



# Identity Federation December, 2006

David Goldsmith

Hot Topics Series

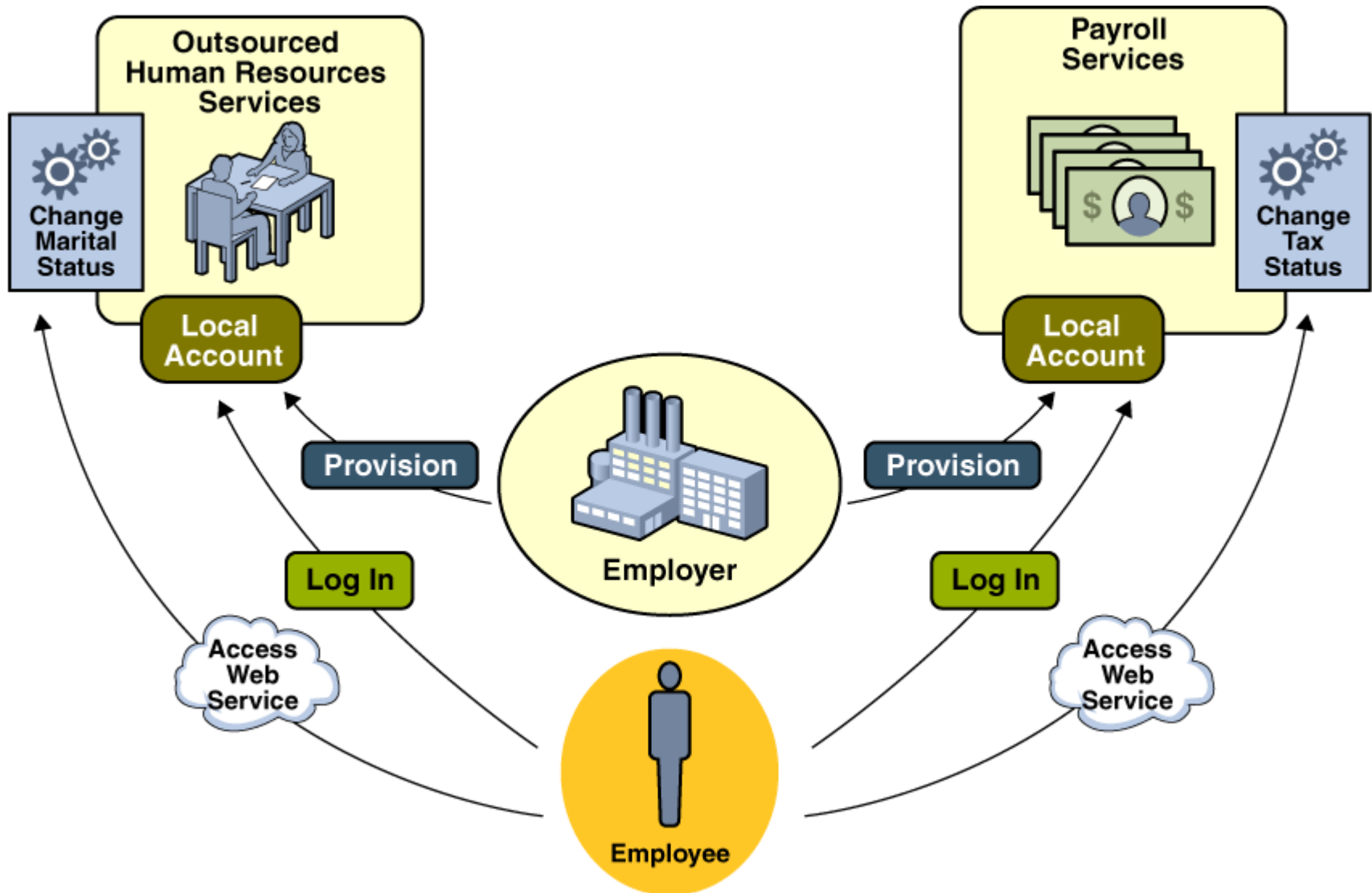
# Topic Overview

- Identify business issues related to the exponential explosion of identities
- Describe Sun's solutions to the problems, and the technologies the products implement to solve the problems
- Use some buzzwords intelligently

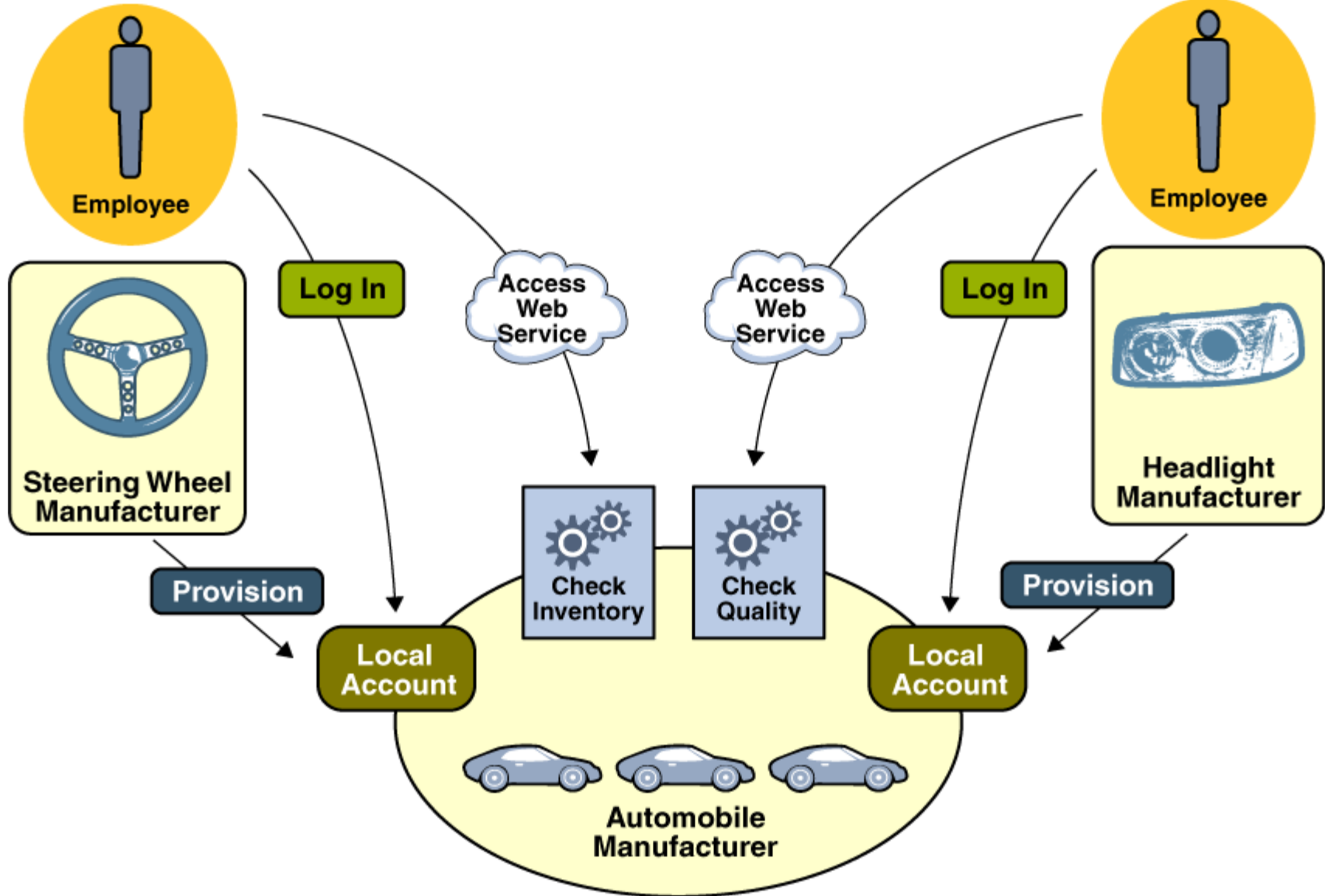
# What Is an Identity, Anyway?

“A digital representation of a set of claims made by one digital subject about itself or another digital subject. A digital identity is just one set of claims about a digital subject. For any given digital subject there will typically exist many digital identities.” (IdentityGang.org)

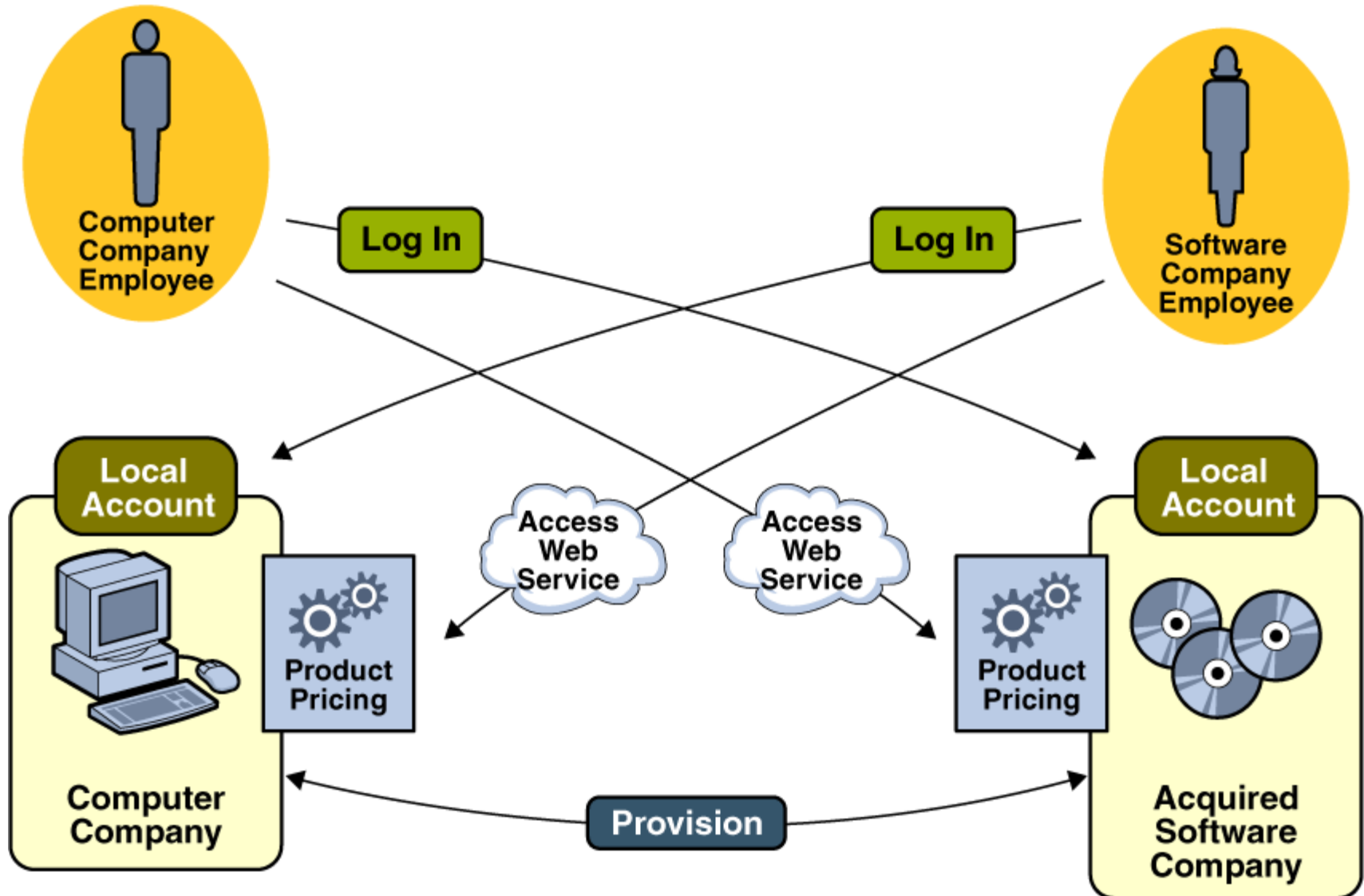
# Business Issue: Service Outsourcing



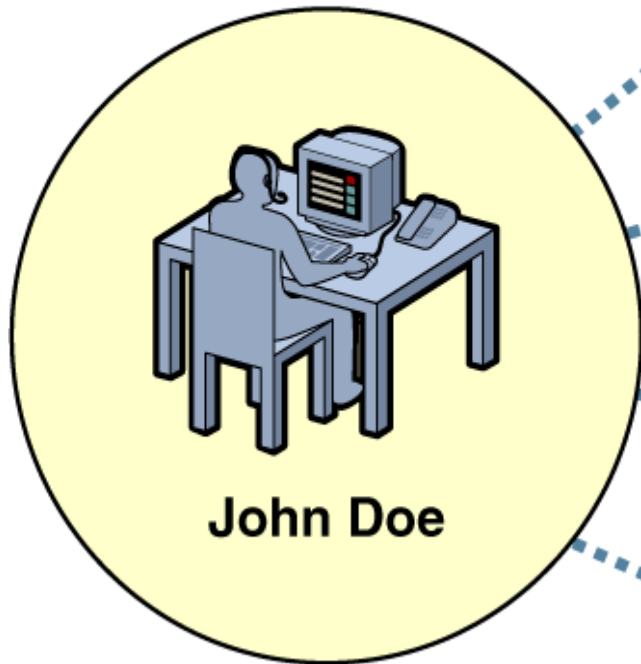
# Business Issue: Supplier Network



# Business Issue: Acquisition or Merger



# The Multiplicity of Identities



## Identity at Example Corporate Travel

- > User ID: jdoedenver
- > Password: fly0nthewa11
- > Preferred Airline: Example Air
- > Frequent Flyer Number: 22333

## Identity on Corporate Network

- > User ID: jd156877
- > Password: dontr1fm3
- > E-mail: John.Doe@example.com
- > Salary Grade: C20

## Identity at Example Books Online

- > User ID: jdoe
- > Password: 1mr3allyAguy
- > Name: Jennifer Doe
- > Purchases Per Month: 5

## Identity at Example Online Casino

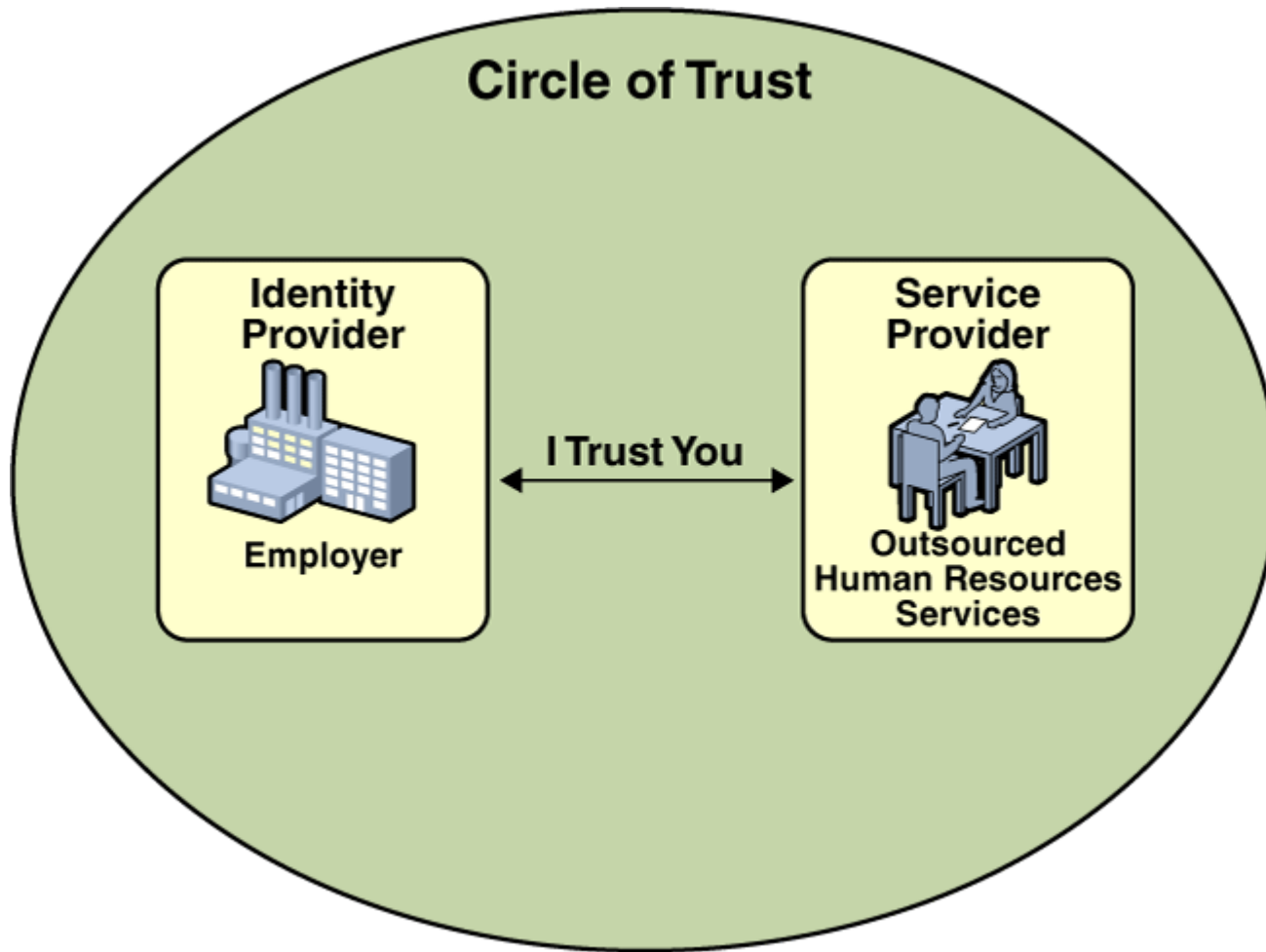
- > User ID: John.Doe@example.com
- > Password: mak3MeR1ch
- > Account Balance: \$13.75
- > Yearly Loss: \$37,221.78

# Sun Java™ System Access Manager

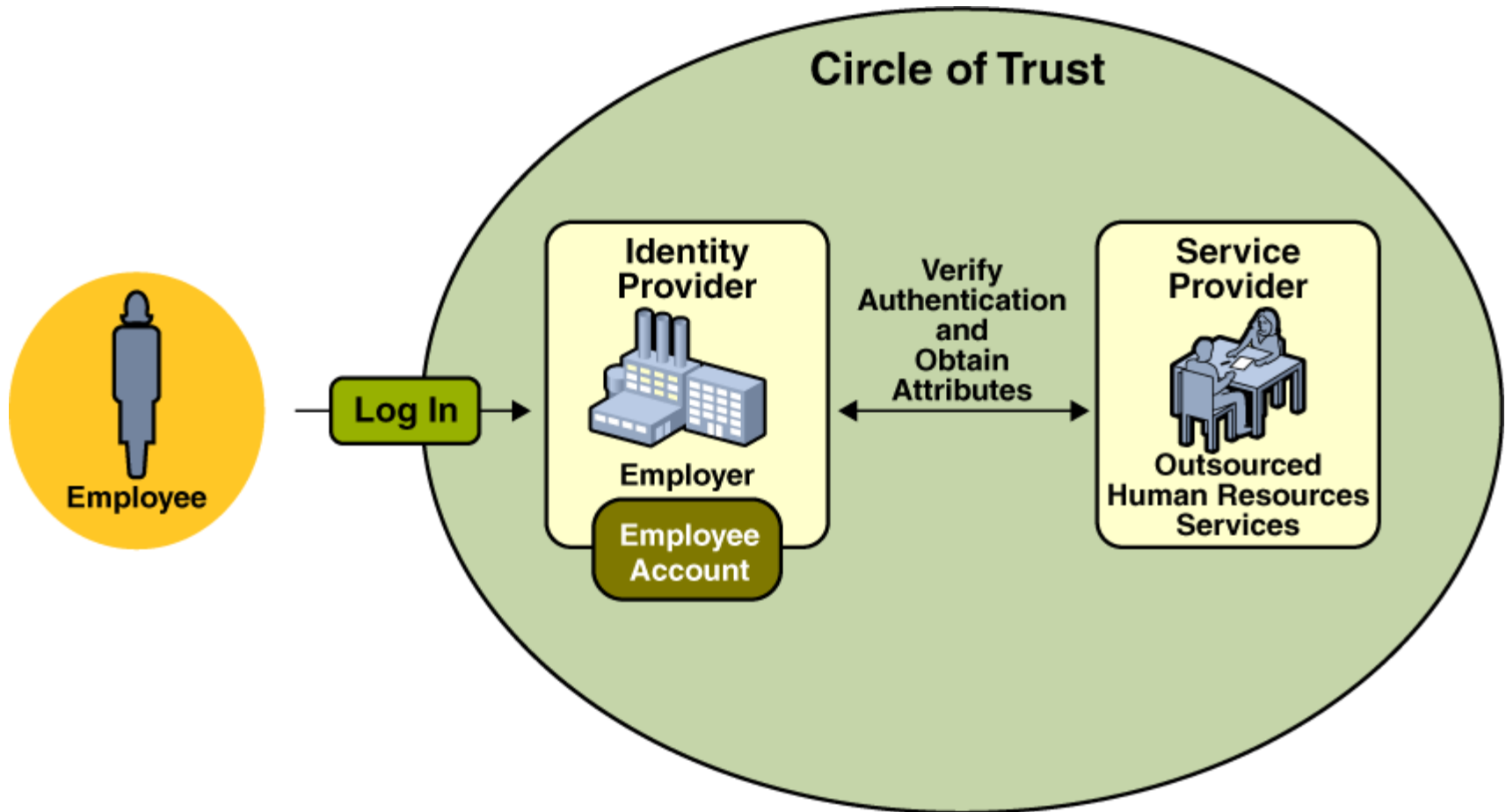
## Sun Java System Federation Manager

- Enable trusted relationships across domains
- Enable Internet single sign-on
- Link accounts across domains

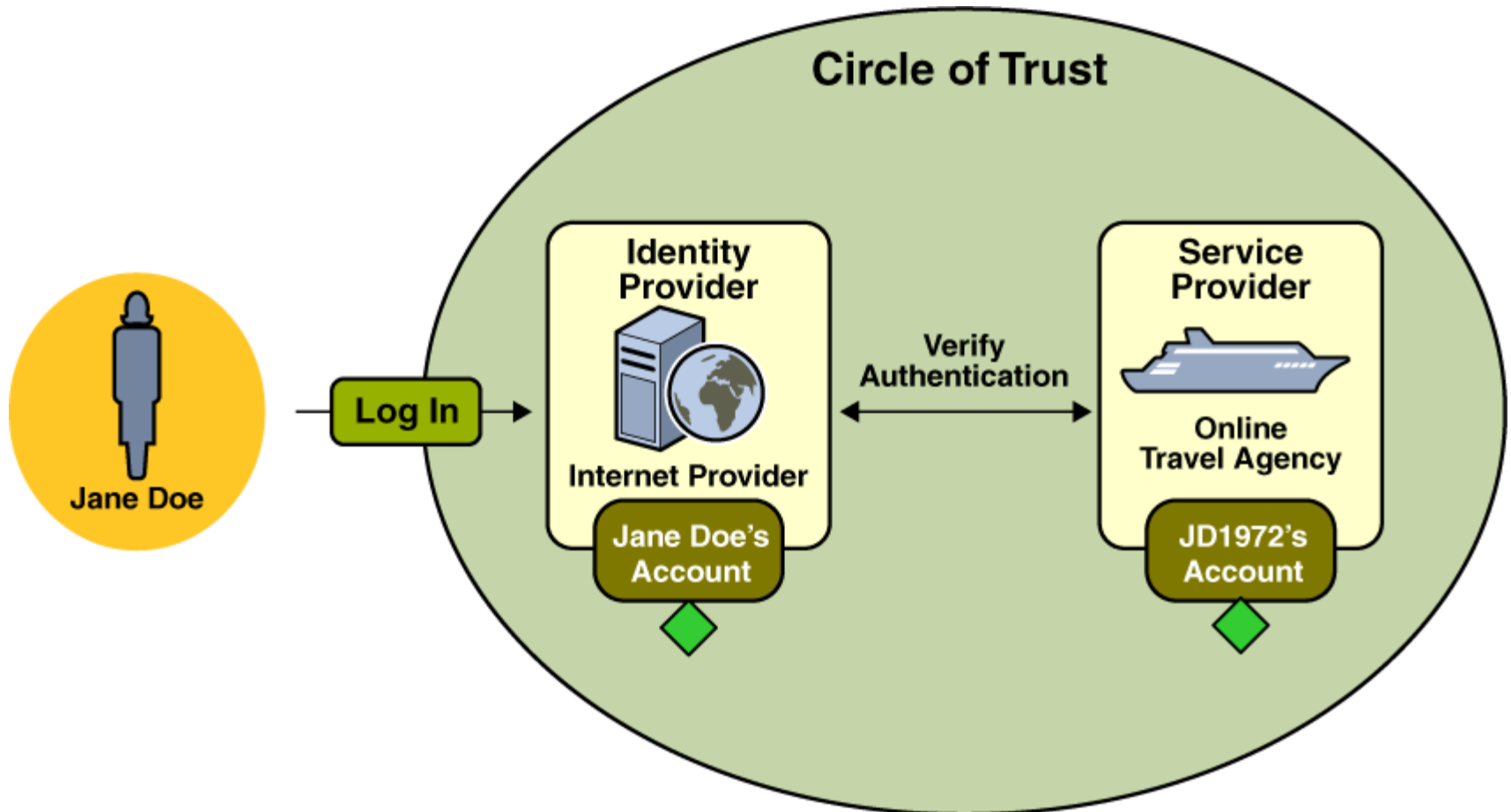
# Trusted Relationships



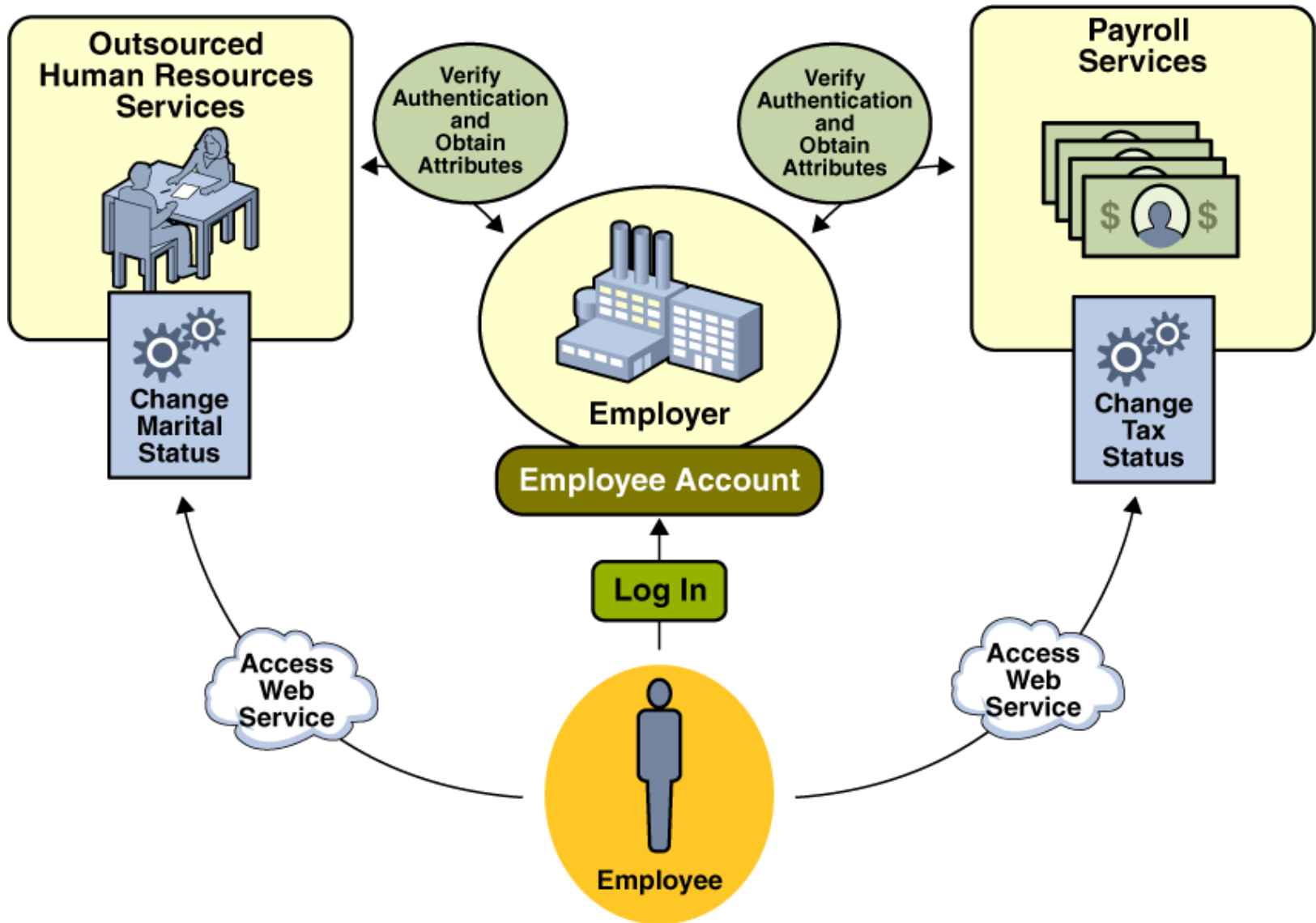
# Internet Single Sign-On



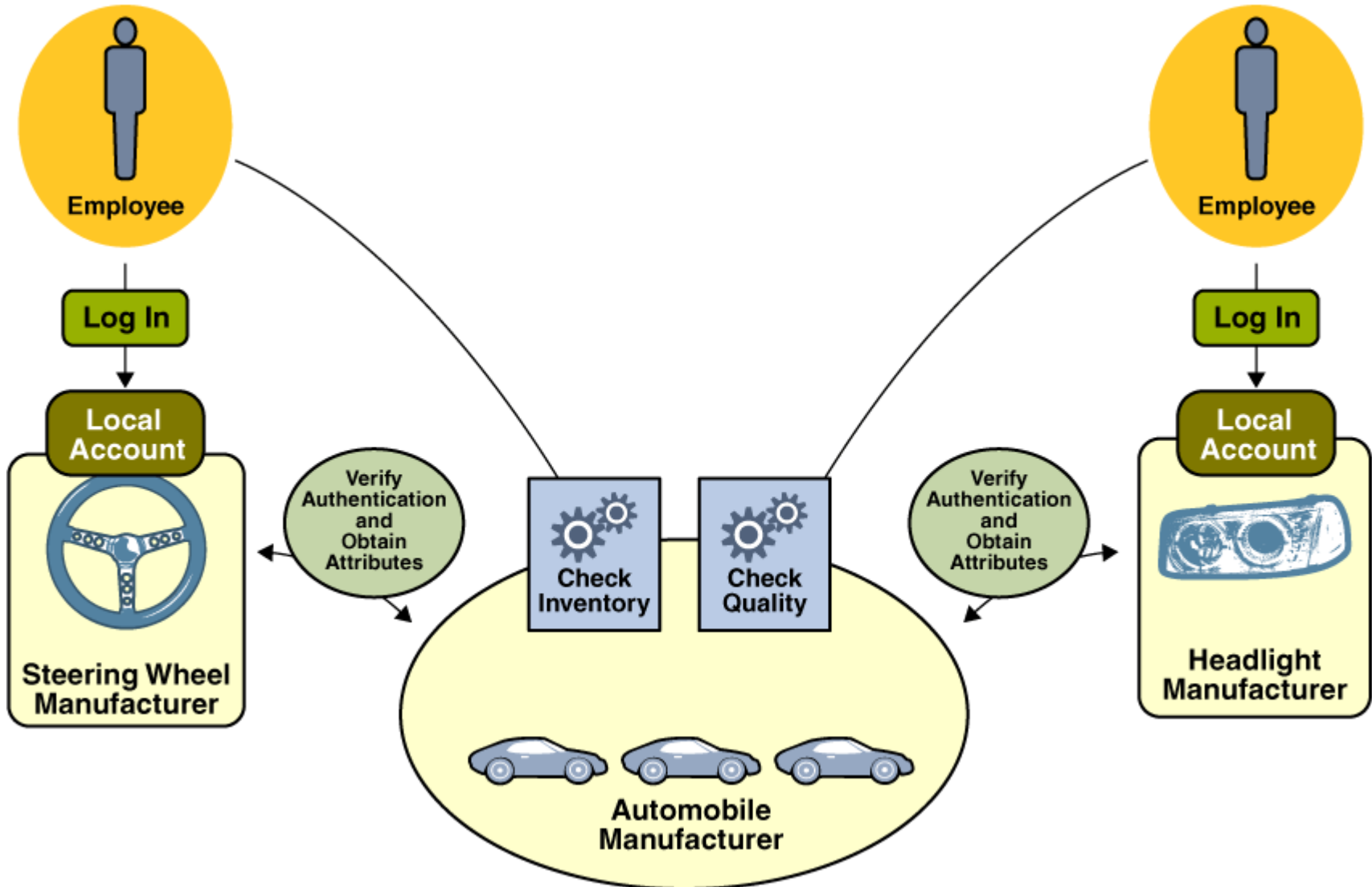
# Account Linking



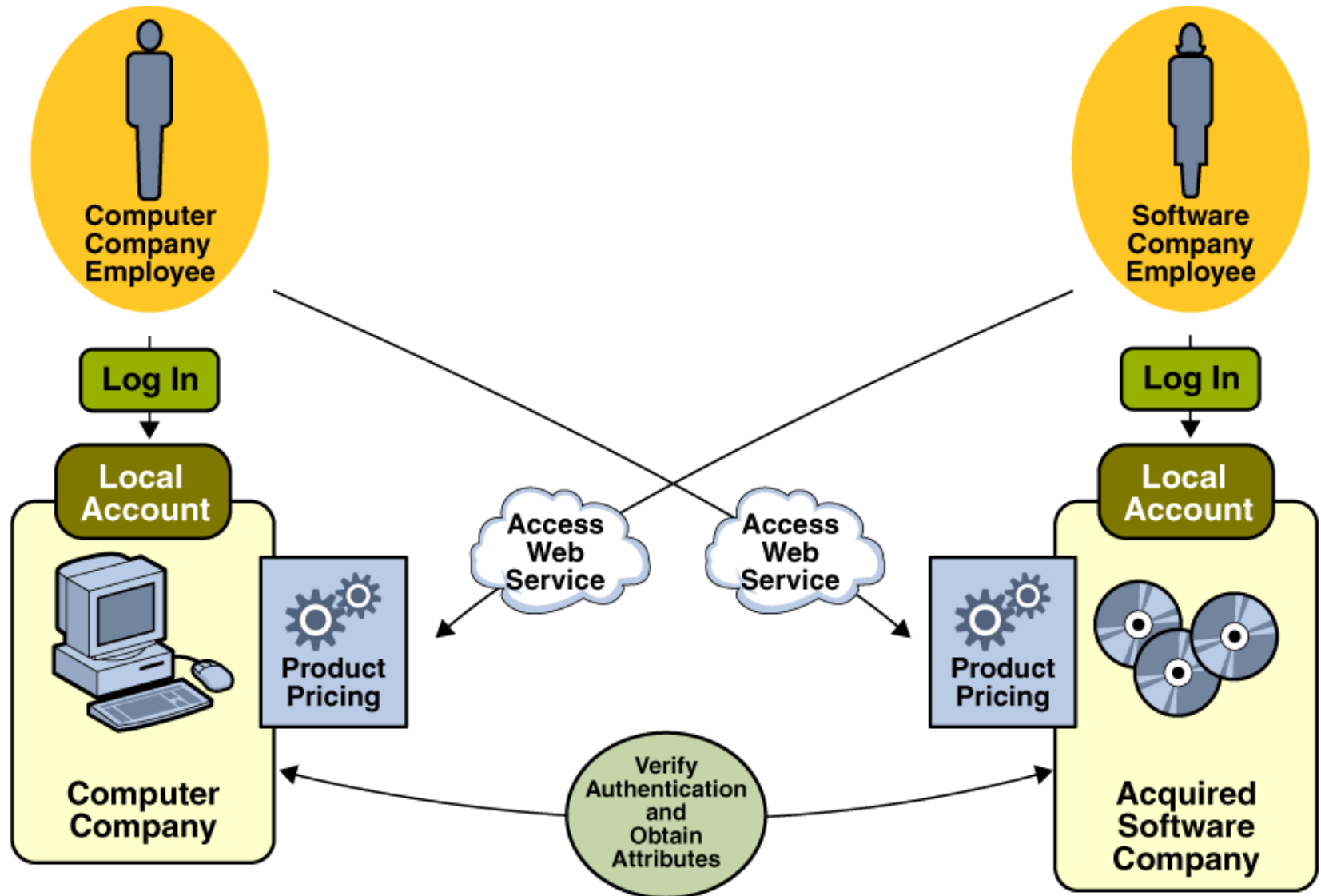
# Service Outsourcing With Federation



# Supplier Network With Federation



# Acquisition or Merger With Federation



# Buzzwords

- Circle of trust
- Identity provider
- Service provider
- Federation protocols:
  - > SAML 1.x
  - > Liberty Identity Federation Framework (ID-FF) 1.x
  - > SAML 2.0
- Federated identity

# For More Information

- Training from Sun Learning Services:
  - > Sun Java System Access Manager Configuration and Customization
    - > A broad overview of access management
    - > <http://www.sun.com/training/catalog/courses/AM-3480.xml>
  - > Federation Boot Camp
    - > A deep dive into federated identity
    - > [fm-bootcamp@sun.com](mailto:fm-bootcamp@sun.com)
- Blogs:
  - > <http://blogs.sun.com/superpat> - Superpatterns
  - > <http://blogs.sun.com/openroad> - My Blog – I'll be posting a PDF of these slides here



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