



September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY



**Defending the Fortress:
New Threats Meet New Defenses**



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Pick an Identity and Access Management Standard, Any Standard

Andras Cser

Principal Analyst

Forrester Research, Inc.



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

**Only Federation Is Capable of
Meeting the Identity and Access
Management Challenge.**



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Agenda

Benefits of Federation

Challenges of Federation

Marketplace Trends

Recommendations



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Agenda

Benefits of Federation

Challenges of Federation

Marketplace Trends

Recommendations



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

The Benefits





THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Governance and Accountability

- Lower cost of security
- Lower cost of compliance
- Centralized and easier auditing of access
- Reduced need to audit partners
- Access recertification and deprovisioning is still difficult



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Extended Business Services

- M&A activity is much easier and faster
- More authority for business units
- Delegated administration for business users
- End users need not to wait for remote password resets since passwords are administered locally
- SaaS adoption



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Efficiency and Effectiveness

- Identity Administration is less costly – it's done locally
- Consolidation of user repositories
- Standardized protocols (SAML, OpenID, etc.) reduce development effort and cost
- Replacing Web SSO
- Easier provisioning



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Agenda

Benefits of Federation

Challenges of Federation

Marketplace Trends

Recommendations



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Challenges of Federation

- Other IT priorities often take precedence
- Too many standards
- Lack of adoption at the potential partner
- Legal frameworks
- Circle of trust is bilateral, not multilateral



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Challenges of Federation (cont'd)

- Fear of hacking of the crown jewels
- No federation protocol translation
- No trusted IdPs
 - Consumer
 - Enterprise
 - Business model is still lacking!



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Agenda

Benefits of Federation

Challenges of Federation

Marketplace Trends

Recommendations



THE SECURITY STANDARD™

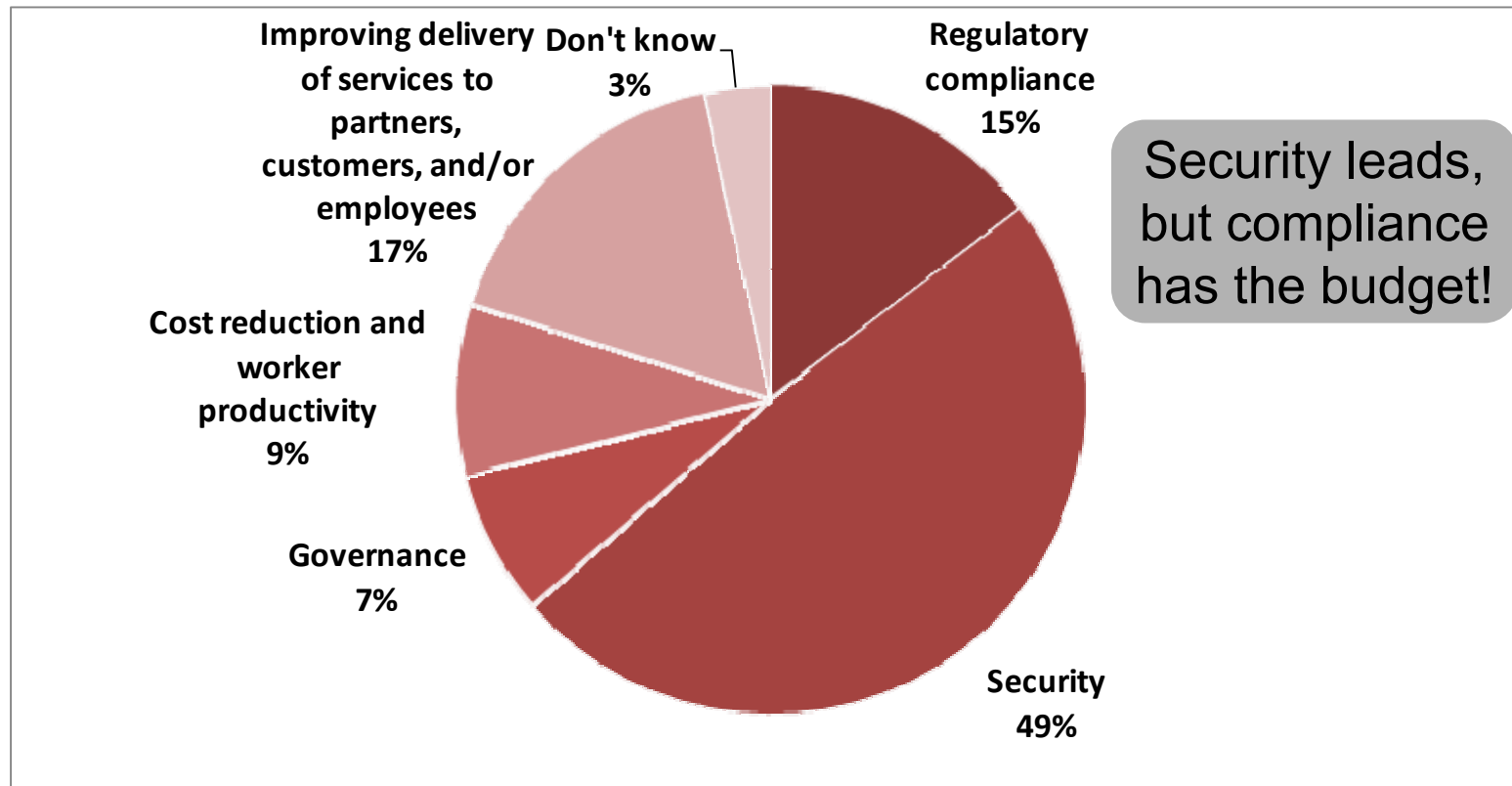
September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Security drives investment in IAM

“What is your firm's primary motivation for using identity and access management (IAM) within your enterprise?”



Sample Size = 795 North American and European enterprise IT security decision-makers, whose firms are using IAM

Source: Enterprise And SMB Security Survey, North America And Europe, Q3 2009



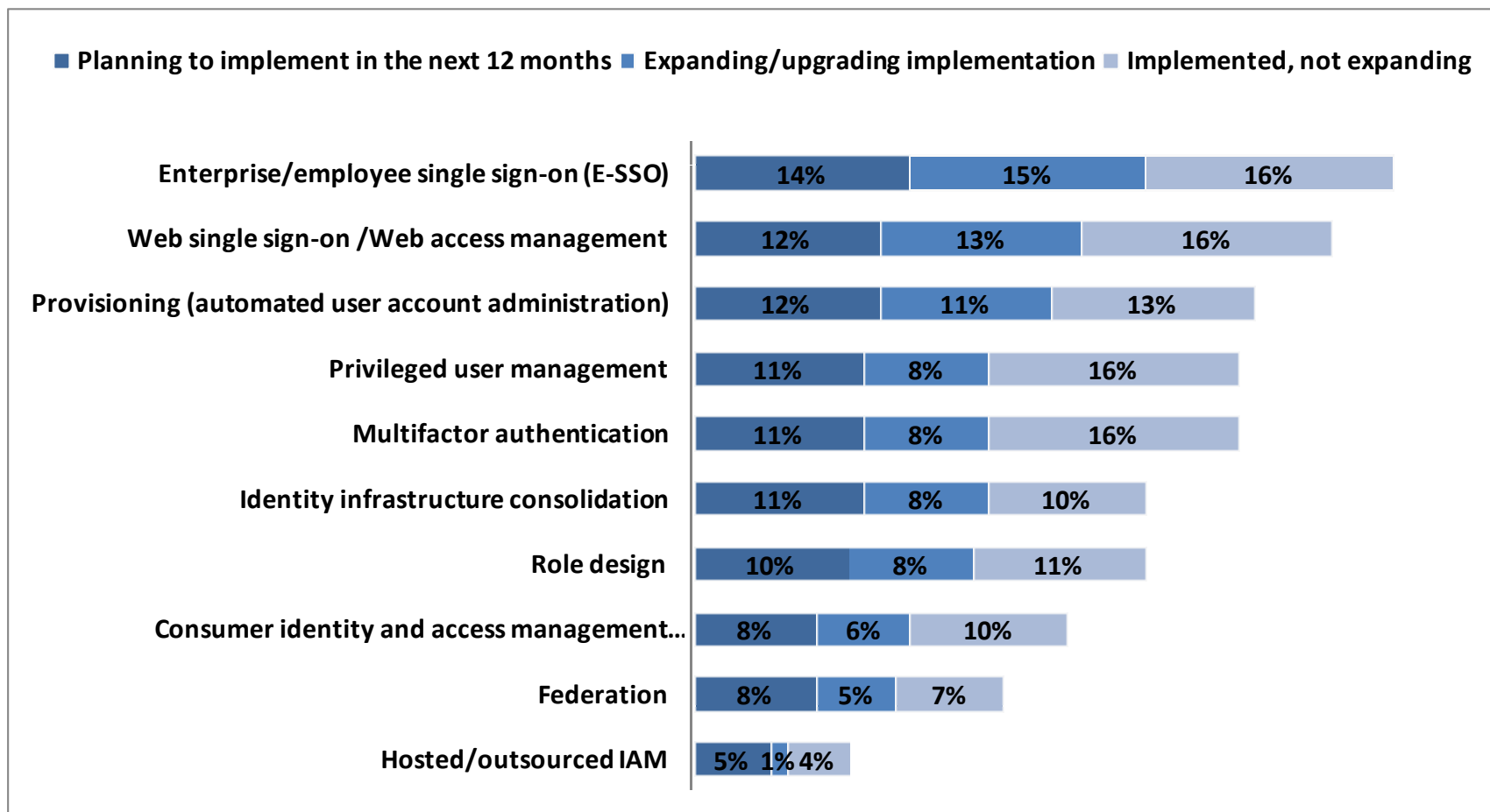
THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by
CSO

Single Sign-On and provisioning top list of IAM initiatives

“What are your firm's plans to adopt the following identity and access management (IAM) technologies?”



Sample Size = 1009 North American and European enterprise IT security decision-makers\

Source: Enterprise And SMB Security Survey, North America And Europe, Q3 2009

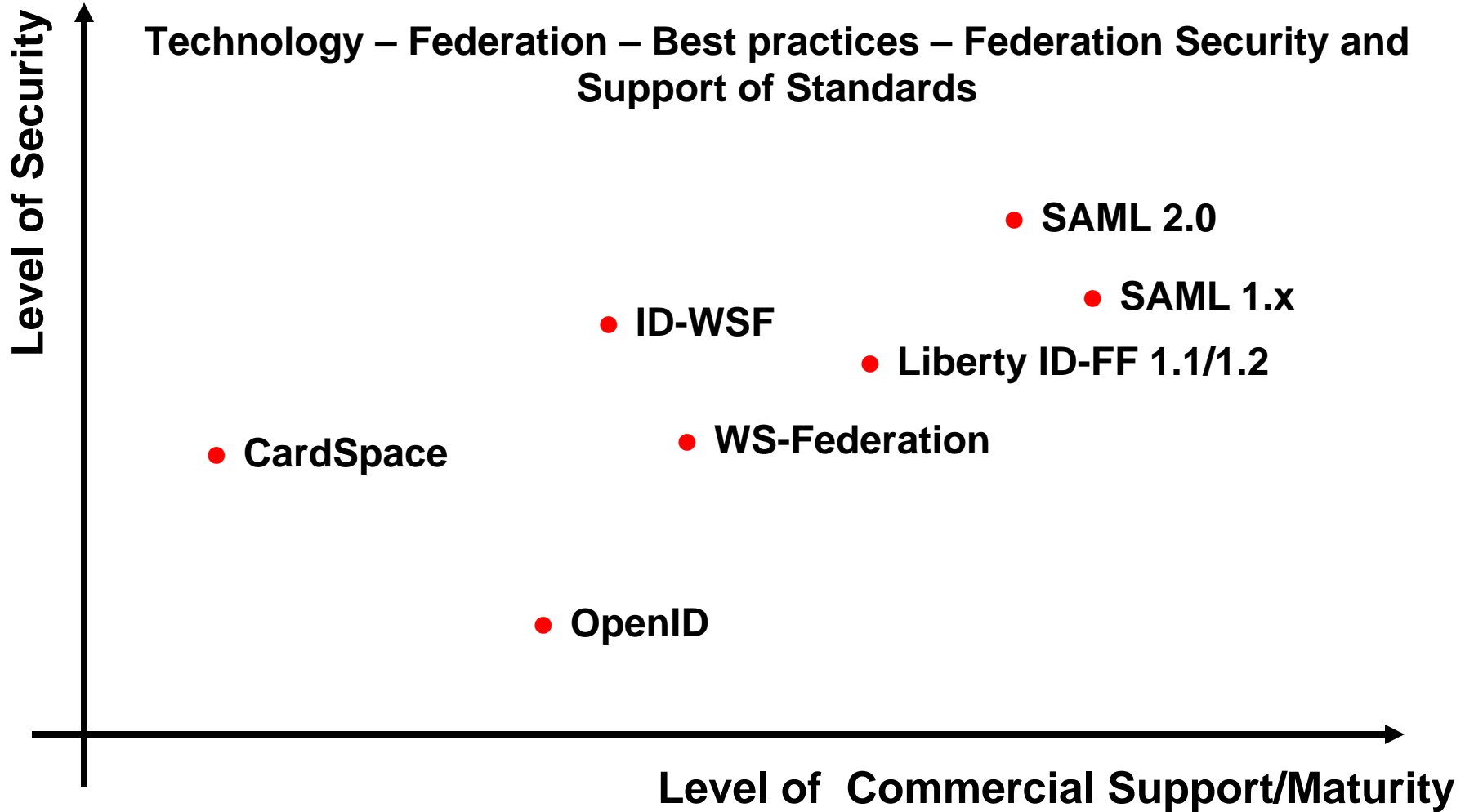


THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO





THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Enterprise major market trends

- ADFS 2.0 is late, little, but is here
- Consolidation of Web SSO and Federation
- Provisioning and de-provisioning is the next key step in federation
- Identity Proofing
- Access Recertification



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Consumer major market trends

- The cost model is not robust
- OpenID is costly and not secure enough
- Functionality of OAuth will be eclipsed by SAML and attribute injection
- CardSpace is device dependent and is limited
- Facebook Connect solves the identity verification problem



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Agenda

Benefits of Federation

Challenges of Federation

Marketplace Trends

Recommendations



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Recommendations

- Coordinate with partners
- Create a template for a legal and technical framework
- Define data ownership and debugging responsibilities
- Pick a protocol: Facebook Connect or SAML
- Define, monitor and report cost/benefits to executive management
- KISS principle



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Blur the lines

Hosting/users	External users	Internal Users
Externally hosted applications	Priority	Priority
Internally hosted applications	Priority	Priority



THE SECURITY STANDARD™

September 13-14, 2010 > Marriott Brooklyn Bridge > New York, NY

Produced by

CSO

Thank you

Andras Cser

+1 617/613-6365

acser@forrester.com