

App Note 143

HAI device unit ids

If you are transitioning an installation containing devices that you configured using the HAI/Omni PC-Access program, there is an important fact to know.

In a UPB installation each device contains two pieces of information that identify it: The network id and the unit id. All devices in the same installation will have the same network id. Each device should have its own unit id. No two devices should share a unit id.

When operating in the HAI/OMNI world any number of devices could contain that same device id. That wasn't a problem because their setup software doesn't really require unique unit ids. In fact, it has been a common practice when needing another keypad installed that operates the same as an existing keypad to just clone that existing keypad with all settings, including the unit id, into the new keypad.

Unfortunately, if you have this situation there will be many problems when using all the configuration and testing tools provided by PCS. For example, any communication testing tools will not work if you are testing a device that shares a unit id with others. Also, should you desire to change the configuration options in one of these devices, it will be difficult to do.

It is best, when converting an installation away from PCS-Access, to verify that all devices have separate unit ids. If you find some devices that share a unit id, factory reset them and then use UPStart to re-add them to your UPB network.

Key points:

- Each device in a properly installed UPB network must have a unique unit id.
- HAI/OMNI installations sometimes have devices that share unit ids.
- Resolve this by factory resetting those devices and then re-add them, UPStart will assign them unique
 unit ids during the add operation.

##end##



