



Sustainable Technology Evaluation and Demonstration (STED) Program

Intelligent Equipment Locker and Key Management Systems Demonstration



Technology Description

Energy efficient intelligent equipment locker systems and key management systems to control access, manage, secure, and distribute equipment and keys.

Potential Impact

- Restricts access and securely stores equipment or keys with detailed auditing of system activity.
- Multiple sizes, configurations, and applications.
- Access available to authorized personnel with CAC/PIV cards, keycodes, or biometrics.
- Compatible with building access control systems.
- Integrated locker charging capabilities (phones, laptops, radios, scanners, etc.)
- Allows user input during check in / out to report equipment issues.

Benefits

- Lockers applicable to multiple equipment types/sizes (cell phones, tablets, laptops, radios, weapons, inventory scanners, NVG Pelican cases)
- Key management for fleet (vehicles, toolbox keys, part cabinet keys) and facilities (doors, equipment, file cabinets, server cabinets, electrical boxes)
- Prevents equipment loss/damage and maintains equipment accountability.
- Reduces manpower associated with managing and issuing equipment and keys.

Demonstration Status: Planning

- MCB Quantico (PMO and WTB).
- Identifying site specific requirements.

For additional information please contact:

- osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil
- Department of Defense (DoD) Sustainable Products Center (SPC): <https://www.denix.osd.mil/spc/index.html>

Key cabinets

- Steel construction for increased security and heavy-duty processes
- Intuitive touchscreen interface delivers faster transactions and reporting
- Flexible multi-factor authentication options integrate with existing access control policies and tokens
- Configurable door options; lock or non-lock, solid steel or clear doors, align with the security levels and access needs
- Scalable key capacity can grow with operational needs and adapt to new procedures and policies



Equipment lockers

- Locker compartments can be customized to the specifications of your assets
- Integrated charging options ensure that devices are charged and ready for use
- Unique device identification provides per-asset control and tracking
- Enforce even utilization of temporary issue devices
- Fault Logging helps identify equipment in need of repair or maintenance
- Integrate with access control (PACS) to ensure that sensitive equipment never leaves your facility

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