

Identity Management on Linux With Novell Nsure

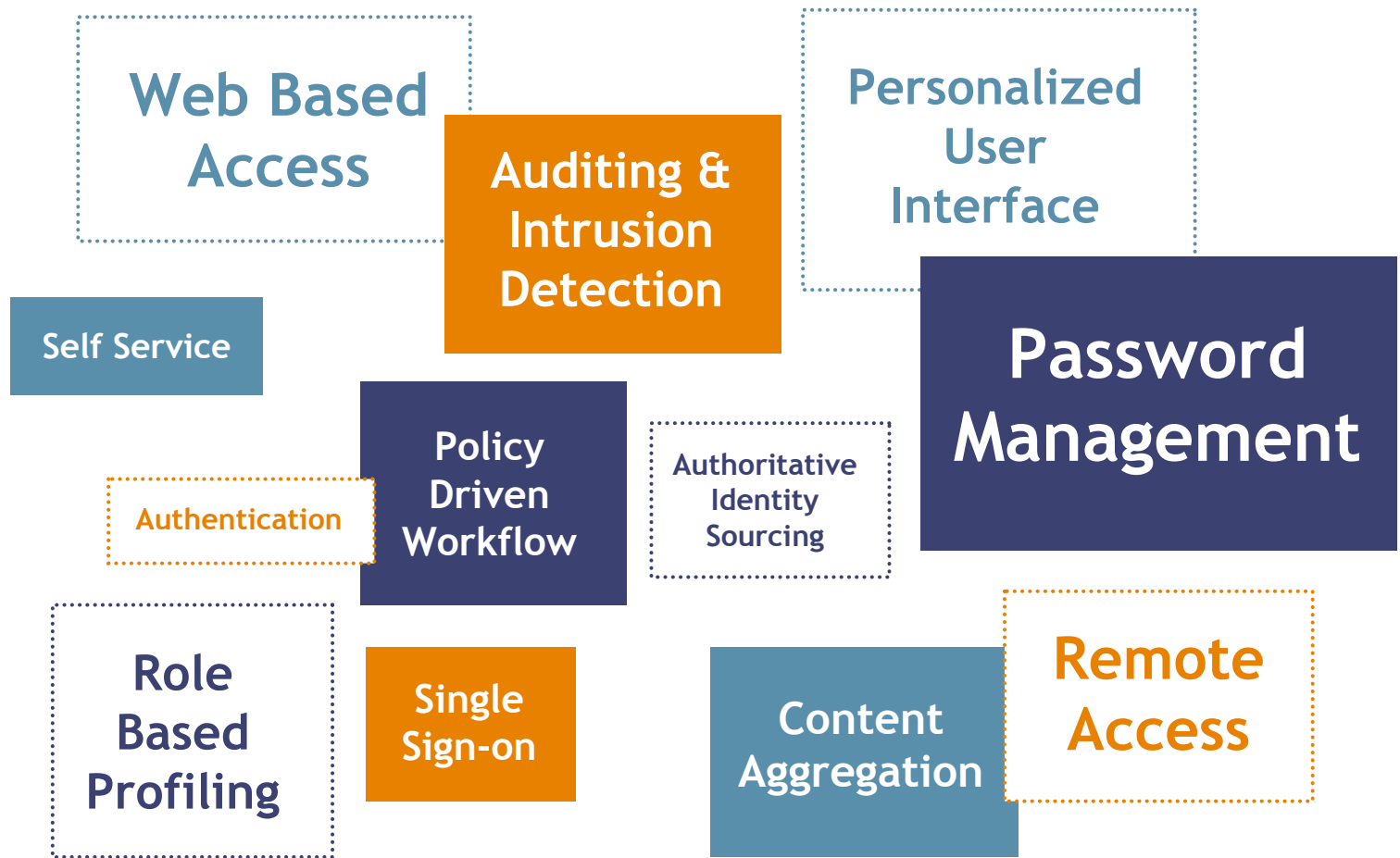
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Board Member, Liberty Alliance
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Novell.

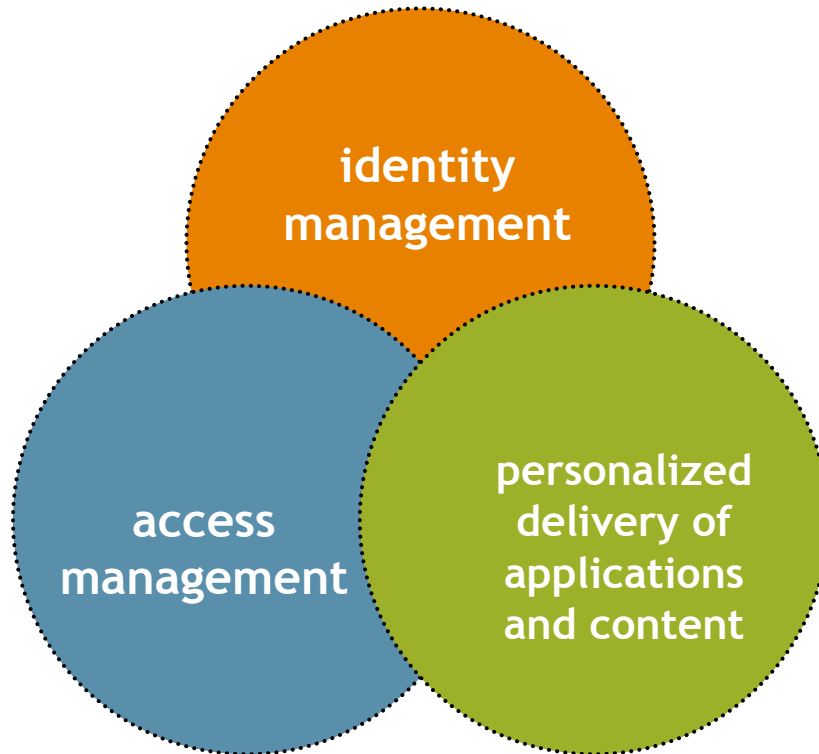


Secure identity management touches many diverse capabilities



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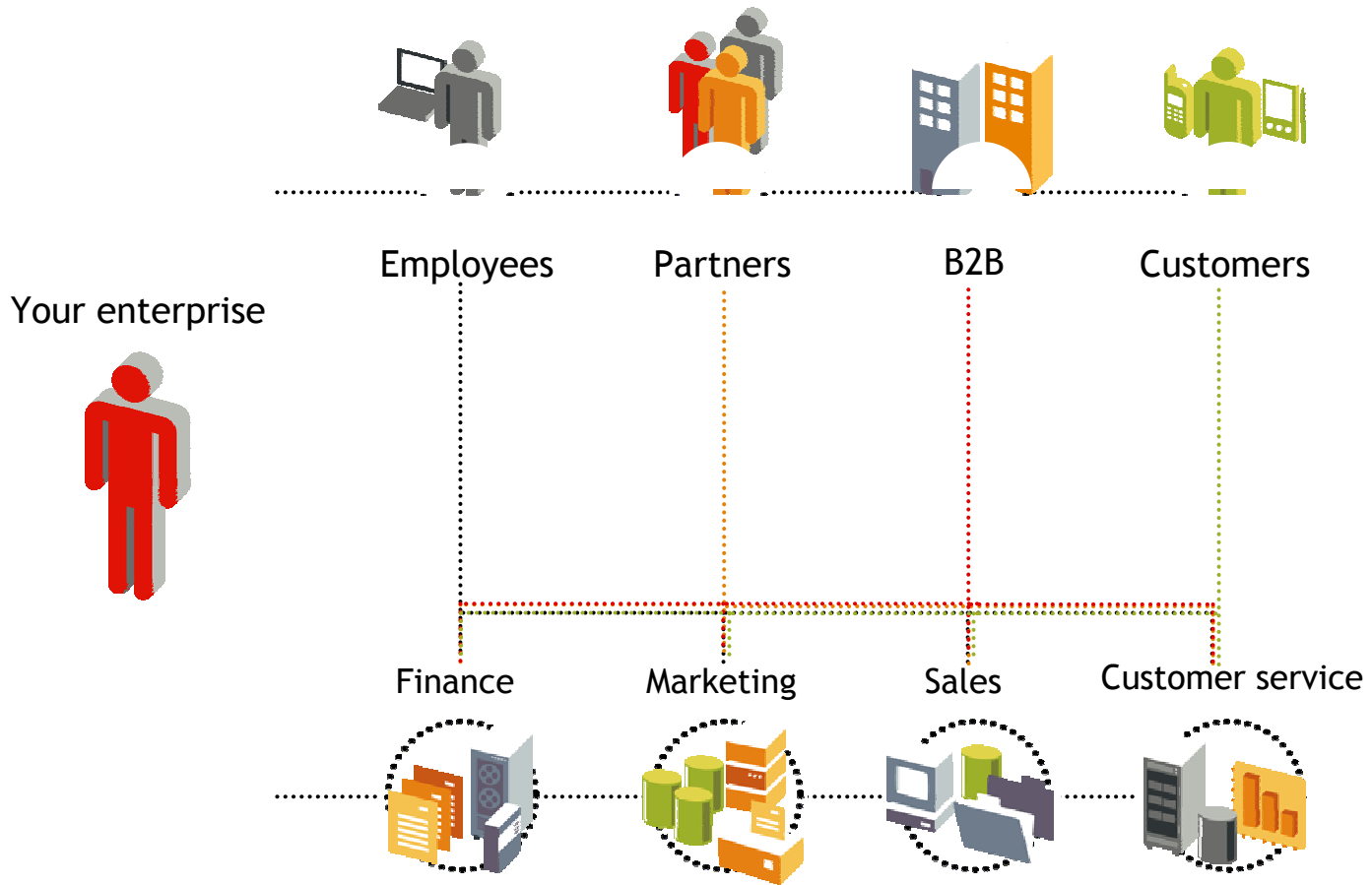
It helps to divide secure identity management into three main topics



- 1 Know who you're dealing with
- 2 Provide access to resources based on authenticated identity
- 3 Deliver services based on a person's role or preferences

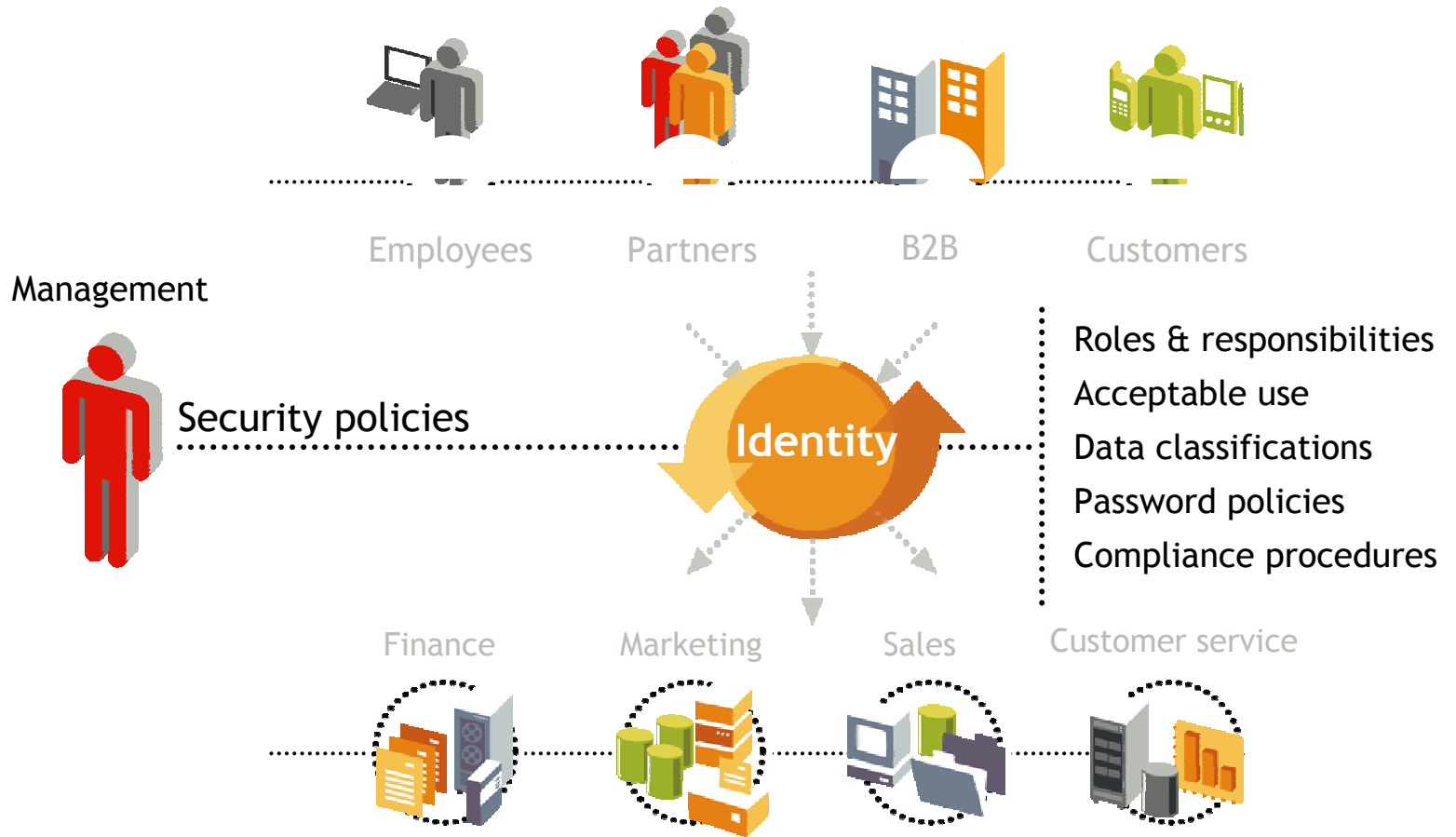


A business context for exploring secure identity management



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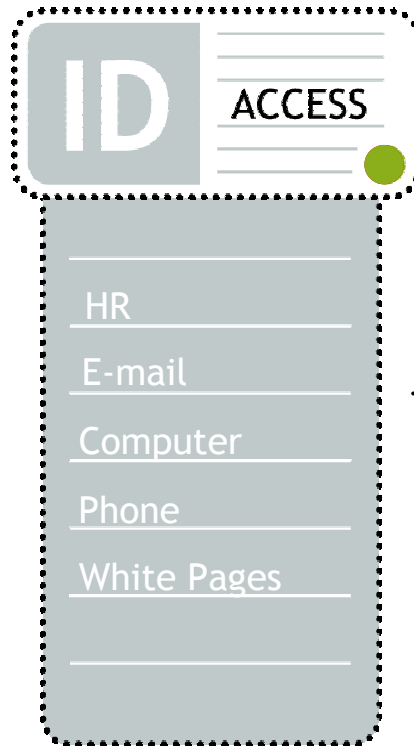
Secure identity management begins with security policies



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Policies establish

who will receive access to which resources

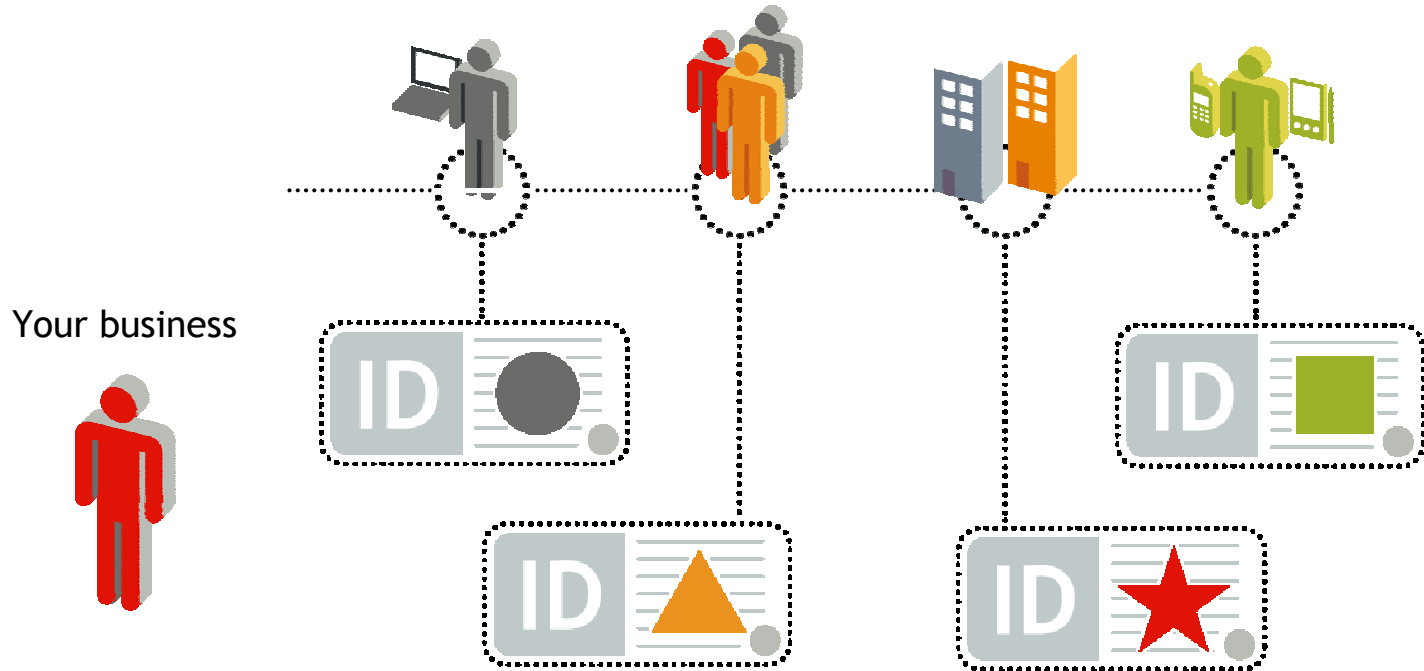


New employees receive access and resources quickly & automatically, based on roles & responsibilities



Access policies based on roles

simplify administration

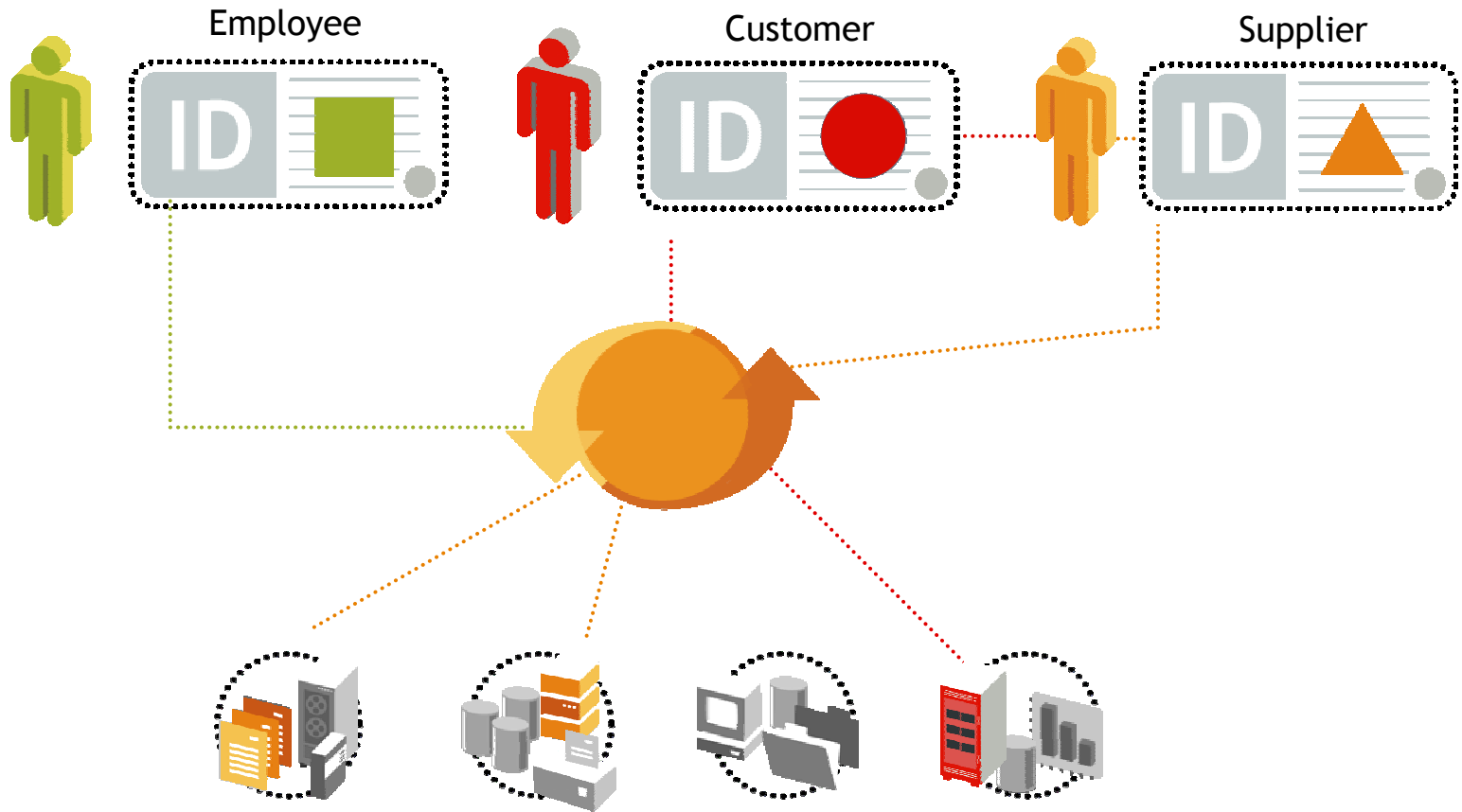


Who are you?
What is your role?
What do you need access to?



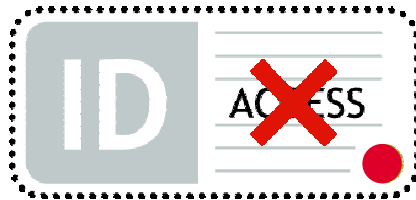
Trusted credentials

allow secure access to authorized resources



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Policies also determine when access privileges should be revoked



New employees receive access and resources quickly & automatically, based on roles & responsibilities

Terminated employees have access revoked completely & immediately across all systems

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Secure Identity Management

1. What it is
2. Why people care about it
3. How to move forward

Analysts say we should all care about Secure Identity Management

“While we still expect a return to 3A growth from increased activity in the security management area, we believe that identity management and Web services security, with their broad consumption of 3A technologies, will revitalize the market. However, these new initiatives will demand integration among previously separate products. Therefore, this transition will create even greater turmoil in the 3A market for at least the next 12-24 months.”

Anthony C. Picardi, IDC (December 2002)

“Identity has become a strategic business issue... Integrated identity and access management infrastructure is “in”... Enterprises must create an Identity Management architecture and strategy.”

Jamie Lewis, Burton Group (October 30, 2002)

“Though IT budgets remain tight, organizations are continuing to invest in identity management because it addresses critical business issues and delivers a quantifiable return on investment (ROI).”

Jonathan Penn, Giga Information Group (October 22, 2002)

“No CIO checklist for 2003 can be complete without an item on security. Concerns, both real and imaginary, will continue to test the resolve and the budgets of IS organizations. Demand and expectation for business transparency by customers, partners and regulators continue to increase. This virtualization creates a strategic business challenge to provide access simply, safely and economically to everyone who needs it and simultaneously prevent unauthorized or destructive access. During 2003, CIOs should review and update the complex issues of identity and access management (IAM) policies and methods.

J. Mahoney, Gartner, Inc. (December 24, 2002)

“Convergence and security concerns will drive enterprise directory services adoption (2002+), reinforcing the need for identity management (2002-04). NOS upgrades, strong authentication, and higher demands for identity management will drive increasingly complex integration of multi-vendor/platform directory instances (2003+), resulting in more use of EAI-like integration “toolkits.”

Earl Perkins, Meta Group (November 4, 2002)

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TransUnion Credit reporting and financial services company

- Heavily regulated environment
- Security a top concern
- Millions of credit reports processed daily
- Growth from 38,000-150,000 eCommerce users

“We live and die by long lists of FTC regulations... Our entire business is based on the ability to provide the right people with secure access to enormous volumes of highly sensitive, regulated information. Secure identity management is a huge deal for us.”





Mount Sinai NYU Health System

- Affiliations with more than 17 hospitals, nine long-term care facilities, and four community physician practices
- Dispersed community of 10,000 users
- Decrease time to access critical data

“Novell has increased our availability by 30 fold... Our internet-enabled capability allows us to provide secure, remote access to our users, empowering them to maximize productivity, provide better patient care, and ultimately save lives.”





Centennial College

Ontario's oldest community college

- 4 campuses and 8 satellite locations
- 3,000 faculty and staff
- 12,000 full-time students
- 30,000 part-time students
- 80,000 alumni

“Unless we implemented a provisioning solution that made authentication and network administration fast, reliable, simple and secure, the sheer volume of accounts would be unmanageable.”





Allianz Suisse

World's 5th largest insurance company

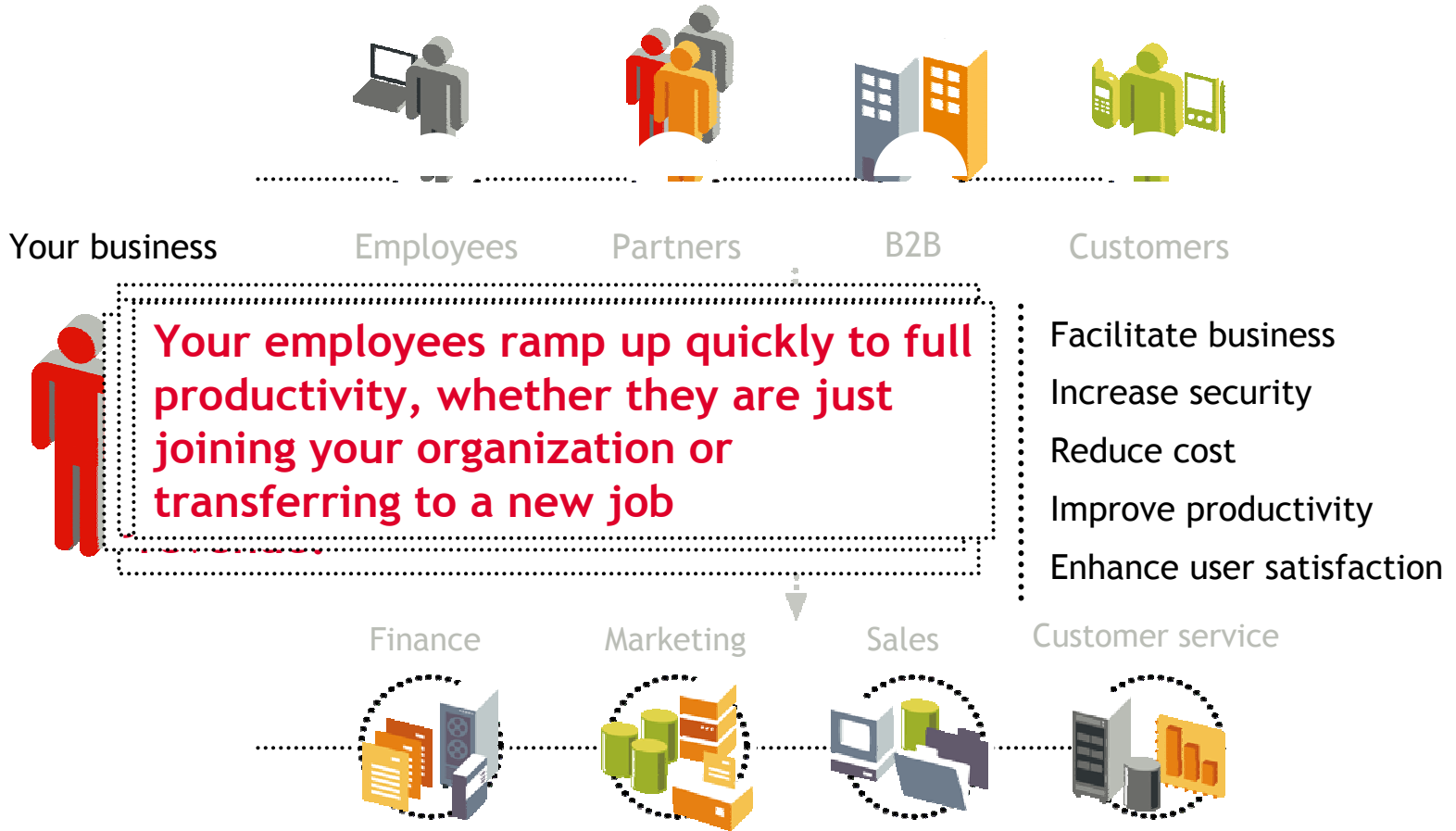
- Merger of 3 large insurers
- 250 offices
- 4500 employees, many remote
- Decided to offer new financial services provided by a partner

“We had to set up a secure external network to allow this cooperation to work efficiently, and we had only four months to do it.”





Identity management benefits



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Secure Identity Management

1. **What it is**
2. **Why people care about it**
3. **How to move forward**



Secure Identity Management

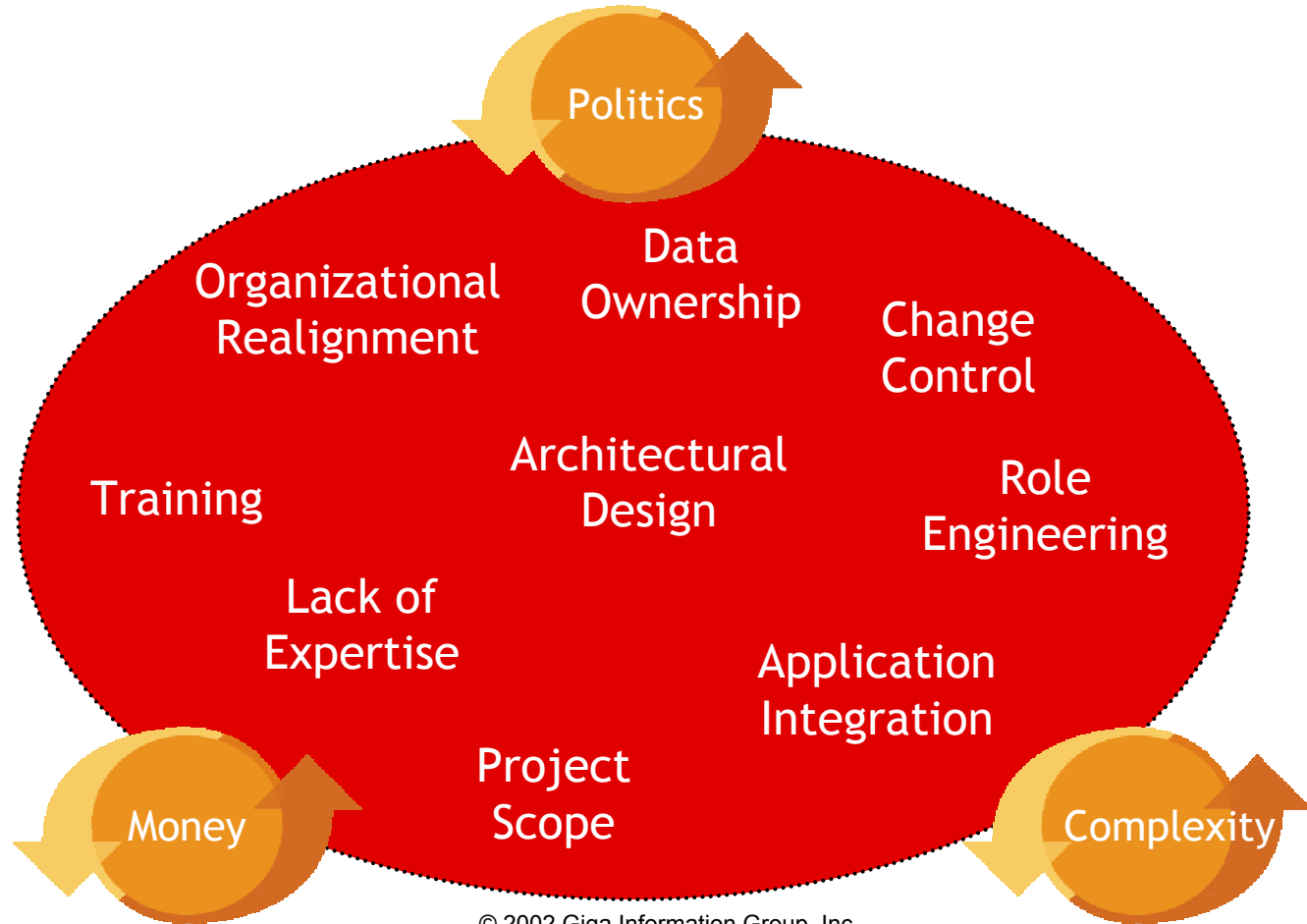
solves an important business problem...

It provides the means to:

- Cost-effectively deliver real-time, role-based resources
- To a distributed workforce, partners, and customers
- From any location, wired or wireless
- While keeping systems safe

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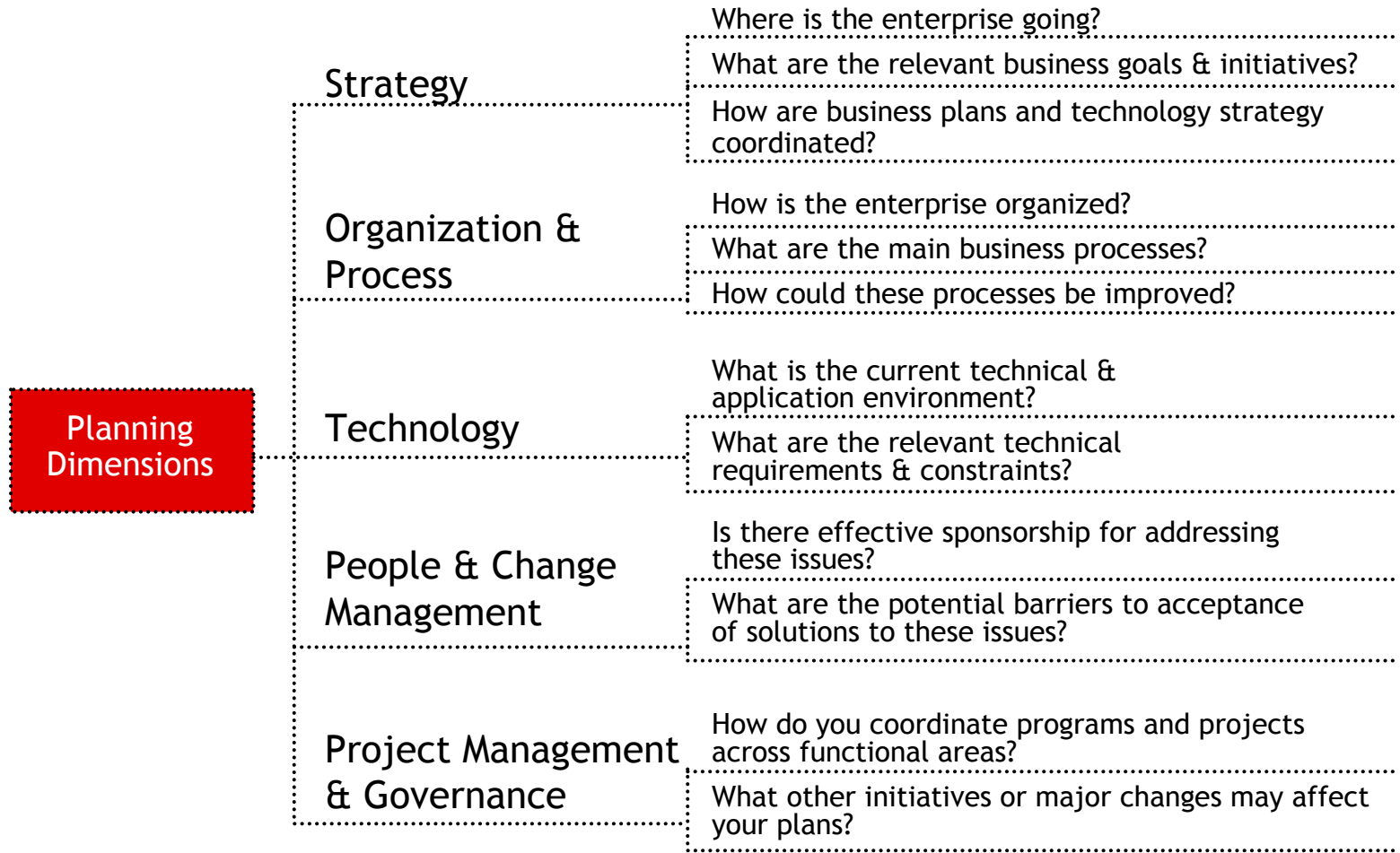
Common challenges to successful Secure Identity Management



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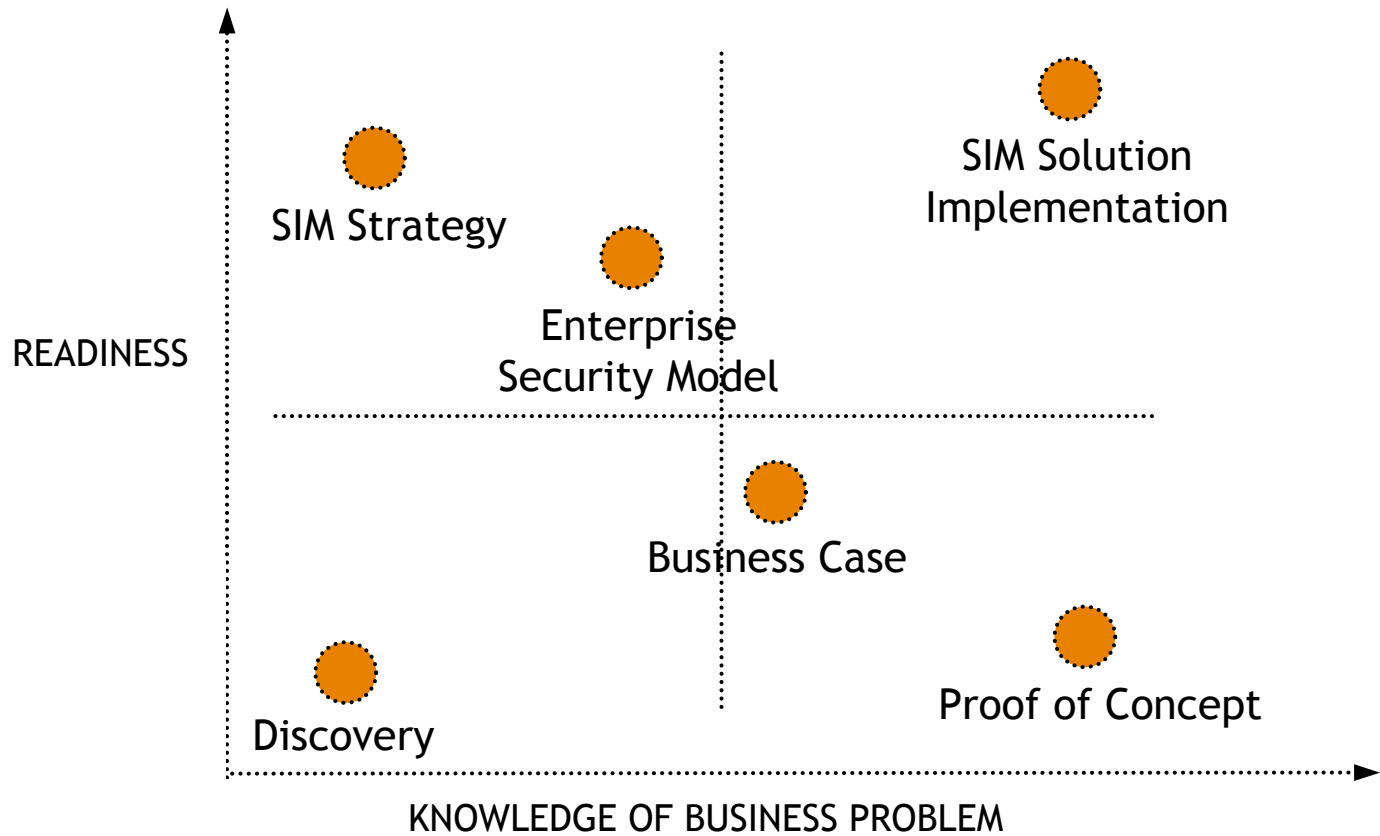


Your plans should address all these dimensions

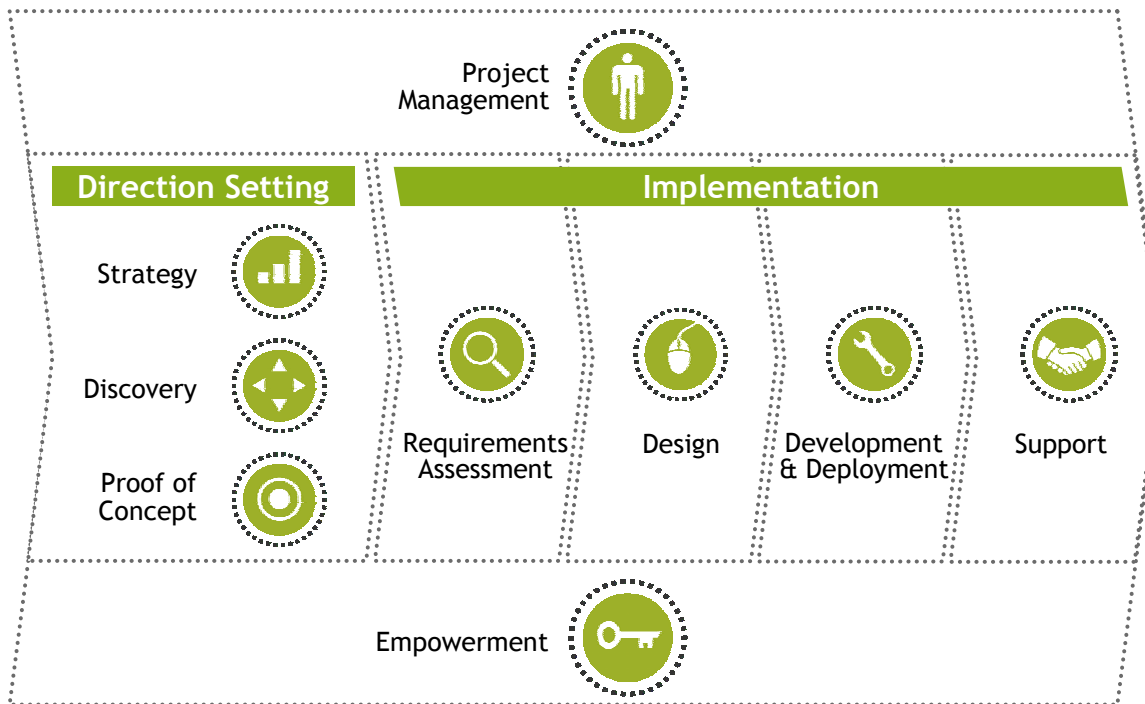




The planning process takes many forms



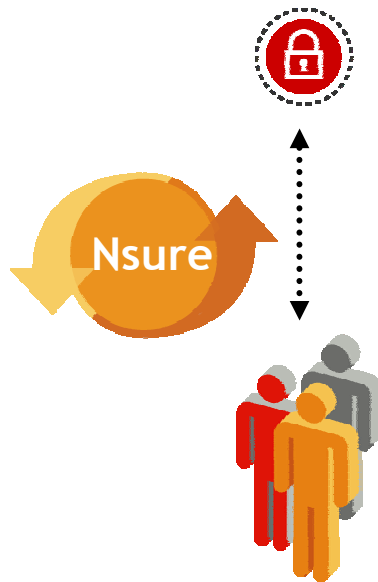
The solution delivery process



- Business focus
- Rapid results
- Phased approach
- Consensus driven
- Flexibility
- Open systems and standards-based
- Leverage existing investments
- Skills transfer
- High value partnering

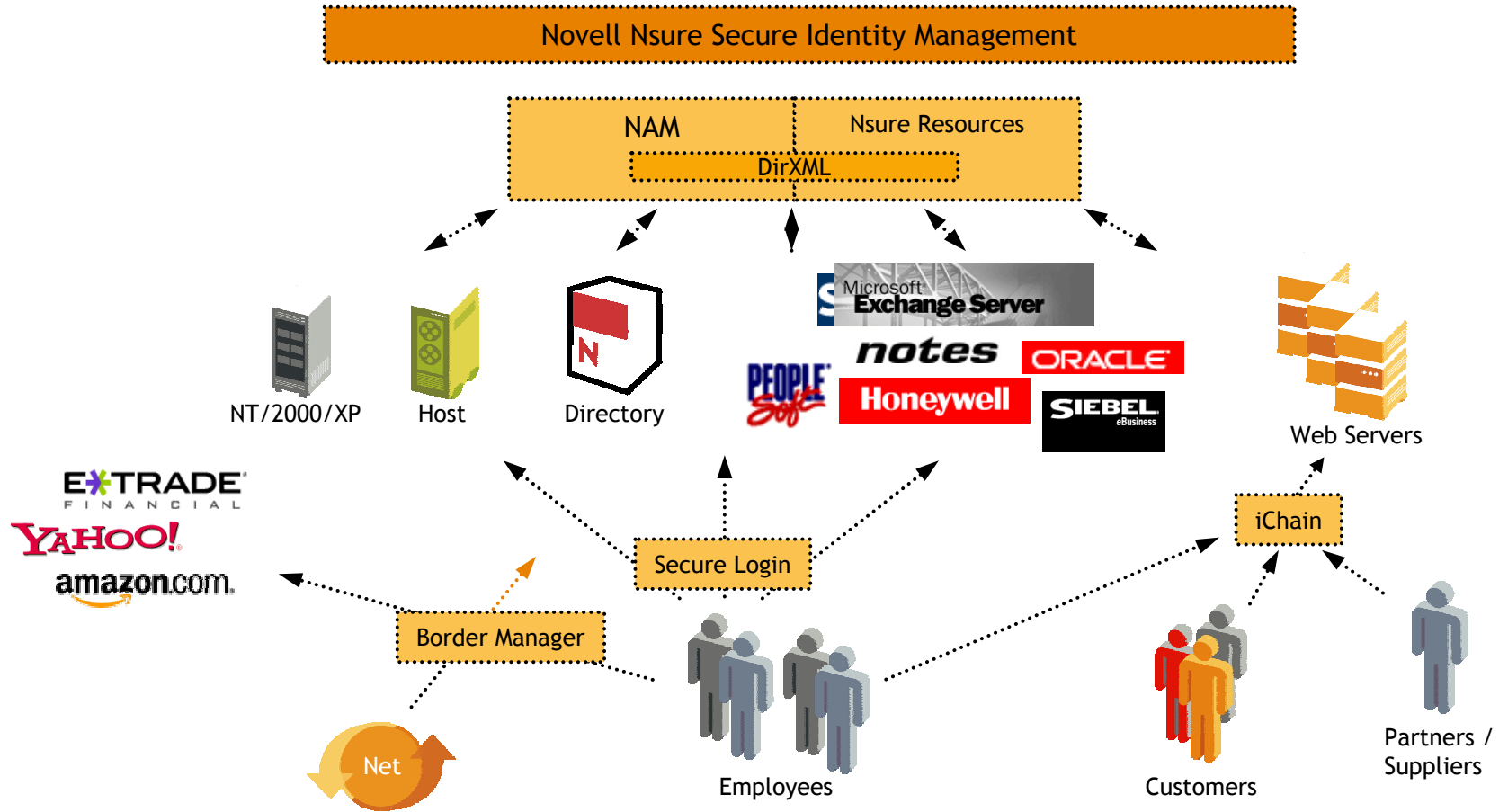
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Novell answer to the challenges of secure identity management



- Nsure - The right resources to the right people. Anytime. Anywhere.
- Novell Nsure secure identity management solutions enable you to securely extend resources to the people who power your business, leveraging your current systems
 - across multiple platforms
 - based on your unique business processes
 - using industry standards
- Combination of our directory, meta-directory, provisioning, access management, and Professional Services capabilities

The Novell products that power Nsure solutions



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What's Linux have to do with it?

Run's On Linux

Do the components you need
run on Linux?

Identity Vault (eDirectory)

Meta & Provisioning Service
(DirXML)

Management Service (iManager)

Password Service (DirXML)

Portal Service (exteNd Director)

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What's Linux have to do with it?

Do the components you need run on Linux?

Does it help to manage the identities on Linux?

Manages Linux Identities

- NIS
- NIS+
- /etc password
- Integrate via PAM for LDAP authentication



Your mission

Tap into productivity locked within your organization's existing IT infrastructure by extending resources securely, across platforms, and through a variety of devices, to the people who power your business.



For more information...

Visit www.novell.com/Nsure to find out more about these technologies:

- Novell DirXML
- Novell Nsure Resources
- Novell iChain
- Novell SecureLogin
- Novell Account Management
- Novell BorderManager
- Novell Auditing Technologies
- Liberty identity provider for Novell eDirectory
- Novell Nsure program table

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