



## UPGRADING FROM 2.0.X TO THE 2.5 RELEASE

Technical Note 003

09/04/2013

Priority *Important.*

Updated: 18/04/2013

Confidentiality *Distributors and installers*

Category *Hardware and software*

Firmware *V2.5.0.16523*

Software *V2.5.0.5853*

### Information

#### What to do if upgrading a site:

1. Backup the Integriti database.
2. Upgrade the software.
3. Upgrade LAN & UniBus module firmware.
  - i. Ensure all Integriti modules and UniBus modules are upgraded to the latest version.
4. Upgrade the controller firmware.
5. Make programming changes as required:
  - i. Determine whether "Door X enable Reed Input" is required for any pre-existing door. Enable the option as required on these doors.
  - ii. Where multiple reader modules are associated with a single door, clear the lock auxiliary from all of the reader modules excluding the module that will physically control the door.
  - iii. Change Menu Group programming record for Integriti CS.
  - iv. Change the controller EOL programming.

When upgrading the Integriti controller firmware and/or software, users should be aware of the following:

1. There is a new programming option to control if doors use the "Reed Input" of the physical access control module's hardware. The new option is called "Door X enable Reed Input" and is found within "Door Access Control" in the access control module's programming. When this programming option is enabled the "Reed Input" associated with this access control module will contribute to the operation of the door, and when it is disabled (default) the "Reed Input" is ignored.

All existing doors that use the reed input and are required to maintain its functionality will need a programming change to enable this option.

2. The "No Lock AUX" option has been removed from all access control modules, in "Door Access Control" where the door hardware options are configured. When multiple logical doors are associated with a single access control module's hardware, the Lock AUX should be programmed in the logical doors within "Advanced Door Configuration" to indicate which hardware is used. If the Lock AUX is on an access control module, then the "Reed" and/or "Tongue" from that hardware can be enabled/disabled with the door hardware options of "Enable Reed" and "Enable Tongue".
3. Card programming has changed and is now much simpler:
  - "Card Style", "Mag Format" and "Wiegand Card Type" have been removed from "Reader" programming.
  - "Wiegand Card Type" has been added to the "Card Format".

All readers using Wiegand type cards will need to program the “Wiegand Card Type” in the “Card Format” used by the reader.

Pre-existing “Card Format” records will have the default option “N Bit” assigned to the “Wiegand Card Type” option.

4. When upgrading the Integriti controller firmware, users should upgrade the firmware of all attached UniBus modules first.  
At the time of writing, the only firmware available for upgrading UniBus modules is for the Integriti UniBus 8 Zone Card.
5. Earlier Integriti controllers were released with a USB VID PID that is no longer used. The USB VID PID is the unique information that USB devices use to identify themselves.  
After upgrading an Integriti controller and reconnecting the USB cable to a computer, it will now be seen as a new virtual COM port number.

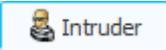
If you are connecting the controller via USB to a machine that has Integriti server software running on it, the software will try to allocate the com port unless the software has the controller’s “Preferred Connection Type” set to something other than USB.

6. System administrators should be made aware that the Integriti server address and port number are stored in the registry. Workstations should be given write access to:  
`HKEY_LOCAL_MACHINE\SOFTWARE\Inner Range\Integriti\Client`
7. A new Menu Group programming option was added to the 2.5 firmware release. This option allows installers using the Integriti CS software to connect to the controller. Installers will need to log in to the controller using a user with the Menu Group programming option Installer Access enabled.

#### Enabling the remote installer option from the terminal...

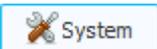
- |   |                       |
|---|-----------------------|
| 1. Enter your PIN followed by OK:                             | [0], [1], [Ok]        |
| 2. Go in to Menu Group programming:                           | [Menu], [2], [4], [1] |
| 3. Use the up/down directional arrows to select a Menu Group: | [▲] / [▼]             |
| 4. Go to the Remote Access Permissions:                       | [Ok]x13               |
| 5. Ensure the ‘I’ option is set to ‘Y’:                       | [▶]x5, [9], [Ok]      |
| 6. Log out:   | [End]                 |

#### Enabling the remote installer option from the software...

1. Click on the  Intruder tab followed by .
2. Double click the Menu Group that belongs to the user that will be used to authenticate with when using the Integriti CS software. The Editor Window for the Menu Group should appear.
3. Expand out All Menus.
4. Tick Installer Access.
5. Save and close the editor window for the Menu Group.

8. Integriti controllers may require changes to the EOL configuration.

#### Changing the controller EOL configuration from the software...

1. Click on the  System tab followed by .

2. Double click the 'Concept3K' EOL configuration. The Editor Window for the EOL configuration should appear.
3. Ensure the resistance fields are configured as follows:

▲ Ranges	
Resistance 1 (Ohms)	<b>1567</b>
Resistance 2 (Ohms)	<b>4700</b>
Resistance 3 (Ohms)	<b>14100</b>
Resistance 4 (Ohms)	<b>65535</b>
Resistance 5 (Ohms)	<b>65535</b>
Resistance 6 (Ohms)	<b>65535</b>
Resistance 7 (Ohms)	<b>65535</b>
Resistance 8 (Ohms)	<b>65535</b>

4. Save and close the editor window for the EOL configuration.
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