



Statement of Work for DCC Hirsch Security System

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Order Delivery Schedule

Projected Delivery Schedule	Three (3) to six (6) months after receipt of order – includes delivery of materials, installation, and integration
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Background

This project addresses upgrading the Hirsch Access Control System (Identiv) in the Davis Conference Center. This project is designed to 1) Add eight (8) additional access control points to the existing system and 2) Upgrade the end-of-life main controller.

Background: During high-visibility events, there is a valid need to control access to the DCC. This security system enhances security by providing another layer of protection for conference center customers. The system allows the DCC staff to immediately lockdown the entire facility in the event of a security threat of any kind. The Hirsch Access Entry Control System is available on the following doors: 1) Exterior/Terrace (4 doors), 2) DV Area (3 doors), 3) CORONA Room (3 doors), 4) Tampa Room (1 door), 5) Auditorium A/V Control Room (2 doors), and 6) Exterior/Main Entrance (3 doors), Exterior/West Entrance (1 door), and Exterior/North Entrance (1 door). Intent: To provide maximum security and a lockdown area for our high-profile customers in the event of a security threat. Additionally, to: 1) Prevent unauthorized entry if doors are left unsecure at end of day, 2) Reduce number of security guards during high-profile events, and 3) Control entry points and entry times. During high-visibility events, there is a valid need to control access to the DCC. This system would enhance security by providing another layer of protection for conference center customers. DCC Address is 7633 Bayshore BLVD, Tampa, FL (On MacDill AFB).

Current Hirsch System Capabilities

The Hirsch system is currently centrally located and controls sixteen (16) door access points.

1) Controller 1

- a) Has a SNIB 3 communication module

- b) Older power units
- c) Missing proper mounting plate
- d) Controls 8 doors
- e) Eight (8) with mag locks and scramble pads

2) Controller 2

- a) Altenix AL600 power unit
- b) Has a SNIB 3 communication module
- c) Controls 8 doors
- d) Six (6) with mag locks and scramble pads
- e) Two (2) with door strikes and scramble pads

3) Controller 3 (currently not online)

- a) Has an onboard communication module
- b) Altenix AL600 power unit
- c) Currently has 8 available slots

Hirsch System Requirements Summary

1. Supply necessary programming to support system integration
2. Provide & install Identiv Velocity Software with 3-year license on one (1) laptop computer (GFE) to manage security system
3. Upgrade one (1) Hirsch Model 8 to Hirsch MX8 Unit and install one (1) Altronix AL600 Power Supply
4. Install eight (8) new Access Points

Hirsch System Specific Requirements

1. Provide Programming Support:

- Provide programming of new devices into the most current Velocity software. Ensure programming includes all associated time zones, roles, permissions, door groups, master door groups, command sets, credential templates, holidays, as it is required for the system to be functional.
- Currently two (2) controllers are connected to the Hirsch communication node with a laptop running Velocity software
 - Controller two appears connected to the network through a SNIB3
 - Controller one appears connected to the network through a SNIB3
 - Currently Hirsch runs on 192.x.x.x but the commercial internet is running 172.x.x.x.
 - **This system will not be connected to the Air Force network**
 - The government can provide static IP's for system
- Need to merge 3rd Hirsch model MX8 controller and Altronix AL600 unit into system
 - Boxes currently wall mounted
 - Boxes have 120V hardwired power connection installed

- Has an on-board communication card. Require communication link connected to all controllers
 - Connect all communication cards to commercial network switch located approximately 20' away from controllers
- Time Zones
 - All existing assigned time zones will remain
 - No required time zones for new access points
 - Doors will be programmed to be locked at all times

Existing Time Zones	Applicable Doors
DV Exterior	DV Exterior
Front Door	Front Door
Smoking Area Door	Smoking Area
Terrace Doors	Patio Left
Terrace Doors	Patio Right
Terrace Doors	Corona Exterior
Terrace Doors	Tampa Exterior
All Locked*	All doors with exception of those listed above will be locked at all times
All Locked*	Kitchen (new)
All Locked*	Auditorium Exit (new)
All Locked*	Main Admin (new)
Existing Door Groups	Applicable Doors
Corona Room	COR-1
Corona Room	COR-2
Corona - DV	DV1
Corona - DV	DV2
Corona - DV	DV Admin
Corona - DV	COR-1
Corona - DV	COR-2
DV	DV1
DV	DV2
DV	DV Admin
DV Tampa	DV1
DV Tampa	DV2
DV Tampa	DV Admin
DV Tampa	Tama Room
Tama Room	Tampa Room
Front Door	Front Door

New Door Groups	Applicable Doors
Kitchen	Kitchen
Comms Closets	DV Comm
Comms Closets	Main Comm Outer
Comms Closets	Main Comm Inner
Comms Closets	2nd Comm Outer
Comms Closets	2nd Comm Inner
Comms Closets	Corona Comm
Admin	Main Admin

2. Provide & install Identiv Velocity Software with 3-year license on one (1) laptop computer (GFE) to manage system:

- **We currently have the Identiv Velocity Software installed on one (1) government laptop computer (primary).**
 - Identiv Velocity Software is the integrated security management system that manages access control and security operations within the facility.
- **We need Identiv Velocity Software installed on a second government laptop computer (alternate):**
 - Load Velocity 3.8 software
- **We need the 3-year Licensing and Software Support Agreement for our existing software (Version 3.8):**
 - Provide 3-year Licensing & Software Support Agreement

3. Upgrade One (1) Hirsch Model 8 to Hirsch MX8 Unit and Install One (1) Altronix AL600 Power Supply:

- **Controller One**
 - Install proper board mounting bracket
 - Requires one (1) Model 8 to MX8 retrofit mounting bracket
 - **Install one (1) Altronix AL600 power supply**
 - Replace existing power supply unit with an Altronix AL600 power
 - Supply to properly provide power to all 8 zones of controller #1
- **Controller Two**
 - Upgrade one (1) Hirsch Model 8 to MX8 controller
 - Install proper board mounting bracket
 - Requires one (1) Model 8 to MX8 retrofit mounting bracket

4. Install Eight (8) New Access Points:

- **Install one (1) Access Control Point for Kitchen Door (#1)**
 - a) Hirsch Exterior Scramble Pad

- 1) For example: DS47L Scramble Pad
- 2) Exterior mounting box
- b) Interior Mag Lock
 - 1) For example: Securitron Maglock
 - 2) For example: Securitron Brass Cover
 - 3) For example: Camden CX30EE Green Lighted Exit Button
- c) Provide and install cabling from each door to controller
- d) Approximate distance from access point to main system is 168 feet
- **Install one (1) Access Control Point for Auditorium Emergency Exit Door (#2)**
 - a) Hirsch Exterior Scramble Pad
 - 1) For example: DS47L Scramble Pad
 - 2) Exterior mounting box
 - b) Interior Lock
 - 1) For example: Rim Strike for Crash Bar
 - c) Note: Door is oversized
 - 1) 118" in height
 - d) Provide and install cabling from each door to controller
 - e) Approximate distance from access point to main system is 300 feet
- **Install one (1) Access Control Point for Administrative Area Main Door (#3)**
 - a) Hirsch Interior Scramble Pad
 - 1) For example: DS47L Scramble Pad
 - 2) For example: MB1 Flush Mounting Box
 - b) Interior Mag Lock
 - 1) For example: Securitron Maglock
 - 2) For example: Securitron Brass Cover
 - 3) For example: Camden CX30EE Green Lighted Exit Button
 - c) Provide and install cabling from each door to controller
 - d) Approximate distance from access point to main system is 90 feet
- **Install one (1) Access Control Point for DV Communications Closet Door (#4)**
 - a) Hirsch Interior Scramble Pad
 - 1) For example: DS47L Scramble Pad
 - 2) For example: MB1 Flush Mounting Box
 - b) Interior Door Strike
 - 1) For example: Camden Door Strike
 - c) Provide and install cabling from each door to controller
 - d) Approximate distance from access point to main system is 174 feet
- **Install two (2) Access Control Points for Main Communications Closet Outer and Inner Doors (#5 & #6)**
 - a) Two (2) Hirsch Interior Scramble Pads
 - 1) For example: DS47L Scramble Pad
 - 2) For example: MB1 Flush Mounting Box

- b) Two (2) Interior Door Strike
 - 1) For example: Camden Door Strikes
 - c) Provide and install cabling from each door to controller
 - d) Approximate distance from access point to main system is 182 feet
- **Install two (2) Access Control Points for 2nd Floor Communications Closet Outer and Inner Doors (#7 & #8)**
 - a) Two (2) Hirsch Interior Scramble Pads
 - 1) For example: DS47L Scramble Pad
 - 2) For example: MB1 Flush Mounting Box
 - b) Two (2) Interior Door Strike
 - 1) For example: Camden Door Strikes
 - c) Provide and install cabling from each door to controller
 - d) Approximate distance from access point to main system is 232 feet
 - 1) Note: Direct wiring access to 2nd floor Communication Closet from main Communication Closet

DCC Preparation Prior to Project Start

- Kitchen – Needs standard lock/unlock door handle.
- Admin Area – Needs standard lock/unlock door handle.
- Verify comms closets (main com outer/inner, 2nd floor comm outer inner, Corona Com, and DV comm) all have locked (outside stays locked always but can exit also can use key to open) outer and exit capable inside door handles.
- Possibly will need (4) inside static commercial IPs.

Project Support

Certifications – Vendor must be Hirsch-Certified to be eligible to receive contract award. Proof of this certification must be presented at the time of bid submission.

- Must be trained and certified in Velocity Software
- The contractor shall provide the personnel with the technological expertise to meet the needs of this project. In addition, the contractor will work through technical issues to ensure reliability and interoperability between existing system and the newly installed technologies.

Additionally, the Contractor shall ensure that personnel accessing the work site have the proper credentials (e.g., project manager, programmer, design engineering, etc.) to perform the required functions in accordance with this statement of work.

Finally, the contractor shall have proven past performance for design, build, and quality control for large-scale mission critical projects and DoD protocols and processes for secure environment requirements.

Deliverables

- **Functionality:** The contractor shall deliver a fully-mission-capable Hirsch Security System compatible with existing security systems within the allotted time. Additionally, the contractor will ensure all current capabilities remain intact after project is completed.
- **Equipment:** All equipment shall be tested prior to delivery. The equipment and supplies will not be delivered to the DCC until the start of the project. The DCC does not have an area large enough to store the equipment. The contract company is responsible for delivery and unloading of all equipment. Also, the contract company is responsible for the un-packaging, assembling, installation labor, training, programming, calibration, and project management to install all equipment listed within this SOW. Finally, the contract company will be responsible for the removal and discarding of all excess/unused equipment, packaging materials, boxes, etc.
 - **Note 1:** The DCC's service drive is not large enough to support deliveries via 18-wheeler trucks (tractor-trailers); however, the service drive can support box truck deliveries.
 - **Note 2:** There is not a raised loading dock at the facility.
- **Training:** The contractor shall provide user training regarding the use, operation, options, and functionality of all user-level system components to the DCC staff. Training will be divided into two categories (see below) and scheduled upon completion of the project. When project is near conclusion, the contractor needs to provide DCC staff with estimate start date for training session.
 - Provide on-site, instructor-led Hirsch trainings for:
 - Two (2) system administrators* and
 - Five (5) system users
 - *Training must be comprehensive enough to ensure that when contractor walks away, technicians can perform all system functionality tasks associated with newly installed equipment.
- **Documents.** The contractor will supply the user guides and as-built integration drawings within two (2) weeks of completion.
- **Initial Warranty:** The contractor shall provide a warranty on all services and work performed under this SOW. The warranty period shall start on the date of acceptance of the installation and continue for a period of twelve (12) months thereafter. The warranty period shall cover all replacement parts at no additional cost to the US Government. The warranty shall cover all workmanship (labor) and conform to the requirements identified herein. The contractor shall guarantee that all work performed is free from defect during the warranty period and provide the following:
 - Toll Free Hotline Support
 - E-mail support
 - Equipment replacement for equipment under warranty
 - On-site technician or engineer dispatch

- **Warranty Support** – If an issue cannot be resolved on the phone or via e-mail, the contractor will dispatch a technician or engineer to the site. The time to arrive on-site will be within 24 to 72 hours (depending on the urgency of the issue).
 - **Up to 24-Hour Response:** Emergency Outage (system completely down with a bonafide need to use)
 - **24 to 72 Hour Response:** System Outage (problem with work around available either by manual operation or meeting(s) moved to another location)
- **System Operational Verification Test (SOVT):** The contractor shall test all components of the new integrated system and ensure functionality as intended by the customer. Both Government and contractor representatives will be present and participate in the testing of the equipment. At the conclusion of the test, the customer will document any issues on the punch list. Resolution of punch-list items in conjunction with SOVT and Final Acceptance will occur at an agreed upon date in the future. [IMPORTANT] SOVT will be detailed and thorough. The Government will schedule a set time to perform the SOVT.

Work Schedule: The contractor will have access to the Davis Conference Center on Monday – Friday, 8:00am to 4:00pm. Contractor will supply required information for base access. DCC staff will process and provide escort for contractor (when necessary) while in the facility.