Crescent
Enterprise Solutions

Simplifying SharePoint Security
Is Easier Than You Think

March 17, 2010

Novell and Crescent

- Identity and Security Management
- Enterprise-wide Linux
- Systems Management

- Enterprise Technology Consulting
- Information Management
- Focus on Solving Customer Business Issues
  - Strategic Initiatives
  - Tactical Project Execution

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PartnerNet.
IDENTITY & SECURITY SPECIALIST

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"British parliament shut down e-mail system to prevent damage"

"Compliance Costs Still a Concern"

"Hospital patient data revealed"

"Identity Theft Remains a Concern for Bank Customers Amid Economic Slowdown"

—The Wall Street Journal

"Bank loses personal data on 248,000 customers"

"Malware and Compliance Issues Swamp Firms"

—VNUNet.com

"Audit Committee Rules Non-Com by Energy Firm"

"ID-theft case leads to mail conviction"

"Security Breach at Major University"

"European Regulator Fines Tech Company"

"Cyber Attacks Now in the Big4"

Managing Access to SharePoint

- ## Small / Medium Enterprise

  – Active Directory – SharePoint Identity / Policy Store

  – Administrator manages users and policies in the common store

- ## Large Enterprise / Multiple Communities

  – Active Directory – SharePoint Identity / Policy Store

  – LDAP and legacy policy stores

  – Extranets, customers and partners, Open Source users, multiple BUs

  – International regulations, privacy laws

  – Heavy administrative load managing users, policies

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Managing Access to SharePoint

- SharePoint user management for multiple communities
  - Options:
    - Manual registration / management
    - User name/password databases
  - Issues
    - Management overhead
    - Security holes, orphaned accounts, shared passwords
    - Difficult to audit, limited accountability
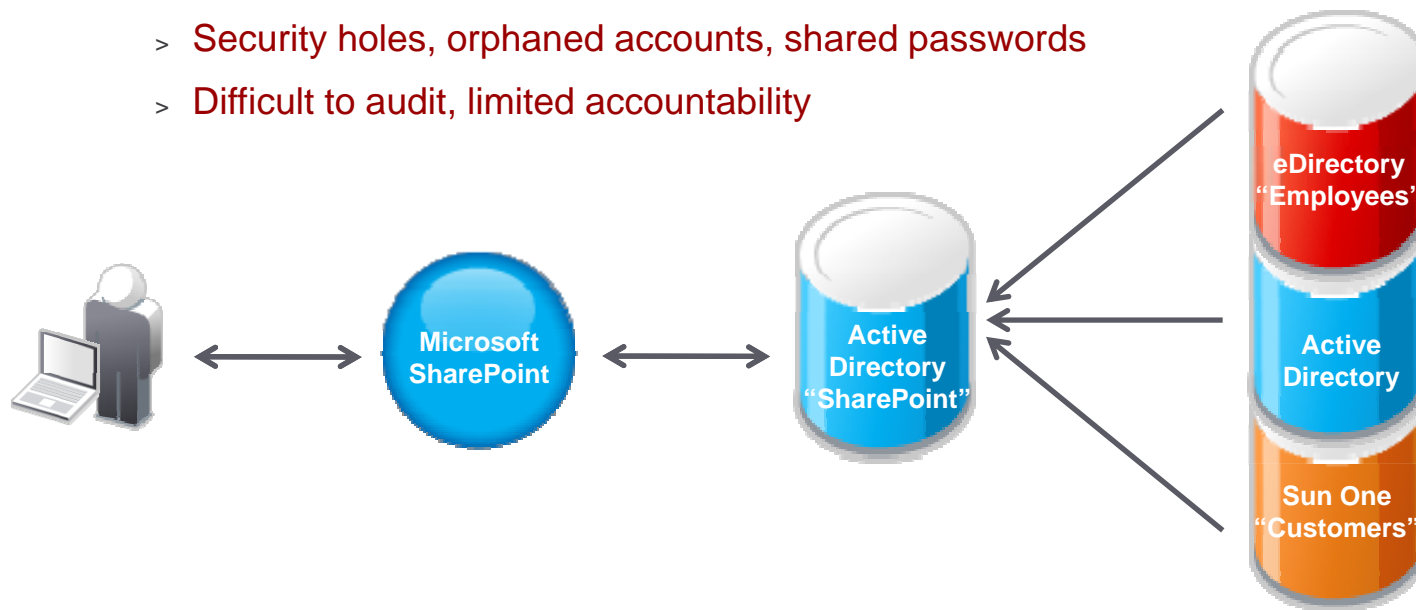
Bob,

Happy New Year! I hope things are going well for you. It's crazy here.

Hey, you should know we had to let Mark go right before Christmas. Turns out he was cheating on his expense reports and may have been stealing office equipment.

I think he knew the password to the extranet, so you should probably check things out and make sure he's not still able to get in.

I know I should have told you sooner, but I've been really busy getting ready for a security audit.
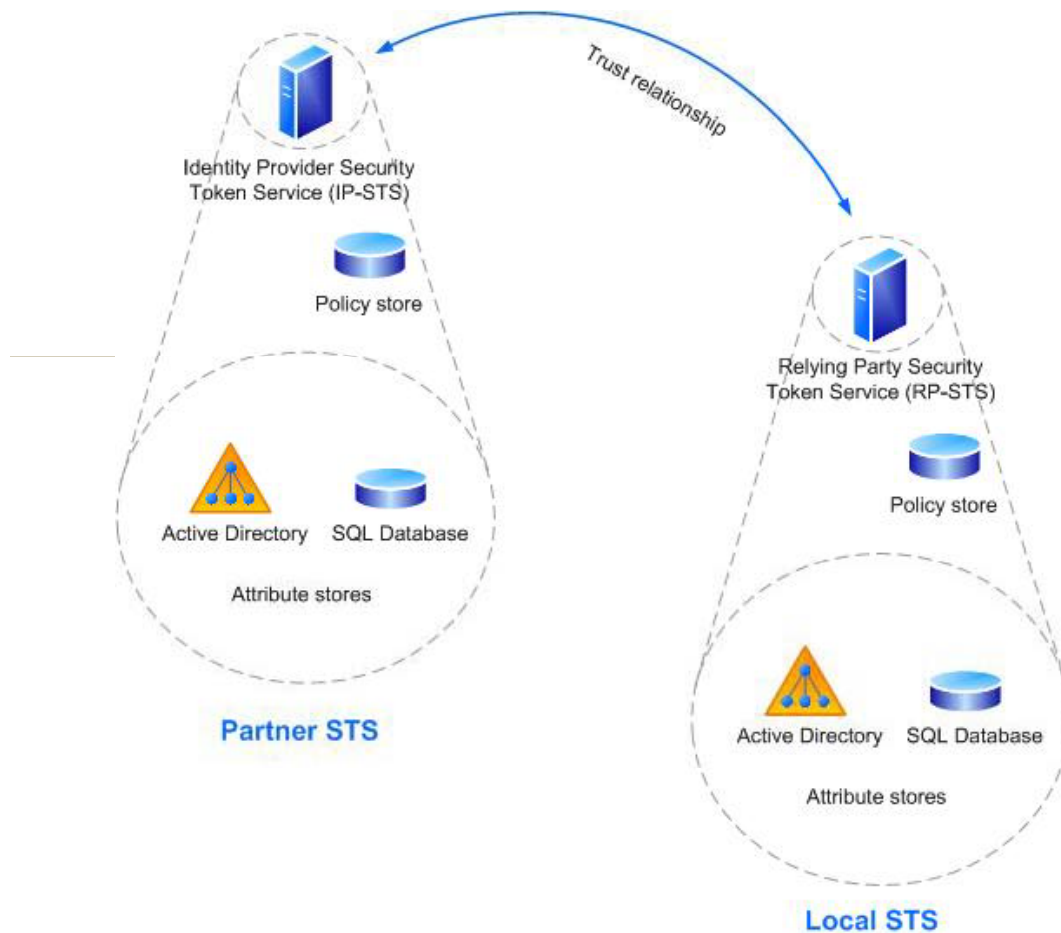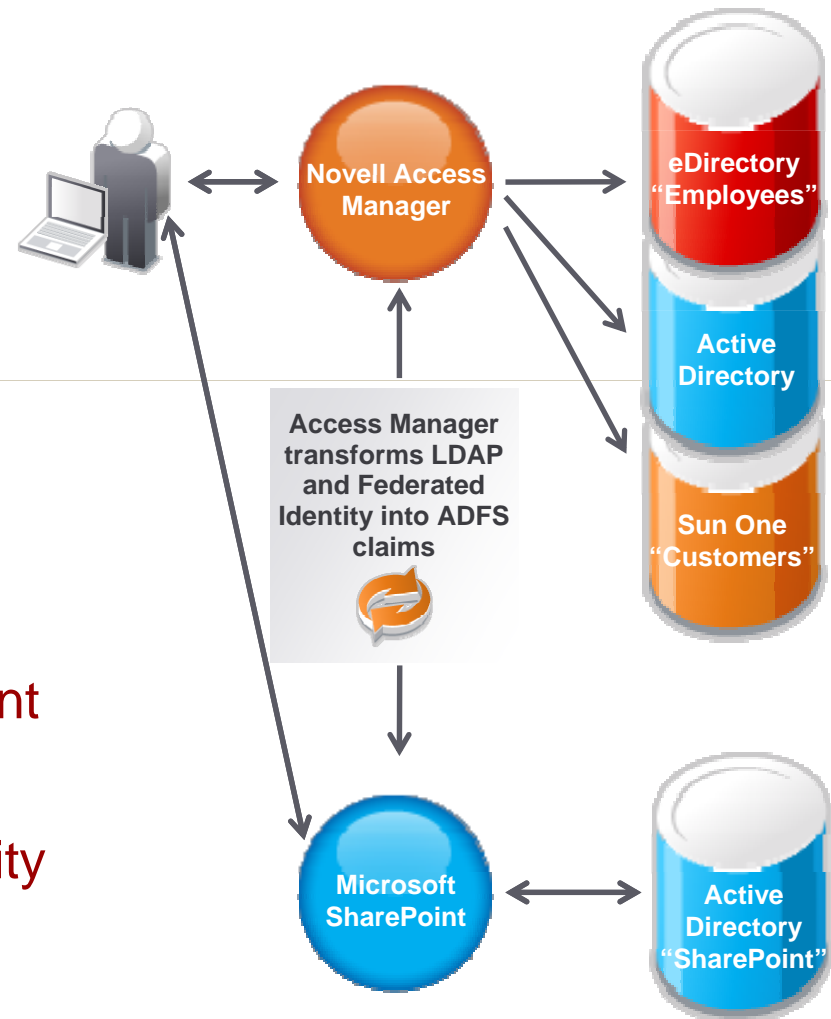
Beth

Federated Identity

- Claims-based authentication

- WS-Federation

- Security Token Service

- Similar to AD Trust relationships

- Heterogeneous environments

- More control over 3rd party access

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SharePoint and Novell® Access Manager™

- **Easy access to SharePoint**
  - Users authenticate to Access Manager
  - Users access SharePoint

- **Single Sign-on**
  - Improved user experience

- **Simplified administration**
  - Map claims to existing SharePoint or Active Directory groups
  - Single place to administer security
  - No dead or orphan accounts

Novell Access Manager

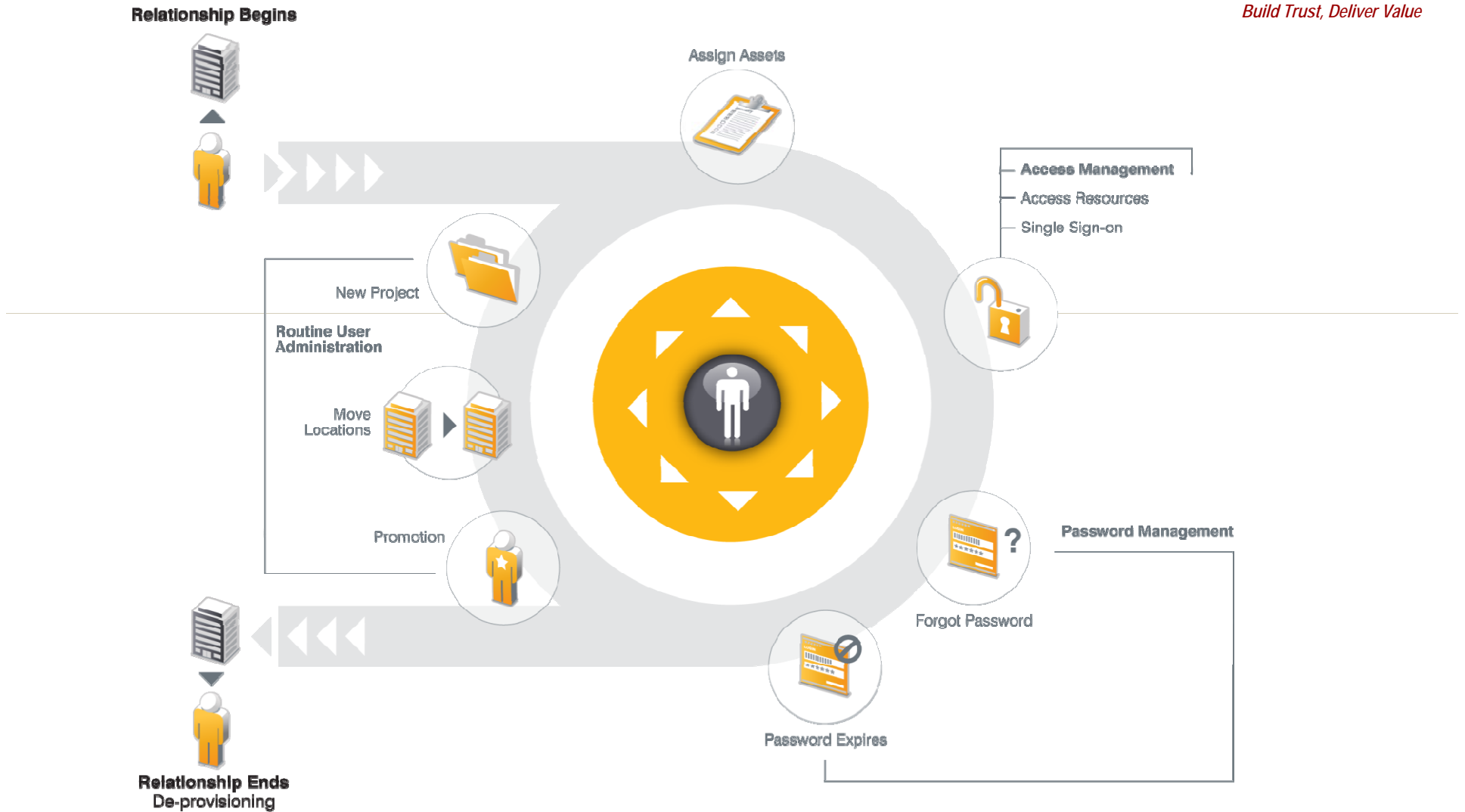**eDirectory "Employees"**

Active Directory

Access Manager transforms LDAP and Federated Identity into ADFS claims

Sun One "Customers"

Microsoft SharePoint

Active Directory "SharePoint"

Novell.

Crescent Enterprise Solutions

Novell® Access Manager™ 3.1

- Single solutions protects Web and Enterprise applications
  - SAML, WS-Federation, Liberty Alliance
- No modification to web servers/infrastructure
- Provides all access management capabilities
  - Authentication, Authorization, web single sign-on, personalization
- SSL VPN out of the box
  - Multi-platform support
  - Client integrity checking
  - "Shredded after use" folders

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Identity and Access Management

Relationship Begins

Assign Assets

Access Management
Access Resources
Single Sign-on

New Project

Routine User Administration

Move Locations

Promotion

Password Management

Forgot Password

Password Expires

Relationship Ends
De-provisioning

Identity and Access Management

Relationship Begins

Identity Management

Assign Assets

Roles Management

Access Management
Access Resources
Single Sign-on

New Project

Routine User Administration

Move Locations

Simplified Secure Access

Promotion

Password Management

Forgot Password

Password Management

Password Expires

Relationship Ends
De-provisioning

Access Certification

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Novell Access Manager 3.1

Demonstration

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Novell Access Manager and Microsoft SharePoint Federation Integration
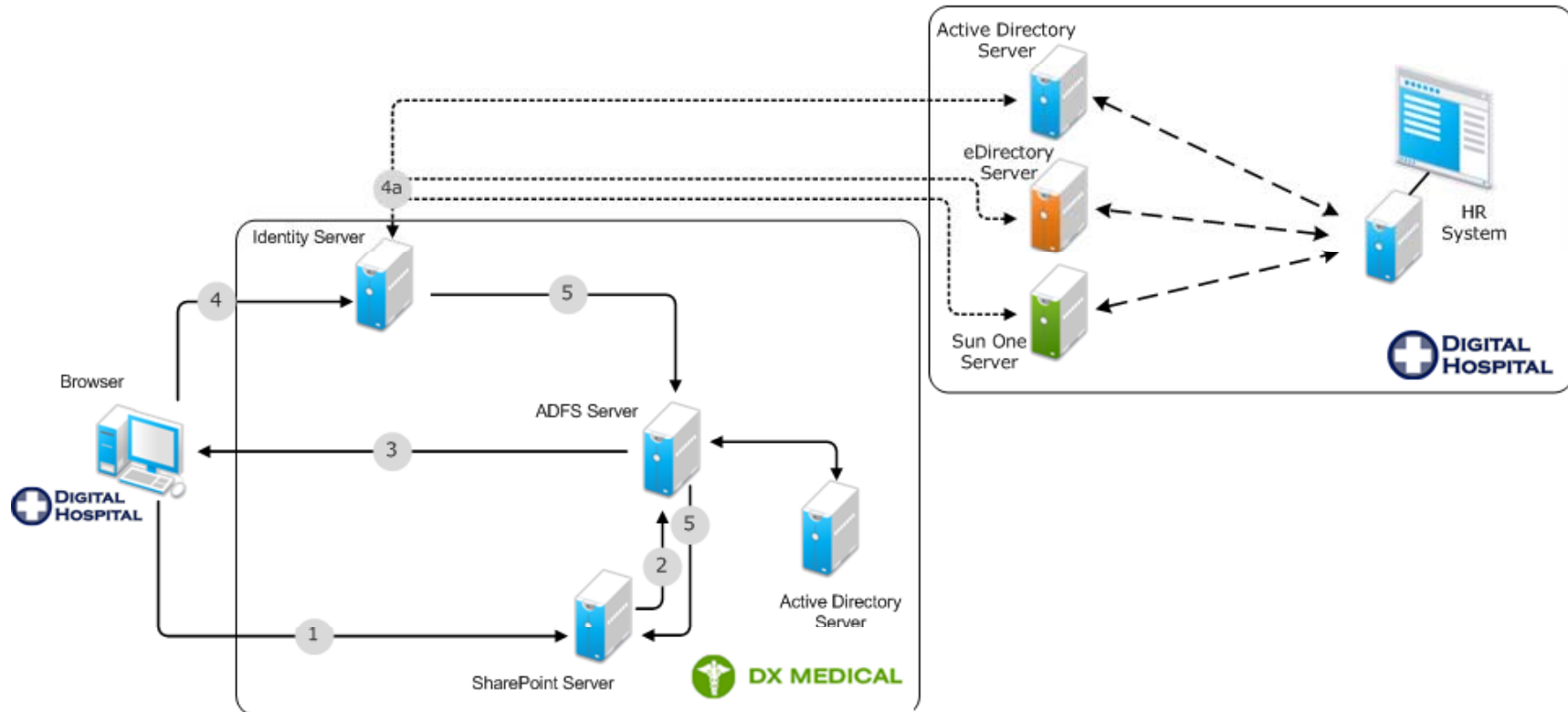
In this scenario, the following exchanges occur:

1. The user requests access to a SharePoint server protected by the ADFS server.

2. The resource sends an authentication request to the ADFS server.

3. The ADFS server, which has been configured to use the Identity Server as an identity provider, gives the user the option of logging in to the Identity Server.

4. The user logs in to the Identity Server and is provided a token that is sent to the ADFS server and satisfies the request of the resource.

     a. The user can utilize credentials from any configured authentication store.

5. The user is allowed to access the resource.

- Secure Extranets and Portals
- Microsoft/Novell engineered for SharePoint
- User management tools
- Web single sign-on
- Policy-based governance
- No orphan accounts

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