Today’s advanced embedded access control solution. Faster to deploy and configure, it’s simple, self-contained & scalable for a few doors to over 500.

More cost-effective to deploy because it’s Web-Browser-Managed. There’s no more software to load or license. It includes a full line of E-Access-dedicated controllers and ultra-fast readers, a dedicated App & integrated mobile credential - All using today's latest, proven technologies.

Why E-Access?

- Napco’s E-Access® is a new embedded access control platform, for systems from 1 to 128 doors, up to 64 panels or controllers
- For even larger requirements, add a 2nd server & scale to 256 panels/512 doors
- Faster & More Cost-Effective - No Software to load or license (after one-time cloud activation*)
- Use Any Popular Web Browser, Anywhere, with E-Access’ Embedded Linux Operating System
- Comprehensive Scalable Line-up of 1-, 2- and 4-Door Expandable Controllers with choice of super-fast readers NFC, Prox, BLE, HF/Mifare
- Management App with Integrated Mobile Credential Included
- No-Touch Bluetooth Mobile Credentials & Automated 1-Click Credential Issuing
- Fast System Setup - Configuration Wizard; Auto- Populates holidays; Integrated flat file import tool; Bulk uploading of users & credentials
- Hybrid Access Control - Embedded Solution with the advantages of an onsite system
- Secure End-to-End Communications, SSL, AES 256 Bit Encryption
- 3-Year Warranty

Ask for Napco E-Access at your Local Security & Locking Distributor Today
**Embedded Single-Door Controller**

**NAE-1DC** 1-Door Controller, with Mobile App, requires 12 VDC power (sold separately)

**FEATURES:**
- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 2 Reader Ports – 1 In / 1 Out
- 2 Form C Relays – 1 Lock / 1 Auxiliary
- 3 Inputs – 1 Request to Exit, 1 Door Position Switch, 1 Auxiliary
- ETL / UL294
- 1 Gigabit Auto Sensing Ethernet Port
- Includes Mounting Bracket
- 3-Year Hardware Warranty

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**Embedded 2-Door Controller**

**NAE-2DC** 2-Door Controller, expandable up to 4 doors

**FEATURES:**
- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- Expandable to 4 doors in same housing with NAE-ACM
- 4 Reader Ports – 2 In / 2 Out
- 4 Form C Relays – 2 Lock / 2 Auxiliary
- 6 Inputs – 2 Request to Exit, 2 Door Position Switch, 2 Auxiliary
- ETL / UL294
- 3-Year Hardware Warranty

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**Embedded 4-Door Controller**

**NAE-4DM** 4-Door Controller

**FEATURES:**
- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 8 Reader Ports – 4 In / 4 Out
- 8 Form C Relays – 4 Lock / 4 Auxiliary
- 12 Inputs – 4 Request to Exit, 4 Door Position Switch, 4 Auxiliary
- ETL / UL294
- 3-Year Hardware Warranty

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**Readers**

**FEATURES:**
- Ultra-Fast transaction times, under a second
- Wiegand & OSDP support; Auto-Detects either over the same wires
- Bluetooth Low Energy
- No-Touch Bluetooth Mobile Credentials & Automated 1-Click Credential Issuing
- 3-Year Hardware Warranty

**READERS:**

- **NAE-ET5** Mullion Mount Reader NFC, HF / 13.5 MHz Mifare
- **NAE-ET10** Mullion Mount Reader NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare
- **NAE-ET20** Single Gang Reader NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare
- **NAE-ET25** Single Gang Reader w/ Keypad NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare

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**POE-1DC** 12VDC 2A POE Power Supply Accessory

**Option - NAE-2DMPL** 2-Door Controller, expandable up to 4 doors, with Power Package, includes selectable 12 or 24VDC, using individual auto-resetting fused outputs
## Napco E-Access Controller Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>NAE-1DC</th>
<th>NAE-2DM</th>
<th>NAE-2DMPL</th>
<th>NAE-4DM</th>
<th>NAE-4DMPL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wiegand Readers; Doors</strong></td>
<td>2 Readers for 1 Door only, 1 In / 1 Out Reader</td>
<td>2, Expandable to 4 total, 1 In / 1 Out Reader for up to 2 Doors or 1 In Reader for up to 4 Doors</td>
<td>2, Expandable to 4 total, 1 In / 1 Out Reader for up to 2 Doors or 1 In Reader for up to 4 Doors</td>
<td>8, 1 In / 1 Out Reader for up to 4 Doors</td>
<td>8, 1 In / 1 Out Reader for up to 4 Doors</td>
</tr>
<tr>
<td><strong>Scalable for Max. Number of Doors / System</strong></td>
<td>128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors</td>
<td>128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors</td>
<td>128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors</td>
<td>128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors</td>
<td>128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors</td>
</tr>
<tr>
<td><strong>Request to Exit (REX) Inputs</strong></td>
<td>1 Total, One for Each Door</td>
<td>2 Total, One for Each Door</td>
<td>2 Total, One for Each Door</td>
<td>4 Total, One for Each Door</td>
<td>4 Total, One for Each Door</td>
</tr>
<tr>
<td><strong>Door Position (status) Inputs</strong></td>
<td>1 Total, One for Each Door</td>
<td>2 Total, One for Each Door</td>
<td>2 Total, One for Each Door</td>
<td>4 Total, One for Each Door</td>
<td>4 Total, One for Each Door</td>
</tr>
<tr>
<td><strong>Auxiliary Inputs</strong></td>
<td>1 Total, General Purpose</td>
<td>2 Total, General Purpose</td>
<td>2 Total, General Purpose</td>
<td>4 Total, General Purpose</td>
<td>4 Total, General Purpose</td>
</tr>
<tr>
<td><strong>Tamper Digital Input</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Power Fault Digital Input</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Door Lock Outputs</strong></td>
<td>1 Form C Relay, 24V @ 1.0A</td>
<td>2 Form C Relay, 24V @ 2.0A</td>
<td>2 Form C Relay, 24V @ 2.0A</td>
<td>4 Form C Relay, 24V @ 2.0A</td>
<td>4 Form C Relay, 24V @ 2.0A</td>
</tr>
<tr>
<td><strong>Auxiliary Outputs</strong></td>
<td>1 Form C Relay, 24V @ 1.0A</td>
<td>2 Form C Relay, 24V @ 2.0A</td>
<td>2 Form C Relay, 24V @ 2.0A</td>
<td>4 Form C Relay, 24V @ 2.0A</td>
<td>4 Form C Relay, 24V @ 2.0A</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>Quad Core Cortex, 1.5 GHz</td>
<td>Quad Core Cortex, 1.5 GHz</td>
<td>Quad Core Cortex, 1.5 GHz</td>
<td>Quad Core Cortex, 1.5 GHz</td>
<td>Quad Core Cortex, 1.5 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>1 GB DDR3 &amp; 8 GB eMMc</td>
<td>1 GB DDR3 &amp; 8 GB eMMc</td>
<td>1 GB DDR3 &amp; 8 GB eMMc</td>
<td>1 GB DDR3 &amp; 8 GB eMMc</td>
<td>1 GB DDR3 &amp; 8 GB eMMc</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Embedded Linux</td>
<td>Embedded Linux</td>
<td>Embedded Linux</td>
<td>Embedded Linux</td>
<td>Embedded Linux</td>
</tr>
<tr>
<td><strong>Fast Transaction Processing</strong></td>
<td>&gt; 60 per second</td>
<td>&gt; 60 per second</td>
<td>&gt; 60 per second</td>
<td>&gt; 60 per second</td>
<td>&gt; 60 per second</td>
</tr>
<tr>
<td><strong>System Power Requirements</strong></td>
<td>Regulated 12VDC @ 2A, Class 2 (not supplied)</td>
<td>115VAC @ 1.5A</td>
<td>115VAC @ 1.5A</td>
<td>115VAC @ 1.5A</td>
<td>115VAC @ 1.5A</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>50°F to 95°F (10°C to 35°C)</td>
<td>50°F to 95°F (10°C to 35°C)</td>
<td>50°F to 95°F (10°C to 35°C)</td>
<td>50°F to 95°F (10°C to 35°C)</td>
<td>50°F to 95°F (10°C to 35°C)</td>
</tr>
<tr>
<td><strong>Enclosure Size (W x H x D)</strong></td>
<td>3.2” x 3.0” x 1.3”</td>
<td>14.25” x 14.25” x 3.75”</td>
<td>14.25” x 14.25” x 3.75”</td>
<td>14.25” x 14.25” x 3.75”</td>
<td>14.25” x 14.25” x 3.75”</td>
</tr>
<tr>
<td><strong>Internal Power Supply</strong></td>
<td>350mA @ 12V, (Power not included)</td>
<td>Controller &amp; Readers Only</td>
<td>Controller, Readers &amp; 12V and 24V for Door Locks</td>
<td>Controller &amp; Readers Only</td>
<td>Controller, Readers &amp; 12V and 24V for Door Locks</td>
</tr>
<tr>
<td><strong>Lock Output Power</strong></td>
<td>Controller, Readers &amp; 12V and 24V DC for Door Locks</td>
<td>12VDC, 700 mA</td>
<td>12VDC, 700 mA</td>
<td>12VDC, 700 mA</td>
<td>12VDC, 700 mA</td>
</tr>
<tr>
<td><strong>Battery Backup</strong></td>
<td>Rechargeable Backup Battery (Sold separately)</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
</tr>
<tr>
<td><strong>Rechargeable Backup Battery (Sold separately)</strong></td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
<td>12V, 7AH, Sealed Lead Acid</td>
</tr>
<tr>
<td><strong>Standby Power Requirement</strong></td>
<td>350mA @ 12V</td>
<td>400mA @ 12V</td>
<td>450mA @ 12V</td>
<td>400mA @ 12V</td>
<td>450mA @ 12V</td>
</tr>
<tr>
<td><strong>Reader Power</strong></td>
<td>300mA @ 12V Max per Reader; 600mA @ 12V Max per System</td>
<td>300mA @ 12V Max per Reader; 1000mA @ 12V Max per System</td>
<td>300mA @ 12V Max per Reader; 1000mA @ 12V Max per System</td>
<td>300mA @ 12V Max per Reader; 1000mA @ 12V Max per System</td>
<td>300mA @ 12V Max per Reader; 1000mA @ 12V Max per System</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
</tr>
</tbody>
</table>
# Embedded Access Control System Features & Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard System</th>
<th>Upgraded System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1, 2 &amp; 4 Door Panels</td>
<td>W/ Software Upgrade</td>
</tr>
<tr>
<td>Module Configuration (includes inputs/outputs)</td>
<td>Server / Client - 1 Door Module, 2 Door &amp; 4 Door Module</td>
<td>NAE plus 1 Cab &amp; 8 Floors Elevator</td>
</tr>
<tr>
<td>Reader License/System</td>
<td>32 in / 32 out readers</td>
<td>128 in / 128 out readers</td>
</tr>
<tr>
<td>Outputs Per Board</td>
<td>Varies by model: 2 Relays, 2 Inputs, 2 wiegand ports (in/Out) per door</td>
<td></td>
</tr>
<tr>
<td>Standard Output Max Capacity</td>
<td>64</td>
<td>256</td>
</tr>
<tr>
<td>Outputs Times</td>
<td>Hours, Min, Sec., by set time and or repeat Qty.</td>
<td></td>
</tr>
<tr>
<td>Inputs Per Board</td>
<td>3 Dig. inputs per door plus 2 Pre-assigned (Tamper, Pwr Supervision)</td>
<td></td>
</tr>
<tr>
<td>Input Types</td>
<td>NO Parallel Resistor, NO Series Resistor, NO Unsupervised NC Parallel Resistor, NC Series Resistor, NC Unsupervised</td>
<td></td>
</tr>
<tr>
<td>Standard Max Input Capacity</td>
<td>96</td>
<td>384</td>
</tr>
<tr>
<td>Virtual Inputs</td>
<td>____</td>
<td>API - Option</td>
</tr>
<tr>
<td>Predefined Door Configuration</td>
<td>Lock, Propped (Output) REX, Door Position (Input)</td>
<td></td>
</tr>
<tr>
<td>REX, DSM - On / Off</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Aux Outputs Option</td>
<td>Assignable - Timed, Forced, Shunt with or without DPS</td>
<td></td>
</tr>
<tr>
<td>Power (per board)</td>
<td>Varies by model</td>
<td></td>
</tr>
<tr>
<td>Battery Charging</td>
<td>1 / 7AH Batteries* Plus Model Only</td>
<td></td>
</tr>
<tr>
<td>Language, Log on by User</td>
<td>English, Spanish, French, option for others</td>
<td>English, Spanish, French, option for others</td>
</tr>
<tr>
<td>Total System Access Levels</td>
<td>25</td>
<td>125</td>
</tr>
<tr>
<td>Users per system</td>
<td>1,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Mobile Management App</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>User Photos</td>
<td>0</td>
<td>5,000</td>
</tr>
<tr>
<td>Access Cards</td>
<td>32,000</td>
<td>128,000</td>
</tr>
<tr>
<td>Cards Per Person</td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>e-Mail Alert / Notification</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Binary Card Decoder</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Wiegand Format Lengths</td>
<td>64 bit</td>
<td>64 bit</td>
</tr>
<tr>
<td>User-Defined Data Fields in Personnel Records</td>
<td>5 user fields</td>
<td>10 user fields</td>
</tr>
<tr>
<td>Integrated Flat File Database Import Tool</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Day Light Savings Time <em>DST</em></td>
<td>Automatic, Editable dates if future requirement</td>
<td></td>
</tr>
<tr>
<td>SMTP</td>
<td>On / Off Manual, PC Sync</td>
<td>On / Off Manual, PC Sync</td>
</tr>
<tr>
<td>Client Time Zone Configuration</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Time Specifications (schedules)</td>
<td>25</td>
<td>125</td>
</tr>
<tr>
<td>Access Level Groups</td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td>Holidays / Holiday Groups</td>
<td>Yes / 4 Groups</td>
<td></td>
</tr>
<tr>
<td>Online Event History Log</td>
<td>15,000 transactions</td>
<td>30,000 transactions</td>
</tr>
<tr>
<td>Transaction Types</td>
<td>Log, Audit, and System</td>
<td></td>
</tr>
<tr>
<td>Archive for Transactions</td>
<td>Manual, Automatic, Automatic by 90% full</td>
<td></td>
</tr>
<tr>
<td>Archive for System Config. Files</td>
<td>Manual Automatic daily</td>
<td></td>
</tr>
<tr>
<td>Administration / User Roles</td>
<td>Yes Pre-defined</td>
<td>Yes - Configurable</td>
</tr>
<tr>
<td>Concurrent Web Users</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Remote Management Connection</td>
<td>Option</td>
<td>Option</td>
</tr>
<tr>
<td>Compliances, ETL / UL294</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Standard System

- **User Interface Features**
  - **Action Buttons**: N/A, Door Unlock, Toggle, Elevator, Aux outputs, Live Camera View
  - **Graphic Floor Plans**: No, (JPG, bmp, PNG) 150KB Max
  - **Floor Plan Active Icons**: No, Locks, Inputs, Outputs, Elevators
  - **Search and Report**
    - **Wild Card Search n***: 1XI, CSV, HTML, PDF Print type option
    - **Predefined Reports**: Events; Audits, System Configuration/Usage
    - **Report Output Types**: Yes
  - **Card Type**
    - **Card Acknowledgment**: No, Yes
  - **Card Type**
    - **Timed / Door Position**: Yes
    - **Passage / Extended Time / Latch**: Yes
  - **First Auto-Unlock**: Yes
  - **Auto Unlock Override**: Yes
  - **Access Opt.**: Toggle, Mngr-in, 2-Man, One-Time Code, Deadman Check-in
  - **Guard Tour**: No
  - **Lockdown**: Yes
  - **Burglar API Integration**
    - **Disarm 1X / Arm 2X API**: Yes
    - **Burglar Event Log**: Yes
  - **Analog Burglar Alarm Mngmnt**: Yes
  - **Threat Level Management**
    - **Alters Access Control Behavior Globally**
    - **Threat Levels (quantity of levels)**: No, 5
  - **Door Control**
    - **Anti-Passback Timed**: Yes
    - **In / Out Door - Timed Forgiven**: Yes
    - **Man Trap**: No
    - **Occupied - One Credential at a Time**: Yes
    - **One Time Events - Door and Aux**: 0
  - **Event Action**
    - **Event Action Input**: Reader Event, Input, Door Output Status, System Event
    - **Event Action Output**: Outputs, Message Dashboard, eMail, Back up SD / FTP, Threat level, Video tag
  - **Elevator Control**
    - **Elevator Cab / Floors**: No, Yes, 5 Cabs / 40 floors (1 Cab, min.)
  - **Video Management System Capabilities**
    - **NVR Video Integration, Ganz; Max # of NVR’s**: 2
    - **Camera POP Up Live Desk Top**: Yes, Requires IP Camera
    - **Max # of Camera’s Per View**: 8

## Upgraded System

- **User Interface Features**
  - **Action Buttons**: N/A, Door Unlock, Toggle, Elevator, Aux outputs, Live Camera View
  - **Graphic Floor Plans**: No, (JPG, bmp, PNG) 150KB Max
  - **Floor Plan Active Icons**: No, Locks, Inputs, Outputs, Elevators
  - **Search and Report**
    - **Wild Card Search n***: 1XI, CSV, HTML, PDF Print type option
    - **Predefined Reports**: Events; Audits, System Configuration/Usage
    - **Report Output Types**: Yes
  - **Card Type**
    - **Card Acknowledgment**: No, Yes
  - **Card Type**
    - **Timed / Door Position**: Yes
    - **Passage / Extended Time / Latch**: Yes
  - **First Auto-Unlock**: Yes
  - **Auto Unlock Override**: Yes
  - **Access Opt.**: Toggle, Mngr-in, 2-Man, One-Time Code, Deadman Check-in
  - **Guard Tour**: No
  - **Lockdown**: Yes
  - **Burglar API Integration**
    - **Disarm 1X / Arm 2X API**: Yes
    - **Burglar Event Log**: Yes
  - **Analog Burglar Alarm Mngmnt**: Yes
  - **Threat Level Management**
    - **Alters Access Control Behavior Globally**
    - **Threat Levels (quantity of levels)**: No, 5
  - **Door Control**
    - **Anti-Passback Timed**: Yes
    - **In / Out Door - Timed Forgiven**: Yes
    - **Man Trap**: No
    - **Occupied - One Credential at a Time**: Yes
    - **One Time Events - Door and Aux**: 0
  - **Event Action**
    - **Event Action Input**: Reader Event, Input, Door Output Status, System Event
    - **Event Action Output**: Outputs, Message Dashboard, eMail, Back up SD / FTP, Threat level, Video tag
  - **Elevator Control**
    - **Elevator Cab / Floors**: No, Yes, 5 Cabs / 40 floors (1 Cab, min.)
  - **Video Management System Capabilities**
    - **NVR Video Integration, Ganz; Max # of NVR’s**: 2
    - **Camera POP Up Live Desk Top**: Yes, Requires IP Camera
    - **Max # of Camera’s Per View**: 8

**Note: Feature Sets are subject to change.**

Available at Security & Lock Distributors Nationwide

333 BAYVIEW AVE., AMITYVILLE, NY 11701
1.800.645.9445 | WWW.NAPCOSECURITY.COM

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