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## Pyronix Evidence of compliance to Annex C (below) of BSEN50131-3:2009

A degree of control of the I&HAS may be duplicated by a device not part of the I&HAS (EXAMPLE: a computer or PDA). The CIE may provide a logical gateway for the connection of such a device, which may be connected by any suitable means, be fixed or portable and be located in or remotely from the supervised premises.

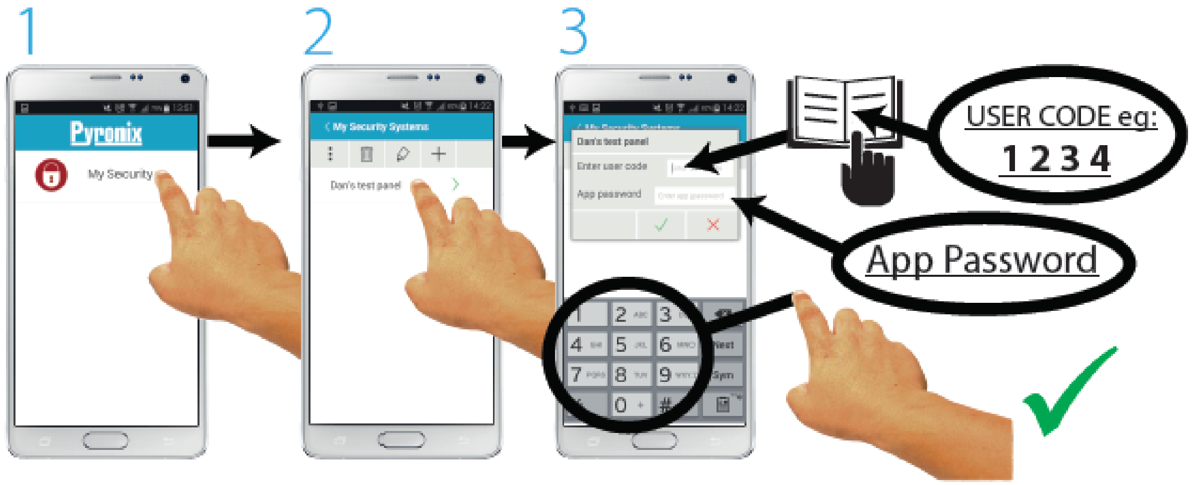
The communications software protocols shall ensure that substitution, message security and authorisation integrity comply with the requirements of table C1.

The control device may be configured to operate with more than one I&HAS or other system(s).

All system actions initiated from the non-I&HAS interface shall be uniquely identifiable in the CIE event log.

Because of the nature of the connections and protocols used, some I&HAS system requirements are inappropriate (e.g. secure software protocols to replace the need for tamper protection) and therefore the following modified conditions shall apply to the non-I&HAS interface and connections thereto:

**Table C.1 - Conditions for use of non-I&HAS interface for control and indicating purposes**

| **EN50131-3 clause** | | |
|---|---|---|
| 7 | Environmental requirements | Not applicable |
| 8.3.2 | Authorisation | Access to the communications software at the non-I&HAS interface shall comply with this requirement |
| | Authentication | Initiation of communication between the non-I&HAS interface and the I&HAS shall have authentication equivalent to the requirements of clause 8.3.2 (Permission to gain access to functions of an I&HAS shall be restricted by the use of authorisation codes or equivalent means as specified (10,000 differs in grade 2). |
| 8.3.2 Authorisation/ Authentication – the user has to input both his user code and the app password as per the below, it is therefore the user code that gives this compliance (so for a 4 digit code this is 10,000 differs/ there is also the option for 6 digit, giving 100,000 differs), we also recommend that the app password is as per the below (taken from the manual): -<br>NOTE: When creating passwords, please ensure that the password uses a variety of upper case, lower case, numbers and symbols to ensure the best security possible.<br><br> 1<br>2<br>3<br>Pyronix<br>My Security<br>My Security Systems<br>Dan's test panel<br>Enter user code<br>App password<br>USER CODE eg:<br>1 2 3 4<br>App Password | | |
| 8.5.1 | Indications | Indications at the non-I&HAS interface may be considered as equivalent to a mimic panel (see clause 8.5.1 Note 2, which states If a mimic panel is used, the indications may be available with no restriction to provide |

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|---|---|---|
| | | a tool for security management. In this case, according with the specific need of the installation, general access to the mimic panel should be restricted (EXAMPLE: inside security room, inside key locked cabinet)). |
| 8.5.1 Indications – a user code and app password is required before permissions to the app is granted, this is equivalent to level 2 access, and the app also times out after 5 minutes of inactivity. | | |
| 8.7.3 | Timing requirements | The grade 3 requirement shall apply additionally at grades 1 and 2 * (clause 8..7.4 from EN 50131-1) |
| The app cannot be substituted as it needs setting up on each device via the cloud. | | |
| 8.8 | Monitoring of interconnections | The requirement of EN50131-3 clause 8.8.3 (table 16) is not applicable to portable devices |
| 8.8 | Security of communication | The requirement of EN50131-1: 2006, 8.8.5 (Table 19) shall apply at all grades |
| 8.8.5 Security of Communication<br>Encryption is to AES 128. | | |
| 8.11 | Power supply | The requirement of EN50131-1: 2006, 9.2 for APS is not applicable. |
| * - If the device does not include the capability to provide input to the I&HAS, this requirement is not applicable. | | |