

Granta for Windows Version 4.2.20 With Integrated CCTV, TCP/IP Support and Visitor Manager

This note describes the release of version 4.2.20 of Granta for Windows. The changes since version 4.1.50 and current status are listed below.

Current Status

This major new release of the Granta for Windows software package includes three important new additions plus a number of improvements and minor changes since the previous release 4.1.50. A number of bugs have also been identified and fixed since the previous release. These are detailed in the bug fixes section.

New Additions

4877 Granta CCTV Manager Software

The Granta CCTV Manager software provides integration with the Molyx Visilynx and 600 series CCTV systems. The CCTV Manager has a software keyboard allowing direct control of the CCTV system from the PC screen. Presets can be configured and special functions such as wipers, washers, lights etc can also be controlled. It is also possible to set up event processing which automatically triggers actions on the CCTV system when certain conditions on the access control system exist e.g. a forced door or other input alarm.

Alarm Graphics also has a CCTV interface where camera icons can be configured allowing direct control of preset cameras. Alternatively "views" may be configured which will automatically display a preset shot on the access control system generating an alarm.

Configuration of the CCTV Manager is straightforward and the interface between the CCTV system and the PC is via RS232. If a Video capture card is installed in the PC it is also possible to provide a "spot monitor" on the PC screen.

The CCTV Manager software comprises two components as follows:

- CCTV Server – Only one instance of CCTV server must be running on the system. This is the licensable component and controls messages to and from the CCTV system.
- CCTV Manager – This can be installed on one or more workstations within the system and provides monitoring and management facilities. The license covers multiple workstations

4878 Granta Visitor Manager Software

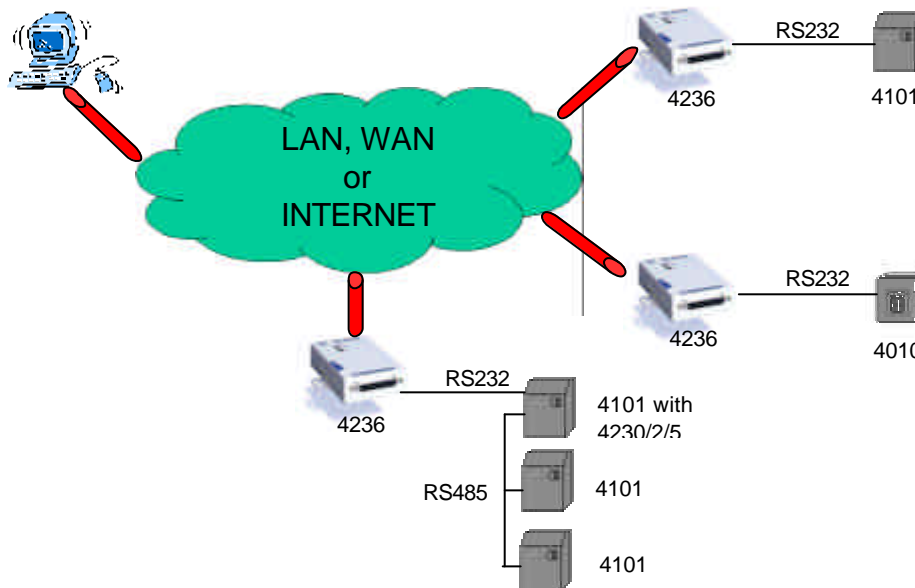
The Granta Visitor Manager software provides the facility for organisations to effectively manage visitor cards. Using this new functionality the traditional visitor book – required for health and safety regulations – can now be replaced with an easy to use software package. Card validation times can be defined to within one hour and new reporting capabilities allow tracking of visitor activities within the organisation i.e. who visited whom and when. A real time display of which visitors are on site is provided and a printed roll-call report can be produced by the click of a mouse.

The Visitor Manager software comprises two components as follows:

- Visitor Server – Only one instance of visitor server must be running on the system. This is the licensable component and controls the card validation times and login/logout functions
- Visitor Manager – This can be installed on one or more workstations within the system and provides monitoring and management facilities. The license covers multiple workstations.

TCP/IP Driver

Up until now connection of Granta controllers was carried out using RS485, RS232 and dial up modems. The addition of a TCP/IP driver dramatically changes this communications structure. The 4236 TCP/IP Module is a new communications device which when used with the TCP/IP driver allows either direct connection of individual controllers to a LAN or WAN, or connection of groups of controllers using a 4230/2/5 communications module.



The TCP/IP driver is supplied as standard with the core software. It only requires to be running on one workstation in the system with access to a LAN. In this way the driver can connect to all remote IP addresses, each one being treated as a separate hardware system. It is therefore necessary to purchase a 4874 Multiple Hardware Systems license before the TCP/IP driver can be run, this allows the installation of two or more separate hardware systems.

Configuration of the 4236 TCP/IP converter is straightforward but it will require the assistance of an IT manager. The TCP/IP driver does not support DHCP (dynamic allocation of IP addresses) and it will therefore be necessary to allocate and fix IP addresses for each module installed. These addresses will need to be supplied by the IT manager. Each module is then configured with its own unique IP address by using the DOS "ARP" command and finally establishing a "Telnet" connection to the device. This procedure is explained in detail in the 4236 installation note, but again assistance from the IT manager may be required.

Other New Features

A host of new features are included with the release of Granta for Windows version 4.2. These are described below.:

1. Launchpad displays status of System Manager/Comms drivers – Clock flashes red if there is a problem
2. Launchpad now displays Icons only if an Operator has permissions for that application
3. Validation dates in Cardholders changed – New tick box for permanently enabled cards, cards with start and end dates the same will be valid for one day only
4. Holiday date operation also changed – If start and end date are the same the card will be disabled for one day. The default for a new card is for this field to be blank
5. Default value for PIN field – The PIN field now has a default entry of ???? allowing user selection of PIN, the field also displays ???? until a PIN has been selected by the cardholder
6. New Reports
 - 6.1 Cardholder by access point – Shows who is allowed through a selected access point and which timeframes apply
 - 6.2 Time recording by card number – Compliments existing time recording by name report
 - 6.3 Audit Trail – Cardholder database changes – Who did what and when
 - 6.4 Cardholder by Cardholder ID – Only applies when Video Badging is installed – Cardholder ID is a field that can be filled with a unique identifier or “auto-fills” with a random number if no data is entered.
 - 6.5 System Data – General information on system including addresses, operators, hardware systems and PC
 - 6.6 CLIC report – Information on I/O settings
 - 6.7 Roll call by zone groups and departments – All records in all zones where last recorded location is less than 24 hours old – Useful where zone groups have not been defined
 - 6.8 Time recording and European directive reports now calculate over midnight. No cut off is applied except the system checks corresponding IN/OUT records are not 24 hours or more old.
7. Uninstall Program – Complete removal of Granta software from the PC including registry entries
8. Input objects on alarm graphics with system control – System objects monitoring an input will now allow system control i.e. enable/disable/shunt. Useful where alarm contacts are faulty and producing multiple alarms
9. New system alarm messages – Egress input and door open input now have tamper monitoring facility
10. Easier location of records – Typing in a name in dropdown lists (cardholders, access levels and reports) repopulates the list
11. Card Monitor enhancement – The Card Monitor (Monitor & Control application) now shows IN/OUT status. A card is deemed OUT if the card has been recorded at an OUT reader or the last recorded access point is more than 24 hours old. The monitor also shows last recorded access point when it is started – blank if more than 24 hours old
12. Printlog extraction tool – Allows extraction of data from a Printlog over a specified date range

13. History list editing – It is now possible to edit history lists i.e. data that is stored in drop down lists that are not created for a database. Eg department field in cardholders, alarm actions in system administrator
14. Alarm acknowledge text files – Text files can be created for alarm conditions using a standard Windows word processor e.g. notepad. These files are then associated with an alarm condition and upon acknowledgement are displayed to give clear accurate instructions to the guard

Bug Fixes

Since the release of V4.1.50 the following bugs have been identified and fixed.

1. Insufficient resources to open Access Configuration – Under certain circumstances this message was displayed after opening the help menu
2. Record locking on Site Codes – It was possible to enter two identical site codes within the site code screen which resulted in a “record locked” message being displayed when the screen was re-opened.
3. Alarm Actions no data input restriction – In the alarm actions screen it was possible to enter unlimited characters in the description field but only 50 were saved
4. Incorrect door status being shown in AG system control – Under certain circumstances incorrect door status was displayed
5. Can't resize objects when zoomed in – In Alarm Graphics if zoomed in and the object was at the right hand side or near the bottom it was not possible to resize it
6. Door closed but no alarm sound – If a door is forced the door forced sound was played and if the alarm was cleared the ongoing sound was played. If the door was then closed (thus clearing the alarm) the cleared sound was not played
7. Command error messages for trigger events greater than 128 – When starting alarm graphics status messages greater than 128 were sent to the system resulting in command error messages

Other Issues

To avoid confusion, the table below outlines the features within the Granta system that rely on messages being passed between Hardware systems. In most circumstances where hardware systems are distinctly split i.e. individual dial up sites, this functionality is not available.

	Global Antipassback	I/O Linking	Global Reconfigure
TCP/IP Driver	No	Yes	No
Comms Drivers	No	Yes	No
Modem Drivers	No	No	No

If you need further information please call us. Technical support will answer any technical questions.

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