Capability Needs Definition

# Functional

The system shall detect all objects of interest

* The system shall sense objects within a given area
* The system shall determine the initial position of objects within a given area
* The system shall track objects within a given area

The system shall assess relevant data

* The system shall continually evaluate all threat vectors (direction and velocity of tracked threats)
* The system shall continually classify object based on their perceived threat

The system shall communicate with appropriate personnel and systems

* The system shall warn appropriate personnel of pending threat
* The system shall record all activities for future evaluation
* The system shall feed data as necessary to other systems

The system shall defend personnel, facilities, and equipment

* The system shall engage threat
* The system shall neutralize the threat

# Non-Functional

Transportability of system

Reliability of system

Supportability of system

Supportability of system