Case Study: Facility Security at the Beta Corporation

Beta Corporation is a small manufacturer and distributor of tools for industrial markets. Recent incidents have left Acme executives concerned about the physical security of their headquarters, factory and warehouse

Stakeholder View Exercise
- ✓ A competitor's product is based on Acme trade secrets. Projected loss to Acme is $400,000 US in sales.
- ✓ Tools were stolen from the Acme factory four times in the last year. Replacement cost and lost productivity totaled $75,000.
- ✓ Unauthorized individuals were found in company facilities three times in the last year. Police found no evidence of break-ins.
- ✓ The CFO is therefore concerned about security of company property
- ✓ The HR Director is therefore concerned about safety of company staff
- ✓ The CEO shares both concerns
- ✓ All three leaders share a two-part goal to improve security at Acme facilities – Prevent unauthorized access to Acme facilities – Track all access to Acme facilities
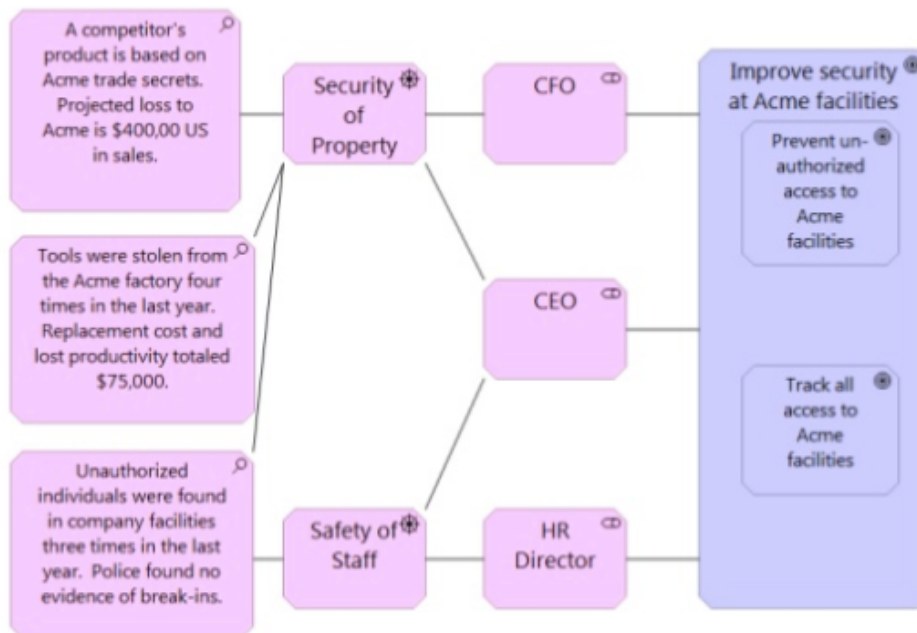
Requirements Realization View Exercise
- ✓ The following requirements will improve security at Acme facilities
  - o Ensure that everyone who enters the facility is a employee, contractor or authorized visitor
  - o Enable employees to improve workplace security through daily practices
  - o Capture video of all facility entries and exits
- ✓ The requirements will be realized by components of a Facility Access Control product with
  - o Keycard Badge Access
  - o Employee Training
  - o Video Recording
  - o Facility Access Policy
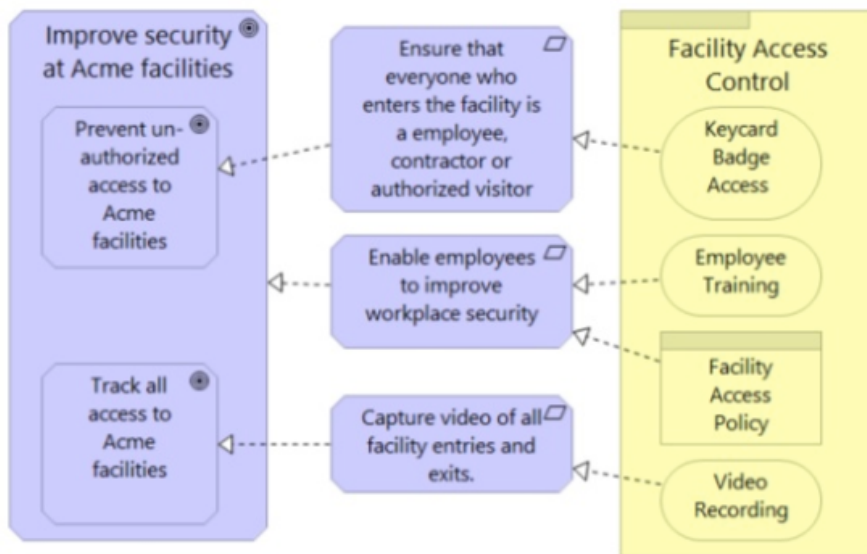
Organization View Exercise

Acme Corporation has three locations, each of which houses a key internal organization
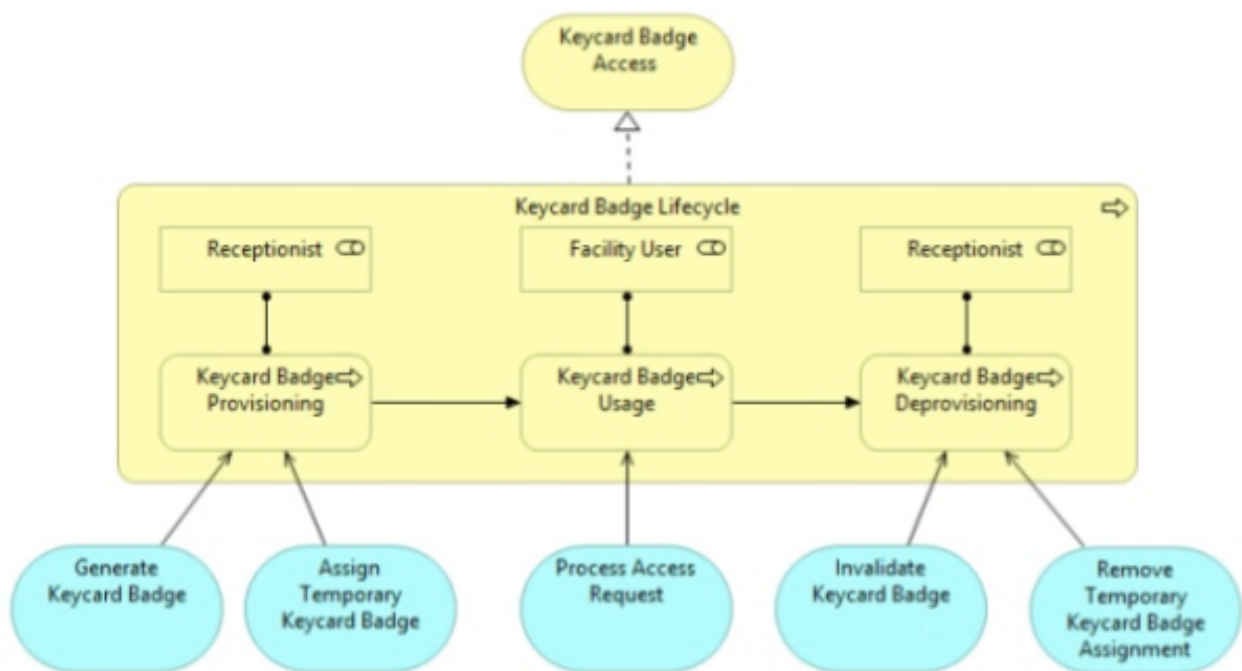- • The Headquarters houses Corporate Management, which includes the CEO, CFO and HR Director.
- • The Distribution Center houses the Warehousing and Distribution organization
- • The Factory houses the Manufacturing Organization
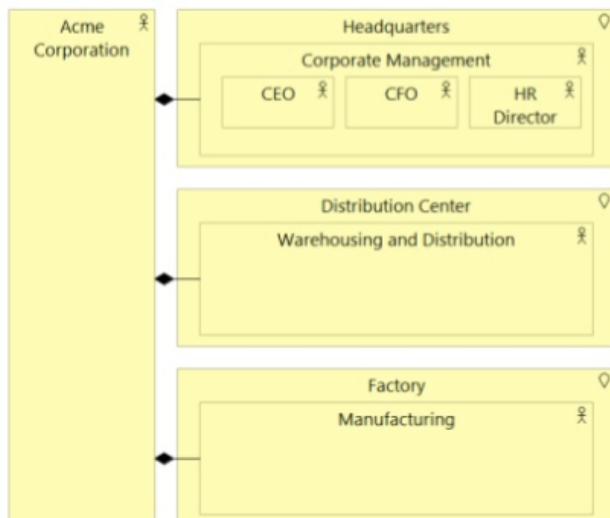
Business Process View Exercise

The Keycard Badge Lifecycle business process:
- Realizes the Keycard Badge Access business service
- Is composed of three successive sub-processes, each of which is performed by a specific role, and uses specific application services
    - Keycard Badge Provisioning: Performed by Receptionist and Uses Generate Key Badge and Assign Temporary Key Badge
    - Keycard Badge Usage: Performed by Facility User and Uses Process Access Request
    - Keycard Badge Deprovisioning: Performed by Receptionist and Uses Invalidate Keycard Badge and Remove Temporary Keycard Badge Assignment