

COMMS TASK FORMATS

This section provides programming information for specific Comms Task formats.

<u>Comms Format</u>	<u>Section Number</u>
Monitor	Comms- 1
Answer Call	Comms- 2
PC Direct	Comms- 3
IRfast Dialer	Comms- 4 *
Contact ID Dialer	Comms- 5 *
EMS	Comms- 6
EarthNet Direct Line	Comms- 7 *
Securitel	Comms- 8
Printer	Comms- 9
External Modem	Comms-10
Inet	Comms-11 *
Accept	Comms-12
Poll Data	Comms-13 *
PACOM	Comms-14
IRfast Backup Dialer	Comms-15 *
CID Backup Dialer	Comms-16 *
GSM	Comms-17
SpreadNet Wireless Interface	Comms-18
4+2 Pulse Dialer	Comms-19
Geoquip (Under development)	Comms-21
8 Pin (Under development)	Comms-22
C-Bus Serial Interface	Comms-23
Inovonics Wireless Interface	Comms-24

*** IMPORTANT NOTE:**

Please refer to Pages 3 and 4 for information on Contact ID Input Mapping, relevant to programming options in the following Comms Tasks formats:

-IRfast Dialer	Comms- 4
-Contact ID Dialer	Comms- 5
-EarthNet Direct Line	Comms- 7
-Inet	Comms-11
-Poll Data	Comms-13
-IRfast Backup Dialer	Comms-15
-CID Backup Dialer	Comms-16

Contact ID Mapping

Any Comms Task that has the ability to send data in the Contact ID format provides the ability to select the "Contact ID Map" that will provide the most suitable Input mapping for the site.

The following screen is used to determine the input mapping for the Comms Task.

CT001 Mapping -> Standard

In order to cater for different types of system configurations within the limitation of the number of points available in the Contact ID format, several input mapping options have been provided as follows:

- Standard
- MAP-1
- School 30
- School 19
- SIMS II
- Access-1 (V3 or later)
- Pacom (V3 or later)
- Standard-2 (V3.5 or later)
- School 19B (V3.59 or later).

The major differences between the maps currently available are as follows:

Standard	LCD Terminal Zones are reported on unique Zone points for LCD Terminals 1 to 9. LED Keypad Zones are reported on unique Zone points for LED Keypads 1 to 9. 32 Zone inputs can be reported from each of Expander Modules 1 to 9. 8 Zone inputs can be reported from each of Reader Modules 1 to 9.
MAP-1	Similar to Standard, except: LED Keypad Zones share the LCD Terminal Zone points. 16 Zone inputs can be reported from each of Expander Modules 1 to 18.
School 30	Similar to Standard, except: LED Keypad Zones share the LCD Terminal Zone points 16 Zone inputs can be reported from each of Expanders 1 to 30. No Reader Modules are reported.
School 19	Similar to Standard, except: LED Keypad Zones share the LCD Terminal Zone points 32 Zone inputs can be reported from each of Expanders 1 to 19. No Reader Modules are reported.
SIMS II	Takes advantage of SIMS II Automation system message mapping technique. All Zones/System inputs reported uniquely on any module type up to Module Number 35. Open/Close on up to 35 Areas with single client code, or up to 250 Areas with unique client code for each Area. Details of the mapping technique are provided in the Tables section under "SIMS II Alarm Report Mapping."

- Access-1** (V3 or later) This map accommodates the extensive use of Reader Modules and may be more suitable for larger installations that place particular emphasis on Access Control.
 LCD Terminal Zone points can be reported from each of the Terminals 1 to 10
 16 Zone inputs can be reported from each of Expanders 1 to 9 (E type).
 Reader Module Zone points can be reported from each of the Reader Modules 1 to 36.
 Big Expanders, Wireless Network Modules & Mini Expanders share the Expander Zone point numbers.
 No Intelligent Reader Modules or Analogue Modules are reported.
- Pacom** (V3 or later) This map is been specifically designed for the Pacom format. Please contact the Manufacturer for further details.
- Standard-2** (V3.5 or later) This map allows all Modules available on the system to report in some form. The map introduces new conventions to allow the Control Module and all the current 8 Types of LAN Modules to report. While all Module Types can be reported, the total number of Modules on the system and the limit of 999 Contact ID point numbers will restrict the number of any individual Type of Module that can be reported.
- A number of Inputs (mostly System Inputs) on some Modules are not reported with an individual point number. These inputs are grouped together and reported as "General Input Alarms".
 e.g. Keypad Lockout for all LCD Terminals (Txx:S07) is reported as Point number 98.
 Door Held for the 1st Door on all Reader Modules (Rxx:S04) is reported as Point number 93.
 All Zone Inputs and System Inputs on the Control Module, B type Expanders and E type Expanders are individually reported. (Wih the exception of "Program change" on E type Expanders. [Exx:S10])
 All Zone Inputs on Mini Expanders and Wireless Network Modules are individually reported.
- The Standard-2 Map splits the 999 available point numbers into blocks of 50 points.
 - Points 0 to 99 are reserved for the Control Module and "General Input Alarms".
 - Each of the different remote Module Types are then designated a "Starting block".
- Mapping tables for Standard-2 Map in each of the Memory Size and configuration options will be available on the Website.
- School 19B** (V3.59 or later) This map is very similar to School19 except that the System Inputs for all Expander Modules start at the same point numbers. In the School19 Map, the system inputs would start immediately after the last Zone Input on that module type.

For full details of Point Mapping for most options refer to the Tables section at the rear of this manual.

Additional Contact ID Mapping tables are available on the Website.

Note: LED Keypads not curenly available.