Modeling Agent as an Engineered System

Objective:  
To demonstrate that an agent is not always a person or a human organization. Automated systems can also be agents that initiate processes.

Scenario:  
An automated inventory management system detects that the stock of coffee beans is low and automatically places a purchase order with a supplier.

## Description:

* The ns:inventory-system is modeled as an iof:Agent, and more specifically, an iof:EngineeredSystem.
* In this transaction, the system itself plays the iof:BuyerRole.
* The system participates in the iof:BuyingBusinessProcess to order more coffee beans.

This shows the versatility of the Agent class. It can be a human, a legal entity, or a piece of software/hardware.

A diagram of a company

AI-generated content may be incorrect.

Diagram: Automated Ordering System