

# Statement of Work

## BACKGROUND

Currently, USGS Fort Collins Science Center is using the Brivo Physical Access Control System (PACS) for badge card entry at out center. The current PACS is in need of being replaced so the center can have a modern integration to their physical access control, the aging hardware the PACS runs on, and to address aging technologies no longer used in PACS solutions.

## SCOPE

A new PACS system that can try to integrate with the current readers, power panels, sensors would be desired. It is understood, however, that replacement of readers and components that the Brivo PACS uses may be needed to accommodate the new PACS solution. The new PACS should meet specific policy/requirements such as HSPD-12, FIPS 201(2) and FICAM per government requirements on Physical Access Control Systems.

## OBJECTIVES

To allow the USGS Fort Collins to be able to use a reliable and updated physical access control system that can integrate with the current infrastructure allowing for reduced administration and oversight and improving on PACS reliability.

## TASKS/TECHNICAL REQUIREMENTS

New PACS system to take advantage of current Brivo panels if possible, to avoid having to replace them.

FORT has the following current setup in place for all readers, Brivo panels, door types that we would like to integrate with the new solution where plausible to allow for minimal replacement needs that are not necessary. Readers, door locks, sensors, and more may need to be addressed where the new solution requires it.

### Current Brivo PACS Setup

#### Brivo Panels

- 5 SuperTerms
  - Brivo ACS5000-A
- 1 MiniTerms
  - Brivo IPDC-2 IP Door Control

#### Current Readers

- 35 Readers
  - 3 Overhead doors
    - 2 Doors in FAB Shop with Internal / External FIPS 201 Card Reader with Keypad
      - RK40
    - 1 Door in Building C with Internal / External FIPS 201 Card Reader with Keypad
      - RK40
  - Reader model at all Doors Brivo RK40 besides

### **Doors / Types**

- 26 Manddoors, regular
- 1 Mandoor handicapped
- 5 Double doors
- 3 Overhead doors
- 13 are external; 22 internal
- 3 external doors without Readers

### **Current OnSite Aparato Appliance**

- Brivo ACS-Aparato-BA50

### **New System Requirements:**

Badge access system/software to be able to work with current burglar alarms system that perform all the functions that they currently perform, and in addition:

- Programmable readers/software/system(s) to control building access, that read
- Smart Cards (USAccess cards/LincCards) a card format for those without Smart Cards. This includes the newer PIV 2.4 standard.
- The PACS replacement systems must meet specific policy/requirements such as HSPD-12, FIPS 201(2) and FICAM per online research from GSA Security Systems and PACS Buying Guide ([Security & Protection Category | GSA](#))
- All systems integrated (badge access system, camera system, and burglar alarm system)
- Standardized computer operating system Windows 10 / Server 2019 or be able to be virtualized locally at our center with a Virtual Machine.
- Ability to schedule a period of time when door(s) do not report violations or trigger the burglar alarms

example: Fab shop overhead door

no reporting 7/16/8 from 10:00 a.m. to 2:00 p.m.

for users in Group X

- Ability to lock down the building, i.e., prevent all badges from opening doors.
- System(s)/software need to allow for separation of duties. For example, system /network administrators vs. security team personnel.
- Use existing hardware as much as is reasonable, including but limited to wiring, door contact hardware, sensors, power panels, Brivo panels.
- System must be fully functional with MegaCenter (minimal false violations reported) before contract is considered finalized.
- System must integrate with current Emergency duress inputs in locations for alarm / alerting as the current Brivo system does.
- Overhead doors must function properly with badge control, i.e., without using the Emergency controls.
- Access to doors/readers should be assigned by Groups. Ability to assign an employee to more than 16 groups would be desired as we reach this limitation in our current system.
- All doors must function/latch properly to not trigger false positive. For example, the Double doors on the Breakroom fairly frequently do not latch properly.
- Ability to lock down the building, i.e., prevent all badges from opening doors.
- Scalability – System must be designed for expansion as additional security measures are required.
- Contractor shall provide the government with a list of all equipment and locations of installed Server (if applicable), Hardware, Software, Firmware, Readers, Panels, Chipboards, Wiring/Cabling, or any equipment associated with the new Physical Access Control System to make it a turnkey operation.
- No reconditioned parts/equipment shall be used. All converted equipment shall match and work with the current system that is currently in place.
- Vendor needs to be certified in PACS that meets the standards for Federal PACS

## **Limits of Liability**

Contractor will not be held responsible for damages to, or failure of, equipment due to acts of nature, fire, theft, vandalism, water, flagrant and deliberate abuse, or misuse of equipment, except those directly due to the overtly negligent acts or omissions of the Contractor's employees. The Government reserves the right to utilize an outside contractor in the event of a Contractor strike or labor dispute affecting Contractor's employees, which, with prior notice to Contractor, shall not void the warranty. Costs incurred shall be recoverable by the Government from the Contractor if services performed were within the scope of this contract.

## **Owners Responsibilities**

It is agreed that the Contractor will have access to the equipment and locations of installation during normal business hours of USGS 6am MST to 5pm MST for the purpose of carrying out responsibilities as described in this agreement.

## **DELIVERY**

Items will be delivered no more than 90-days after contract award to work towards completion of installation.

#### **GOVERNMENT-FURNISHED PROPERTY**

No government-furnished property shall be provided to the contractor.

#### **SECURITY**

The PACS replacement systems must meet specific policy/requirements such as HSPD-12, FIPS 201(2) and FICAM per

#### **PLACE OF PERFORMANCE**

Product support via telephone or on-site as required by the issue:

#### **PERIOD OF PERFORMANCE**

To start after the solution installation has completed.