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GEM-ACM Feature and Panel Compatibility Requirements

WI1611 3/07

The NAPCO ACM access control module is now compatible with the GEM-P3200, GEM-P9600 and GEM-X255 control panels.

Out of the box, the ACM is running firmware version V1, which supports the maximum number of users (total alarm users and proximity card users) of the respective control panel – see chart below. If the version 1 ACM is to be connected to a control panel running V60A firmware or greater, the control panel V60A EPROM must be replaced with the V50 EPROM (included).

If the application requires a greater number of users, or integration with the PCD-Manager application, the ACM must be upgraded to ACM firmware V2, included in the PCD-Manager kit, and PCD-Manager MUST be used.

PCD-Manager is an application for administration of the GEM-ACM system. It provides the user with control of system alarm users and proximity cards, group assignments and schedules. It also increases the system capacity to 1,000 users with a 6,000 access event history log. PCD-Manager includes (1) ACM upgrade EPROM and (1) control panel upgrade EPROM.

- PCD-Windows, V5.4.0 or greater must be used to program the control panel for an ACM installation.
- If upgrading a control panel to V50 or greater, the control panel must be currently running firmware V20 or greater.

ACM / CONTROL PANEL COMPATABILITY CHART							
CONTROL PANEL MODEL	PANEL VERSION	ACM VERSION 1 COMPATIBLE		ACM VERSION 2 & PCD MANAGER COMPATIBLE		MAX ACM MODULES SUPPORTED	MAX DOORS SUPPORTED
			MAX USERS		MAX USERS		
GEM-P3200	V50	Y	48	N	-	2	4
	V55	N	-	Y	1,000		
	V60A	N	-	Y	1,000		
GEM-P9600	V50	Y	96	N	-	4	8
	V55	N	-	Y	1,000		
	V60A	N	-	Y	1,000		
GEM-X255	V5	Y	195	N	-	4	8
	V50	Y	195	N	-		
	V55	N	-	Y	1,000		
	V60A	N	-	Y	1,000		

Summary of V60A Control Panel Firmware Features:

- **NL-MOD and NL-MOD-UL Capability** – V60A supports TCP/IP reporting to the Napco NetLink Desktop Software and UL Rack Mounted Central Station Receiver using the NL-MOD and NL-MOD-UL Modules.
- **PCD-Manager Capability** – V60A supports the PCD-Manager Access Control Firmware/Software Kit.
- **SE-I Control Capability** – V60A supports delayed zone response time for commercial environmental monitoring applications. See WI1047A for details.
- **Continental CA3000 Software Compatibility** – V60A is designed for integration with the Continental CA3000 Access Control System when using the NL-MOD or NL-MOD-UL.
- **Home Automation Capability** – V60A will communicate through the control panel serial port with third party automation systems.
- **AES Radio Reporting Capability** – The control panel will report event and zone information through the AES radio network.