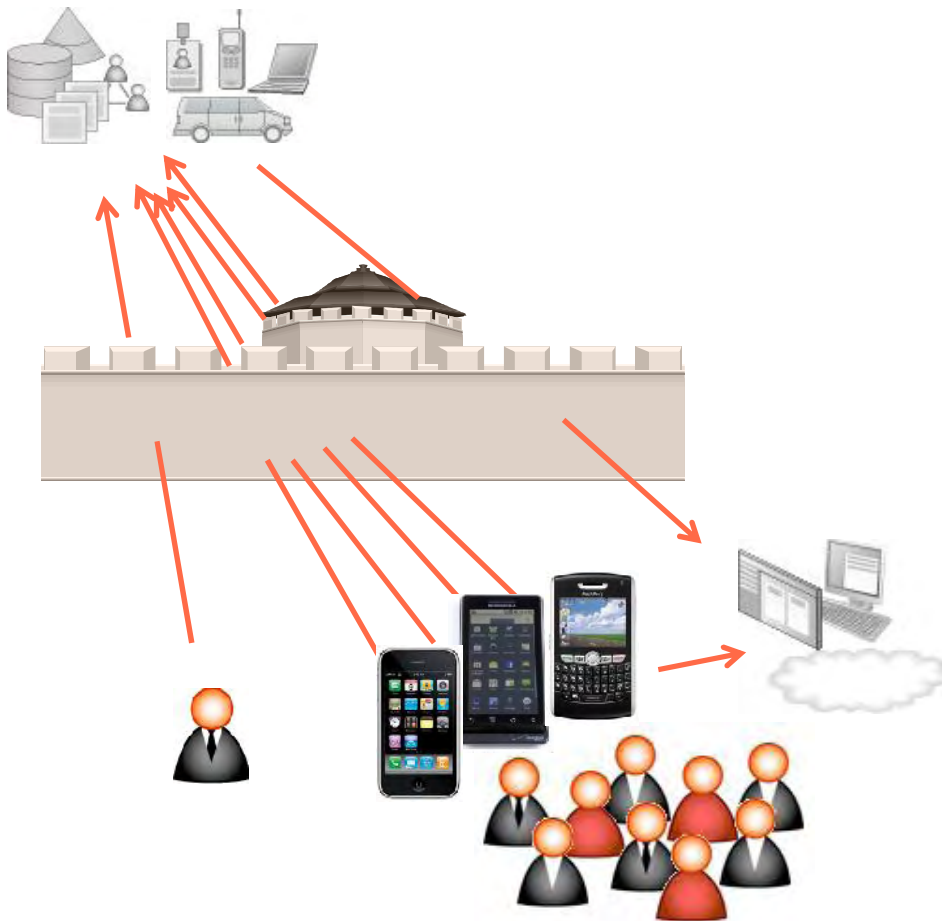
The convenience and functionality of these and other similar devices will drive widespread corporate adoption and security will once again find itself rushing to catch up.



The Risk of the Cloud

We are often asked whether “the Cloud” factors into many of the breaches we investigate. The easy answer is “No—not really.” It’s more about giving up control of our assets and data (and not controlling the associated risk) than any technology specific to the Cloud.

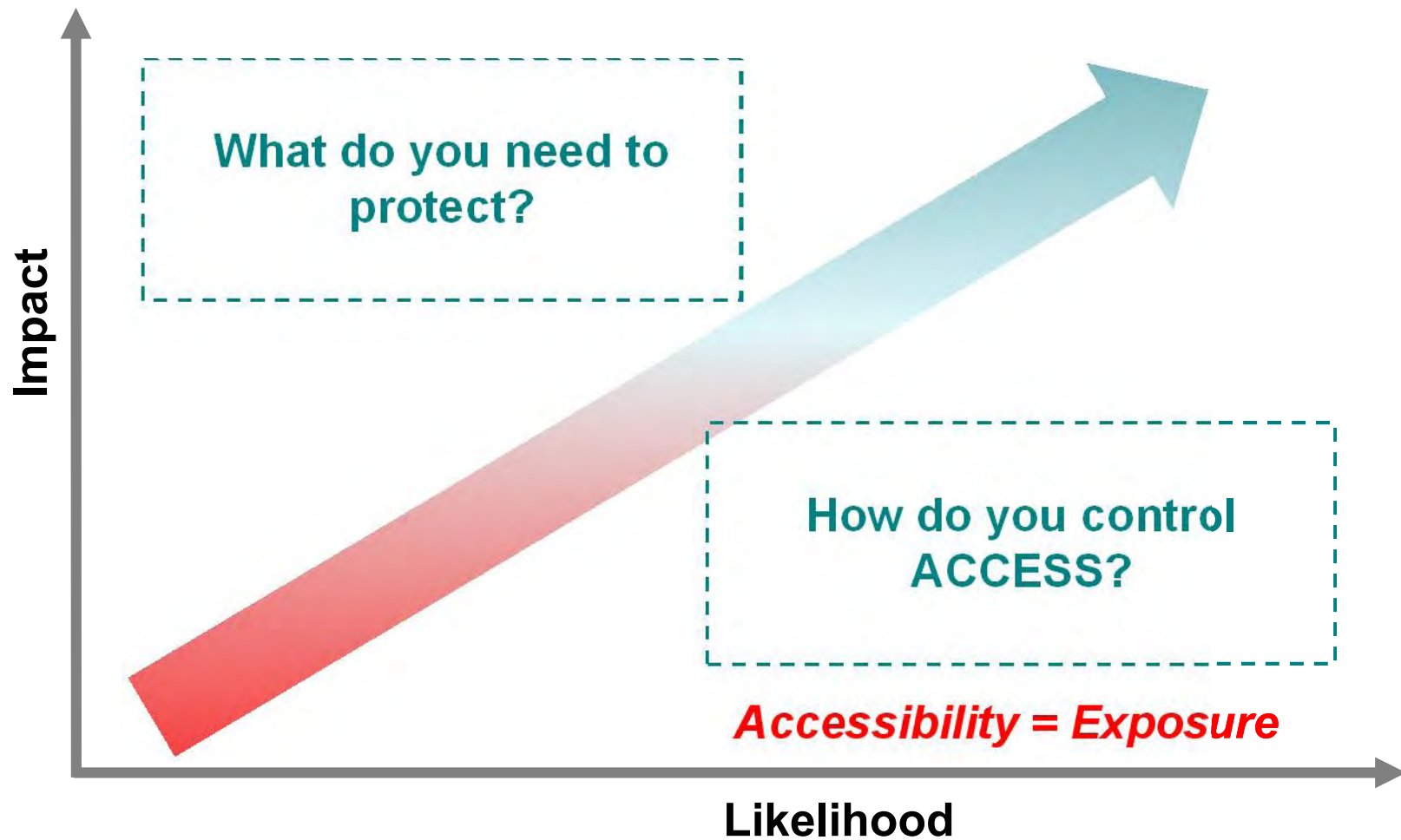
The Impact of Cloud and Mobility



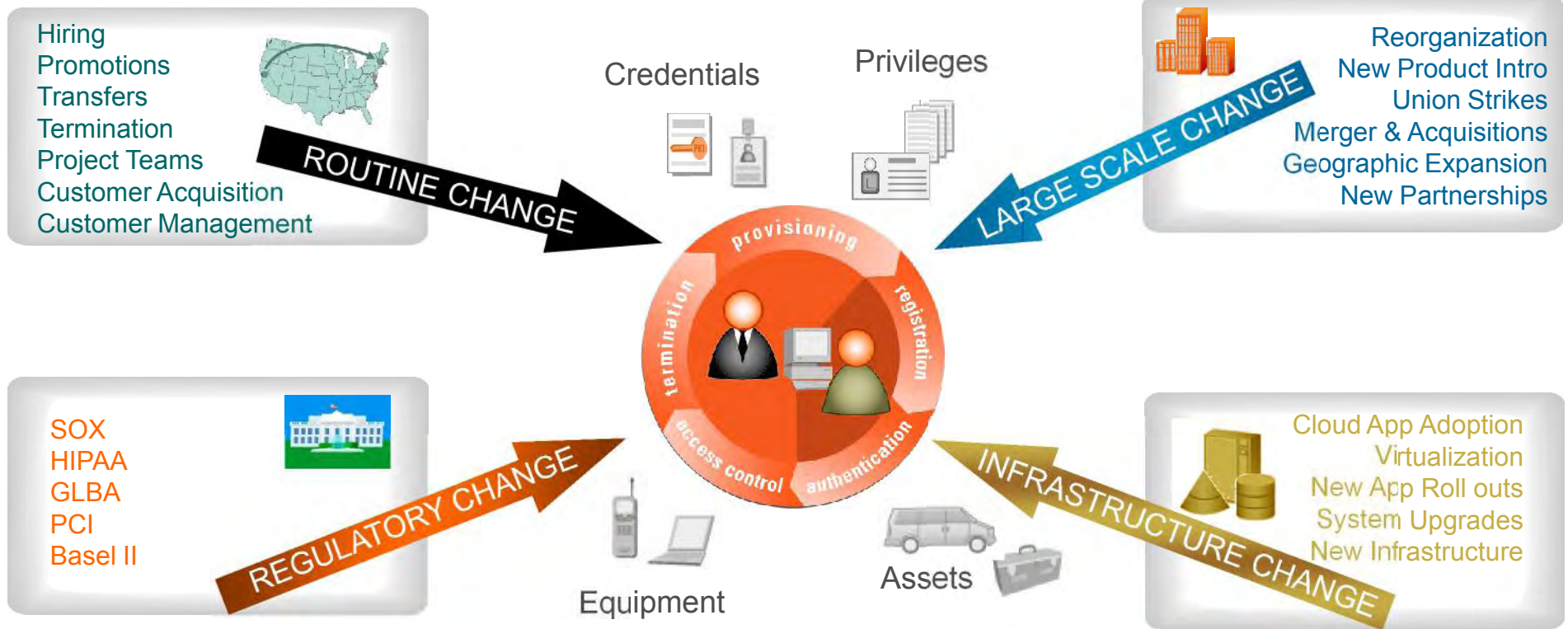
- More data accessible by more people via more devices
- Whose hand is the device in?
- Can you trust that they are who they say they are?
- “Identity” is more than who
 - It includes what you are doing, and to what
- Introduces exposure on accessibility to critical data



A Focus On Risk



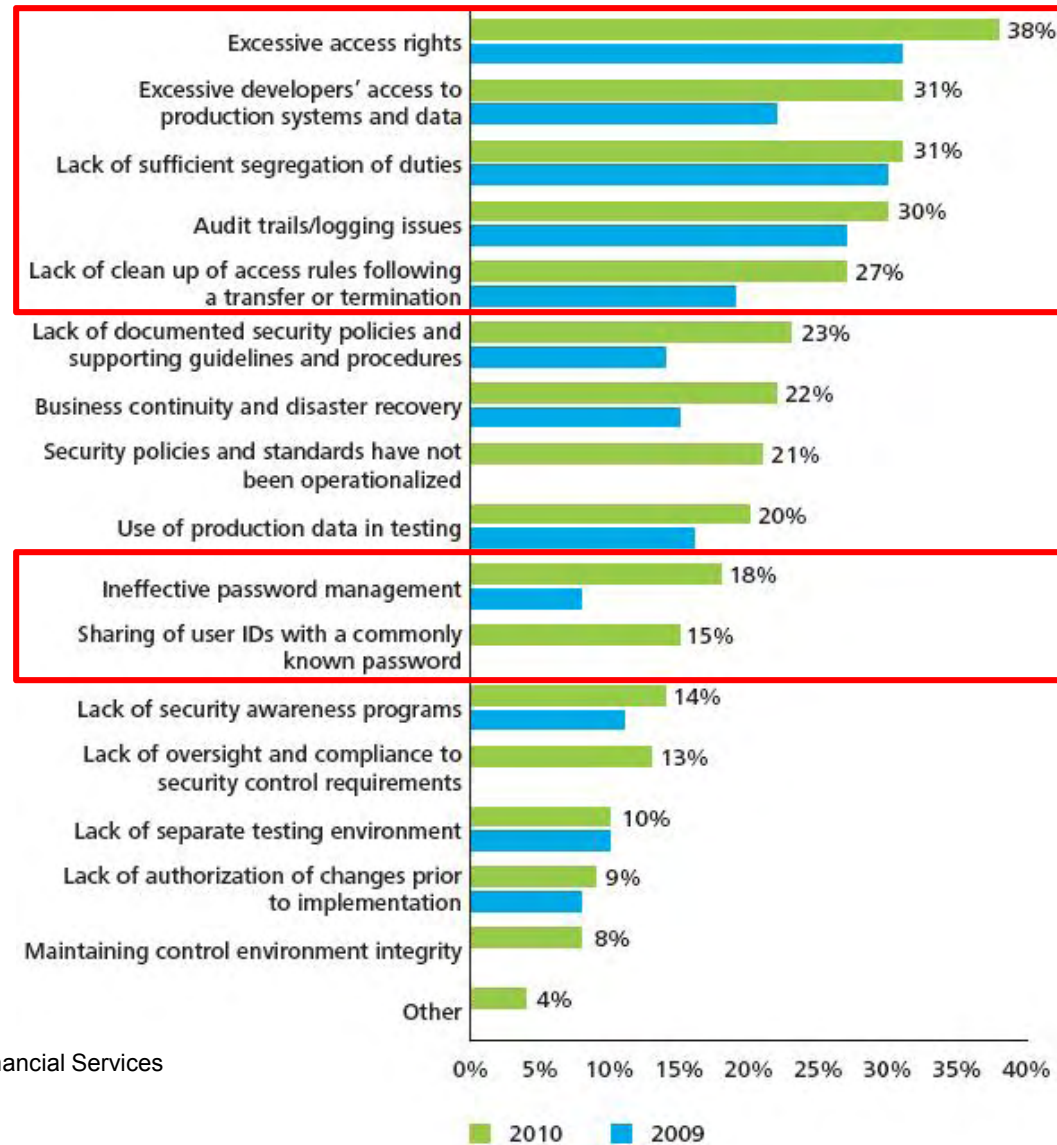
The Complexity of Access





Top Internal/External Audit Findings

- Access related issues are a top audit finding
- Excessive or unmanaged access equals increased enterprise risk
- Audit findings are increasing



Source: 2010 Deloitte Global Security Survey, Financial Services



Exposed: Clooney's Medical Records

Clooney Says He Hopes Hospital Debacle Can Be Solved Without Suspending Employees

Oct. 10, 2007



10 comments



Well

Tara Parker-Pope on Health

March 17, 2008, 5:44 PM

Hospital Workers Fired for Snooping on Spears

Washington Post: WikiLeaks download -- How did Army private pull it off?

Last update: November 30, 2010 - 8:05 PM

He

Ariz. hospital workers fired for accessing records

Medical center is where Congresswoman Giffords, other victims are being treated

Monday, February 07, 2011

Hospital Workers Fired for Improper Access of Football Players' EHRs



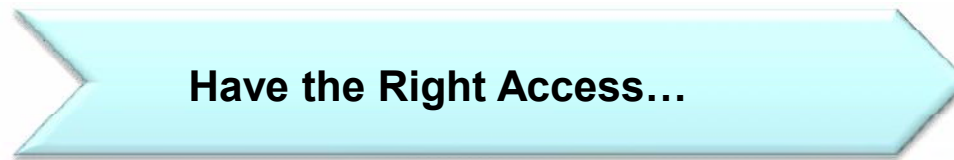


Access Assurance

Internal &
External Users



Ensure the Right
People...



Cloud Systems and Apps



Data



Assets



Resources



Systems and Apps

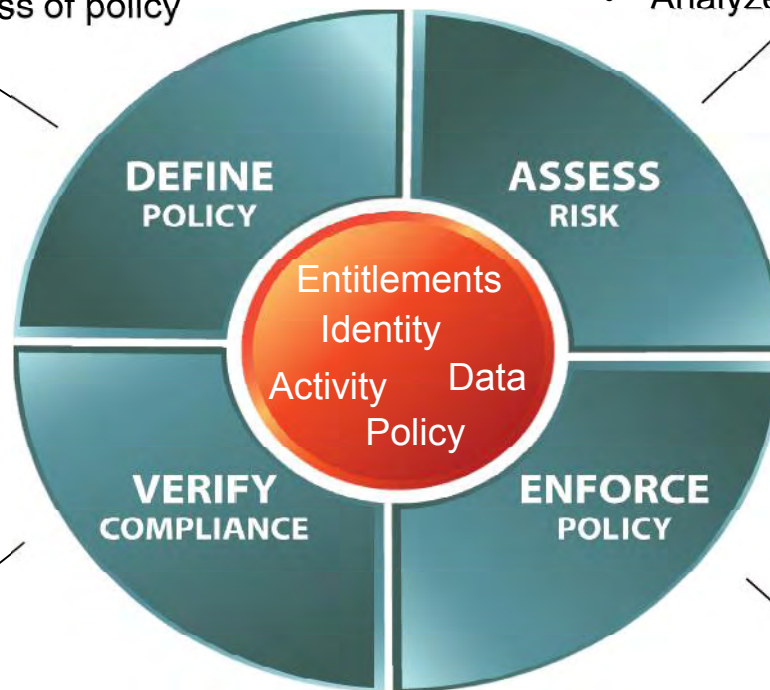
To the Right
Resources...

...and are doing the Right Things with it!

Access Assurance Components

- Translate business policy into access policy
- Manage policy lifecycle
- Assess effectiveness of policy

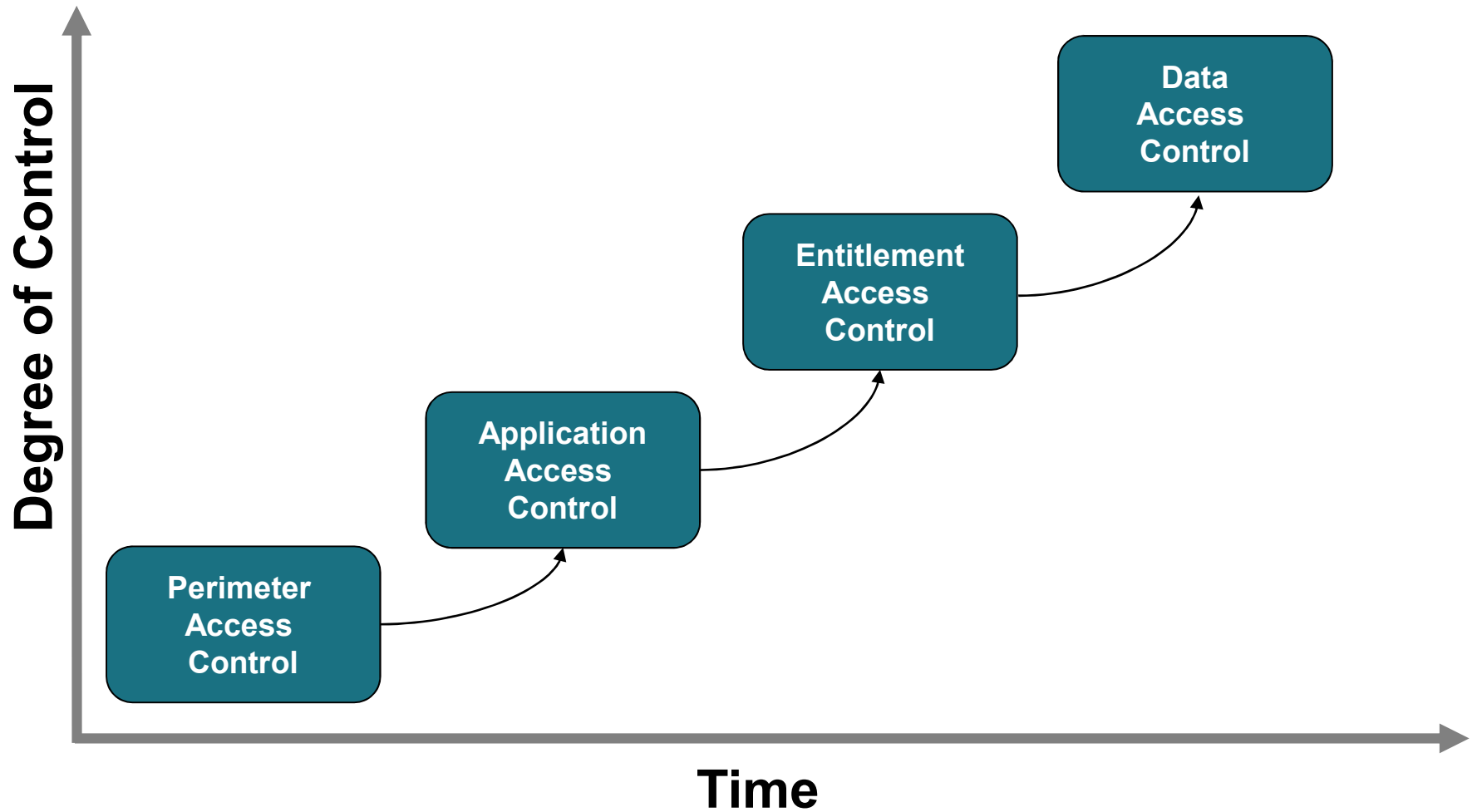
- Discovery
- Identify access risk
- Evaluate risk
- Prioritize action
- Analyze trending



- Access certification
- Access reports
- For entitlements, data access, and activity
- Usage outliers

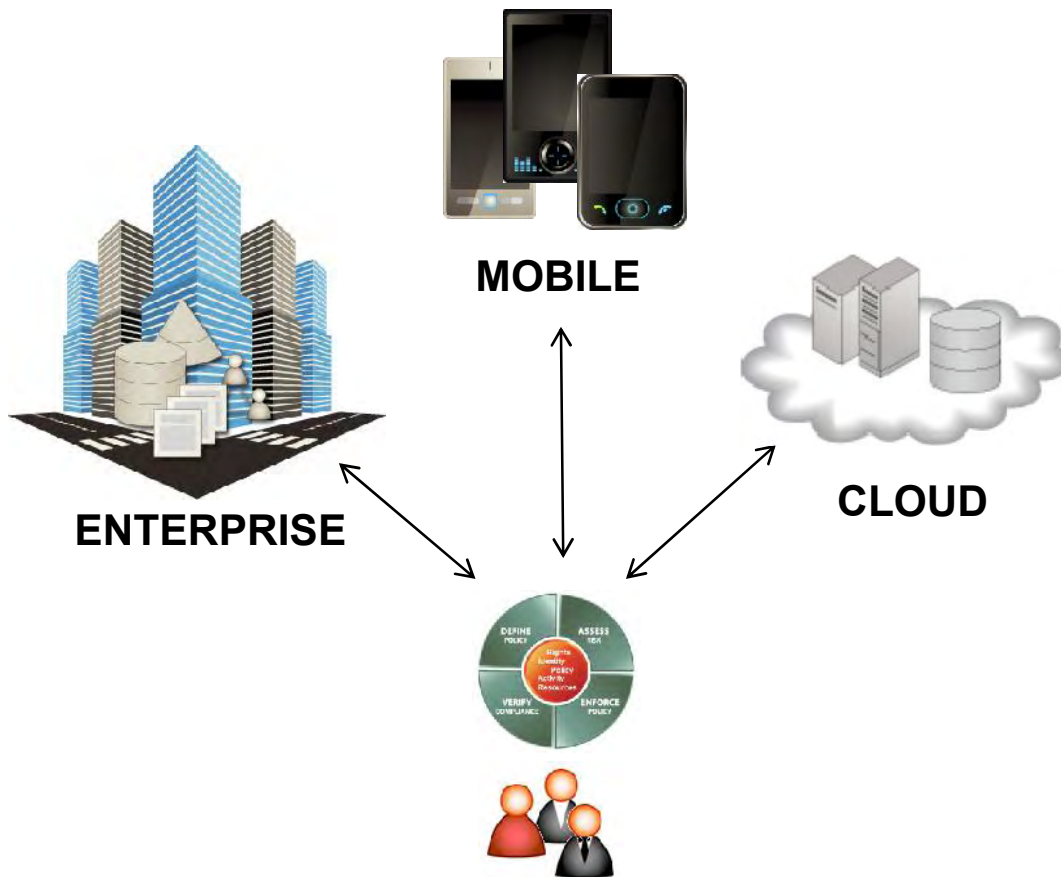
- Create access
- Disable access
- Remediate access
- Privileged checkout

Deeper Level Understanding





Deliver the converged business interface for access



- Organizations need an “enterprise” view
- Cloud and mobility will not eliminate the legacy enterprise infrastructure
- Single business processes for:
 - Hiring/firing/on-boarding
 - Auditing/ certification
 - Analysis & planning
 - Real-time access



So how do you “manage” access risk?

Be clear – you are managing risk, not eliminating it!

UNDERSTAND

COMMUNICATE

SETTLE

ACCESS RISK MANAGEMENT

Identify
Assess
Prioritize

- **Comprehensive, coordinated set of detective, preventative & compensating controls**
- **Access Intelligence to make decisions**

Mitigate
Accept
Insure