# **Interface control document (I/F 2):**

This interface control document is the network interaction between the Alarm panel and the Back-end security software.

# Network requirements:

Transmission Control Protocol, TCP, to be used to send data from Panel to backend services.

For network connection:

1. The Alarm panel will send out a broadcast command over User Datagram Protocol, UDP. (Port 7000)
2. The Back-end server will then send it’s IP over UDP to the alarm panel
3. A TCP Connection will be set-up between the server and the alarm panel. (Port 7000)
4. Communications will then take place according to the protocol requirements below

# Protocol requirements:

Protocol payload fields:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Protocol ID (‘1B’) | Client ID | Date | Time | Section code | Parity |

The payload fields will be “#” separated.