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SUMMARY OF NEW VERSION 6.1 FEATURES

PCD-Windows Quickloader Software

WI1395D 2/12

Welcome to the revised NAPCO PCD-Windows Version 6.1 Quickloader download software!

The following provides an overview of the new PCD-Windows features. Improvements include:

- **StarLink™ SL^e-GSM Radio Up/Download Support**
- **New Feature "Voice (VOIP) Over IP Mode" for improved up/downloading over VOIP connections**
- **New Zone Option "Manual Bypass Re-entry"**
- **Keypad Assignment Type: "RCM" for iRemote-MOD**
- **New Gemini C-Series (GEMC) V83A6 Features:**
 - **"Single Button Supplemental Reset"**
- **"Coded Cadence 4 Cycles only"**
- **"Disable Panel Error Check Required Mode"**
- **"All Keypads Unlocked for Silence, Reset and Supp."**
- **"Horn/Strobe Simultaneous Silence"**
- **"Keypad 1 Always Unlocked for User Functions"**
- **"Unattended Download Mode"**

StarLink™ SL^e-GSM Up/Download Support

The StarLink™ SL^e-GSM Radio alarm capture communicator is a fully supervised, wireless digital two-way subscriber unit supported by an extensive nationwide wireless network. It is compatible with virtually any alarm control panel and can function as a primary wireless communicator or as a backup to the existing telephone lines. When used as a backup communicator, it automatically switches the communication channel from the telephone line to the GPRS network when it senses telephone line trouble.

When used on a NAPCO Gemini control panel (GEM-P816, P1632, P1664, P3200, 9600 & X255), the SL^e-GSM may be used to Upload/Download the panel program using PCD-Windows Quickloader. This is a high speed download, typically completing a full control panel program download in 20 seconds or less.

Setting up the PCD-Windows account for SL^e-GSM downloading is simple:

Click the new **GPRS/Radio Communications** button (shown at right) to open the new **GPRS Panel Communications** dialog screen.



Simply enter the 7 digit SL^e-GSM Radio ID number in the GPRS Device ID field below. Select the desired Data Transfer Operation and click OK.

The downloading will commence at a speed comparable to a local high speed direct connection and about 20 times faster than a telephone download connection.

Panel Communications

Communication Startup

☐ Local (High Speed)

☐ Remote (Telco)

☐ TCP/IP

☒ GPRS/Radio

Radio Settings

GPRS Device ID:

PC Security Code:

Save

Select Transfer Operation

☒ Download to Panel

☐ Upload from Panel

☐ Download Differences

☐ Verify

☐ Status/Control

☐ Event Log

☐ User Program Area

☐ Dealer Program Area

☐ Description Area

Com Port

Modem: Standard

Port: FALSE

OK

Cancel

VOIP Downloading Improvements

With some "Voice Over IP" connections, the IP provider's equipment may not make the connection when the carrier tone is present on the line. Since PCD-Windows Quickloader normally connects to control panels with the carrier present immediately after dialing, this connection issue could occur.

This connection issue is solved by enabling the feature **"Voice Over IP Mode"** located in the **Panel Selection** screen, **Download/Callback Info** tab. When enabled, the line is kept quiet after Quickloader dials; thus when the control panel pickup occurs, a short silent delay, followed by a short carrier tone and up to 5 seconds of wait time allows the panel to listen for a carrier response from the Quickloader modem (if no carrier is detected the panel simply hangs up). Two settings are included:

VOIP Mode Silent Time: The duration of wait time before the panel outputs a carrier tone. The value entered is in units of 250mS; the zero default is converted into 8 (2 seconds).

VOIP Mode Carrier Time: The duration of the control panel carrier tone output upon initial connection. The value is in units of 100mS; the zero default is converted into 30 (3 seconds).

Notes: This feature requires control panel firmware version 30M or later (GEM-P816, GEM-P1632, GEM-P1664, Freedom F-64), or firmware version 60A14 or later (GEM-P3200, GEM-P9600, GEM-X255). Enable this feature only if you are having problems connecting to Napco control panels remotely using Voice Over IP telephone lines that have the ISP sensitivity listed above. In addition, this feature must be enabled in the both the Quickloader account and in the control panel memory. The feature in the control panel can be initially set with a local download or with keypad programming.

Gemini GEM-P9600 Control Panel Options

"Manual Bypass Re-entry"

"Manual Bypass Re-entry Time"

These two features are designed for commercial applications where exit doors programmed as Day Zones are protected during the day, but access is permitted by personnel having a Bypass authority level that allows them to perform work tasks, such as accepting a delivery, etc.. When the door is closed, it will now automatically be unbypassed and come back into the system. If the door is propped open, an alarm or indication will sound at a programmable threshold time.

These two features, when used together, provide increased security, ensuring that a door that a worker has forgotten to unbypass will automatically be fully protected once it has been closed. It also provides a means of alerting security personnel of a door that an employee has inadvertently left open.

"Manual Bypass Re-entry"

Allows a manually bypassed Day Zone door to automatically re-enter the system (be unbypassed and re-secured) when the door is closed, eliminating the need for the user to go to the keypad to manually unbypass the door. See **"Manual Bypass Re-entry Time"**, below:

"Manual Bypass Re-entry Time"

The programmable **Manual Bypass Re-entry Time** allows a manually bypassed Day Zone to remain bypassed for the duration of the time setting. The **Manual Bypass Re-entry Time** begins when the bypassed door is physically opened and if the zone is not restored at the expiration of the **Manual Bypass Re-entry Time** a Day Zone trouble condition will announce at the keypad. Relay Outputs programmed for activation (such as the control panel Aux Relay or Remote Relays) will activate. If the zone is programmed to report upon alarm, it will do so, and the system must be silenced by code entry at the keypad. The system will maintain an independent time for each zone, allowing a maximum of 96 zones to be bypassed at different times and tracked independently.

Program as follows:

In **Zone Configuration**, program:

- **Auxiliary Output** for all Day Zones (optionally any remote relay may be programmed to activate on Day Zone Trouble)
- **Manual Bypass Re-entry**

In the **System Assignment** screen, **System Options** tab, program:

- **Reset day zone with arm/disarm only**

In the **System Assignment** screen, **Time Selection** tab, program:

- **Manual Bypass Re-entry Time** (may be programmed with a zero, or from 2 to 255 minutes)

EXAMPLES

If a Day Zone is violated, a Day Zone Alarm will occur.

- Keypad sounder activates
- Aux Relay activates
- Keypad display scrolls "Day Zone Alarm Zone XXX"

- To silence the keypad sounder, press **RESET**
- To clear the keypad display and reset the Aux Relay, enter User Code and press **ON/OFF**

Employee needs to open Day Zone protected door:

- At keypad, enter User Code, press **BYPASS**, (Bypass Enabled), enter the Zone Number, press **BYPASS**

Employee closes door when done (before expiration of the Manual Bypass Re-entry Time)

- Bypass is automatically removed from door
- Door re-enters the system and is Day Zone protected.

If the door is left open and the Manual Bypass Re-entry Time expires, the system will go into Day Zone Trouble

- Keypad sounder activates
- Aux Relay activates
- Keypad display scrolls "Day Zone Alarm Zone XXX"
- To silence keypad sounder, press **RESET**
- To clear the keypad display and reset the Aux Relay, enter User Code and press **ON/OFF**

Arming system at night with Manual Bypass Re-entry Zones Bypassed:

- If **Manual Bypass Re-entry** zones are bypassed, but zone is secure, they re-enter the system and be fully protected
- If **Manual Bypass Re-entry** zones are bypassed, but zone is NOT secure (assuming a broken contact or other malfunction), they will remain bypassed

When disarmed in the morning, any Manual Bypass Re-entry zones that had been bypassed, and not secure will cause a Day Zone Trouble to remind employee that the zone is violated and must be attended to.

- Keypad sounder activates
- Aux Relay activates
- Keypad display scrolls "Day Zone Alarm Zone XXX"
- To silence the keypad sounder, press **RESET**
- To clear the keypad display and reset the Aux Relay, enter User Code and press **ON/OFF**

New Keypad Assignment Type: "RCM" for iRemote-MOD Installations

A new Remote Control Module "RCM" keypad type selection is available for GEM-P3200, GEM-P9600 and GEM-X255 control panels,

to allow for the addition of the iRemote-MOD "keypad" to a control panel.

The iRemote-MOD allows a NAPCO panel to be controlled remotely through a subscriber account on the MyRemoteKeypad.com website, or an iPhone, iPad, Android device or BlackBerry running the MyRemoteKeypad mobile application.

The control panel keypad bus (3-wire or 4-wire selectable) is wired to the iRemote-MOD, and the iRemote-MOD is connected (via an RJ-45 cable) to a router that has access to the internet. Once identities are verified to ensure security, a link is established, allowing the control panel to be controlled remotely.

With the iRemote-MOD module wired to the control panel keypad bus, the iRemote-MOD is considered to be an additional "keypad" by the control panel, and therefore this "RCM" selection (shown in the image below) allows the control panel to be programmed to enable this additional "keypad" (iRemote-MOD module) in the system. This selection is located in the **Keypad Assignment** screen, **Keypad Assignment** tab.

Keypad Assignment for Account 9600 GSM : Gemini 9600

Keypad Assignment		Keypad Features		Keypad Configuration		Keypad Reporting and Outputs					
Keypad	Type	Area	Fire	Auxiliary	Panic	Ambush	EZ Arm	Remote Access Only	Log Remote Access	Panel Access	Tour Station
1	Burg	Area 1	☒	☒	☒	☒	☒	☒	☒	☒	☒
2	Burg	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
3	RCM	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
4	Wizard	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
5	Burg	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
6	Burg	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
7	Burg	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
8	Burg	None	☒	☒	☒	☒	☒	☒	☒	☒	☒
9	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
10	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
11	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
12	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
13	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
14	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒
15	Burg	None	☒	☒	☒	☒	☒	N/A	N/A	☒	☒

OK

Cancel

Apply

Help

Gemini C-Series (GEMC) V83A6 Features:

- **"Single Button Supplemental Reset"**

Relay Events activated on a *Trouble* or *Trouble Restore* may only activate outputs programmed as **Supplemental**. These outputs will be activated on the Trouble and the output will remain on until a GEMC-FK1 Fire keypad is unlocked and the Function Menu option "Reset Supplemental Output" is selected (optionally, the Supplemental Output relays may be reset outside of the Function Menu by simply pressing and holding the "zero" button on the keypad when the keypad is unlocked).

- **"Coded Cadence 4 Cycles only"**

When enabled, the number of repeated coded cadence alarm patterns is limited to 4 cycles (imitating coded boxes that only had enough spring capacity to turn the coded wheel 4 times). Enable using the keypad Direct Address Program Mode at address 5327 option 1 or program using PCD-Windows Quickloader in the **NAC/Output Assignment** screen, **NAC/Output Options** tab.

- **"Disable Panel Error Check Required Mode"**

Allows the dealer to choose to require a Quickloader error check be performed after programming the control panel. Enable using Direct Address Program Mode at address 5326 option 6 (enter a "1") or program using PCD-Windows Quickloader in the **Keypad Assignment** screen, **Keypad Features** tab. **Note:** Enabling this feature will trigger the Error Check required process and light the trouble icon when Program Mode is entered from the keypad; disabling this feature will suppress the Error Check process and icon. **Note:** Quickloader will automatically assign each Fire zone as a reporting zone whether this option is enabled or disabled.

- **"All Keypads Unlocked for Silence, Reset and Supp."**

When enabled, the **SILENCE** and **RESET** keys and the **Supplemental Relay Reset** key function (pressing and holding the zero keypad key) are continually enabled with all Fire keypads. Enable using Direct Address Program Mode at address 7952 option 8 or program using PCD-Windows Quickloader in the **Keypad Assignment** screen, **Keypad Features** tab.

- **"Horn/Strobe Simultaneous Silence"**

Allows the silencing of horns and resetting of strobes (when using Smart NAC appliances together) with one push of the **SILENCE** button (address 7952 option 6). This is a global feature and applies to all SMART NAC circuits, including those on the NAC Extender (GEMC-NAC7).

- **"Keypad 1 Always Unlocked for User Functions"**

When enabled, Fire Keypad #1 remains unlocked continually, allowing ALL User functions to be executed on Fire Keypad #1. These "User functions" include Fire system tasks such as acknowledging, resetting and silencing alarms, but do not include control panel programming changes. Enable using Direct Address Program Mode at address 7952 option 7 or program using PCD-Windows Quickloader in the **Keypad Assignment** screen, **Keypad Features** tab.

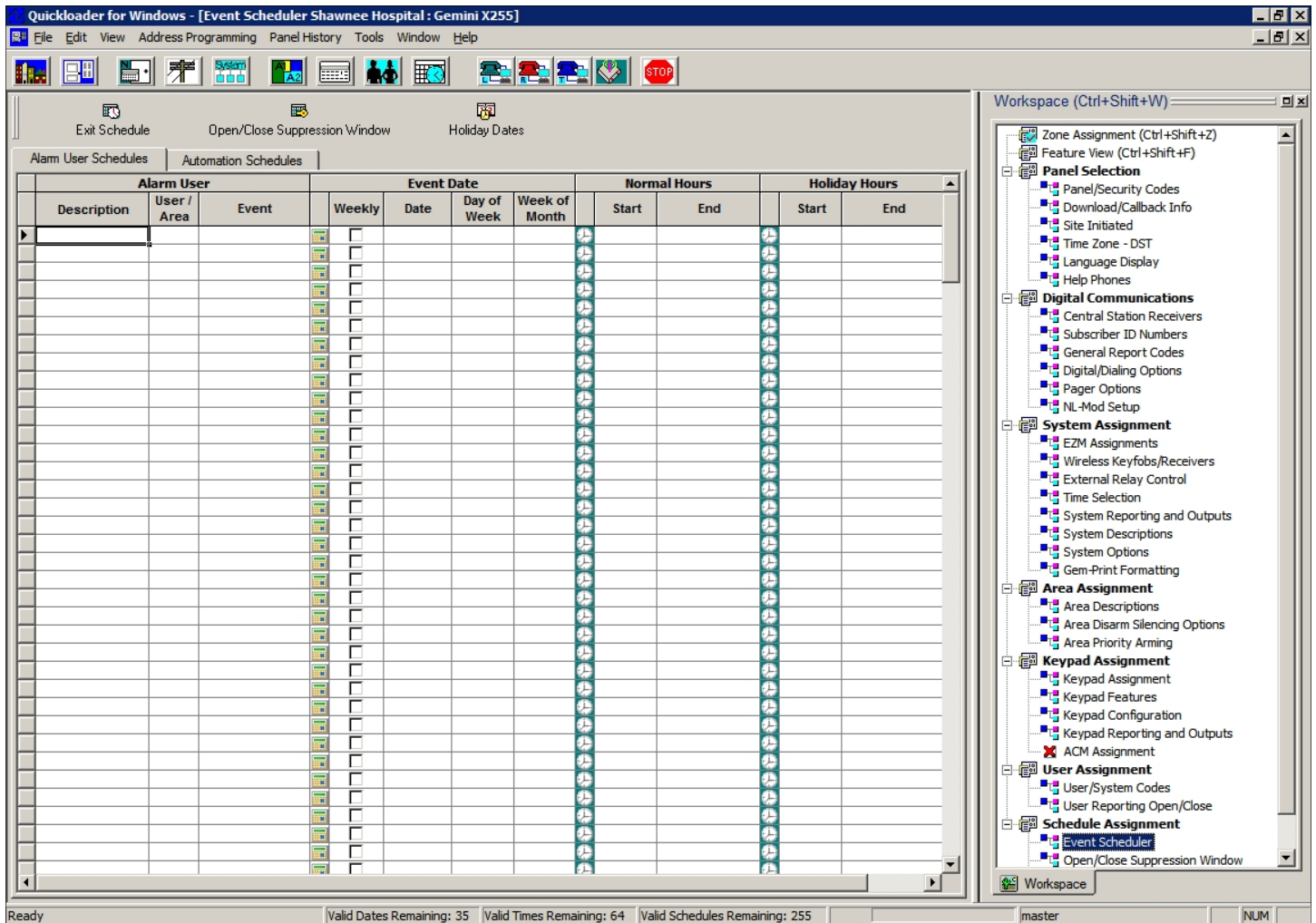
- **"Unattended Download Mode"**

When enabled, allows unattended downloading from a computer for Fire Alarm installations using PCD-Windows Quickloader software. This feature is enabled **ONLY** by (keypad) Direct Address Program Mode by an authorized Dealer regardless of the Remote Downloading Rules (see WI1673 Volume 1) and **CANNOT** be overridden by QuickLoader. This feature is disabled by default, and will not trigger an "Error Check Required" (E28) trouble message when enabled. Enable using Direct Address Program Mode by pressing "1" at address 8163. To inform the Dealer if this option was enabled via the keypad, PCD-Windows Quickloader (in the **Keypad Assignment** screen, **Keypad Features** tab) contains a non-functional **"Unattended Download Mode"** checkbox that is checked when enabled and grayed-out when disabled.

Note: Unattended downloading from a computer is **NOT** allowed for Fire Alarm UL installations.

Entering schedules has been simplified. To enter, click **Schedule Assignment**, **Event Scheduler**, or click the **Schedule Assignment** button:

→ ☒ Enable ACM Access



Automation Schedules

Enter **relay events** to activate at a date and time block.

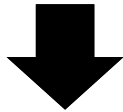
New Open / Close Suppression Window

Click the **Schedule Assignment** button, then click the **Open / Close Suppression Window** button:

The **Open/Close Suppression Window** is used to suppress the reporting of an Open/Close within specified individual daily blocks of time. The window is an entry grid with columns representing the weekdays (Sunday-Saturday) and rows representing each area's Open/Close for Normal or Holiday date entries.

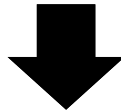


Open/Close Suppression Window



Schedule Assignment for Account Shawnee Hospital : G			
Open/Close Suppression Window		Holiday Dates	
	Sunday (Start-End)	Monday (Start-End)	Tue (Start-End)
1 Nrm Open	Not Set	Not Set	Not Set
1 Nrm Close	Not Set	Not Set	Not Set
1 Hol Open	Not Set	Not Set	Not Set

Click within
the cell



Uncheck to add or change
a window of time

Search

The MA3000 and GEM-P9600 control
panels include a **Search** button, allowing
you to re-use a value entered previously.



Schedule Time Template			
	Start Time	End Time	Duration
1	04:00 PM	08:00 PM	Today
2	03:07 PM	03:07 PM	3rd Day
3	05:00 PM	08:00 AM	Next Day
4	03:00 PM	07:00 PM	Today
5	03:07 PM	06:07 PM	Today

Note: Holiday Dates are special dates that you set up in the **Holiday Dates** tab. These Holiday Dates can be set with a different time block than the Normal date. A Normal date is any date that is not set in the **Holiday Dates** tab.

To add or change a window of time, simply click in the cell. An **Enter Time** dialog will appear.

From the **Enter Time** dialog, first uncheck the "No Time" check box, then select the start time, end time and end day. To delete the window, check the **"No Time"** check box. Click **OK** to save your changes.



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