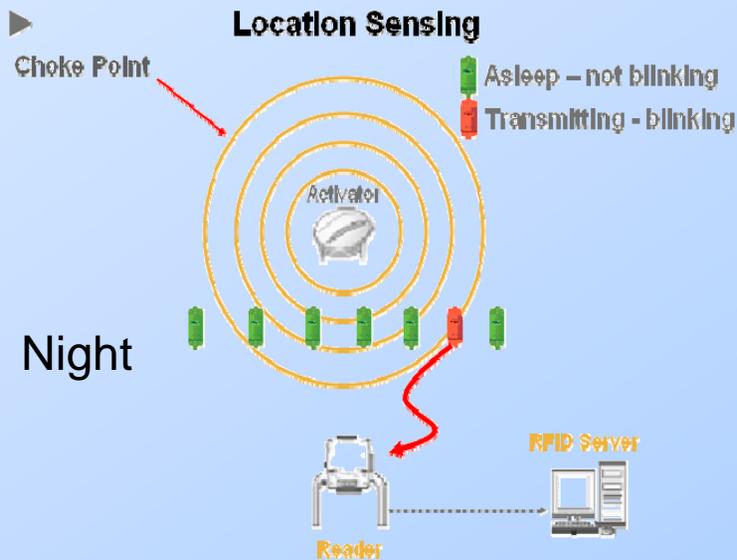


RFID Accountability System

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



When NGA assets move through an Activator zone, the asset's RFID tag begins to transmit identification information to the nearest Reader.

- **Problem Statement:**

- NGA required an automated approach to perform property accountability and tracking within their facilities SCIF'd facility

- **Technical Approach:**

- The system uses WhereNet's hardware and software, which utilized an ISO Standard protocol and met the tempest requirements for a SCIF
- Custom software was implemented to interface with the WhereNet system to satisfy NGA property requirements

- **Benefit:**

- The system provides NGA with real-time total asset visibility
- By using a more "hands-off" approach to inventory, the facility has saved more than \$2M per year

- **Technology Readiness Level 9**

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