**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
  + Ensure that everyone who enters the facility is a employee, contractor or authorized visitor
  + Enable employees to improve workplace security through daily practices
  + Capture video of all facility entries and exits
* The requirements will be realized by components of a Facility Access Control product with Keycard Badge Access, Employee Training, Video Recording and 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:

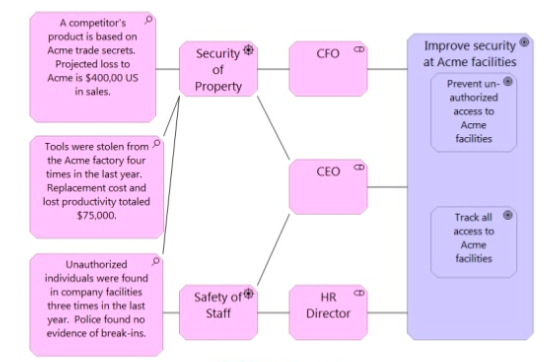
* Realizes the Keycard Badge Access business service
* Is composed of three successive sub-processes, each of which is performed by a specific role, and uses specific application services
  + Keycard Badge Provisioning: Performed by Receptionist and Uses Generate Key Badge and Assign Temporary Key Badge
  + 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

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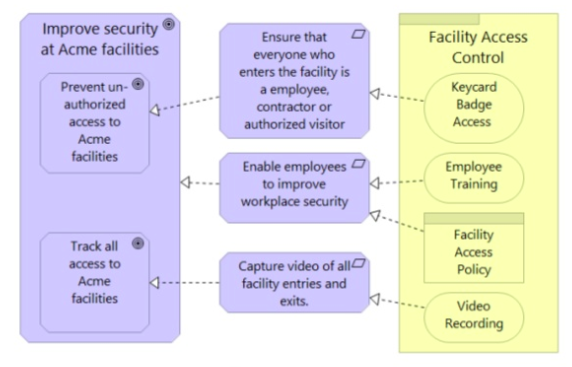
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**Requirements Realization View Exercise**

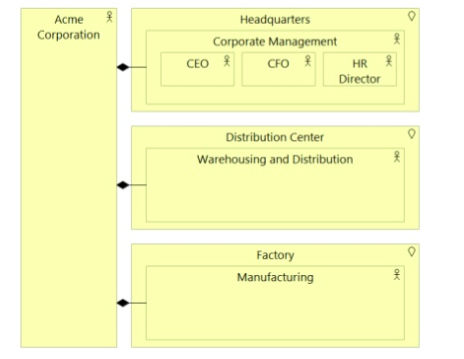
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  + Facility Access Policy



**Organization View Exercise**

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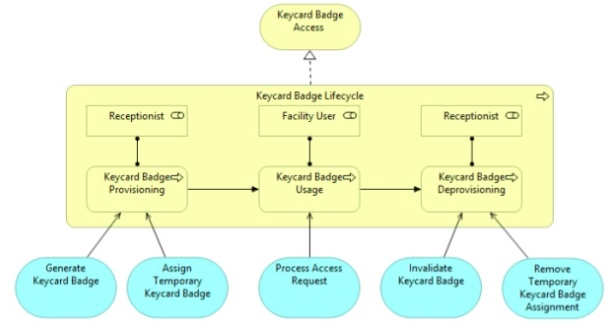
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