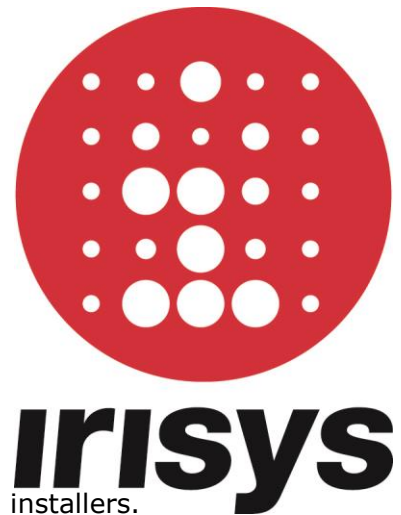


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Irisys People Counters

Technical Bulletin



14th November 2014.

Issue: **09**

Introduction

Welcome to the latest technical bulletin for our people counter users and installers. Remember to let me know if you would like to see anything in particular in these bulletins. Mike.

Gazelle 'Defaults' Button

It has recently come to light that a few people did not realise that the **Gazelle** counters have a built in reset button. This is actually recessed into the hole, located in-between the Red and Green LEDs, and you'll need a folded out paperclip or similar inserted into the hole to be able to press it. Essentially, the button has two uses:

- A short press will start the two LEDs flashing alternately. Releasing the button at this point will reset the IP details (address, subnet mask, and gateway) to the default values. This is handy if you need to communicate with the unit but don't know the IP address or have a serial cable! Note that this is a temporary configuration, so if you power off and back on again, without applying any new settings, then the original IP details will return.
- If you keep the button pressed for longer, while the LEDs flash, after about 5 seconds, the unit will reboot. When back online the counter will now have all of its settings reset to default, including IP details but also all of the counting functionality – line positions, height, X & Y's, tuning settings – everything. Take care that you do not hold down the button too long when doing an IP details reset only, as this one is a permanent change!



For more details, see the section entitled, "Finding out a Counter's IP Address" in the main 'PCST User Guide' document (IPU40521) available from the partner portal.

This is another feature that we have incorporated from our customer feedback work - so keep those requests coming!

Gazelle Date & Time Retention

It is also worth mentioning that the **Gazelle** counters do not have a battery to hold the date and time (unlike the 3000 series IP units before them) – instead, they have what is called a 'Supercap'. This is basically a large capacitor which gets charged up when the counter is powered on and then slowly discharges when the counter is switched off. The discharging of the capacitor is enough to keep the date and time going - but not for ever.

Due to the way the supercap works, it will charge up to about 80% capacity in as little as an hour and if powered off at this point the date and time will continue to be held for 7 or 8 days, but to get to 100% charge - and about 10 days' worth of date and time - takes many days. So one thing to bear in mind, is, if you set the date and time in your office, and then ship the unit to site, it will probably need to be re-configured if it's not installed and powered up again within 7-10 days.

A supercap was chosen for the **Gazelle** series units because most carriers now refuse to ship lithium batteries. This is also the reason why the older 3000 series units no longer ship with batteries. This meant that a supercap was the best way to go and their shorter discharge times when compared to a battery are fine for the normal smaller periods of power outage. Also, you now never need to replace any batteries on site.

Note that your data collection software should ideally incorporate a time checking and setting function as part of the data collection routine in order to correct for issues such as these and any clock drift that might naturally occur over time.

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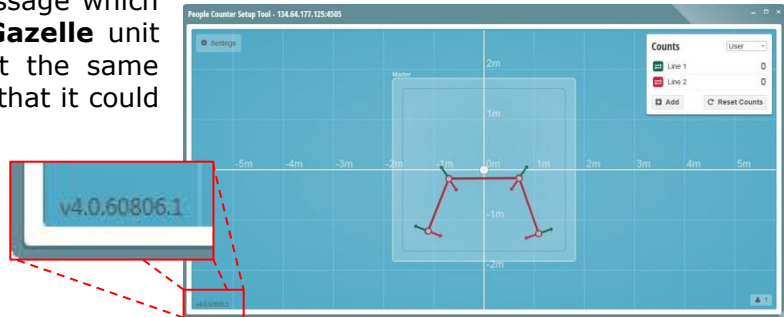
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Irisys PCST Software Update

Following on from the update back in July, there is now another new version of the PCST software. This version fixes a few underlying issues, with the main visible change being the removal of the 'Connection Paused' message which was displayed whenever a connected **Gazelle** unit connecting to another software tool at the same time. If you've seen it then you'll know that it could be pretty intrusive and annoying!

Remember that this version is compatible with both 3000 and **Gazelle** series units, so is the only one version you'll need to install on your laptop.



The version is always shown in the bottom left corner of the main exe window. 4.0.60806.1 is the latest version, available from the Partner Portal right now. <http://partnerportal.irisys.co.uk/>

Irisys Validation Tool Update

To coincide with the PCST update (above), a new version of the Validation Tool software is now available which also removes the annoying 'Connection Paused' message. This version actually goes much further with additional functionality:

Easy access to path map, recording timing and system/user counts

System counts bar allows for easy identification and location of issues

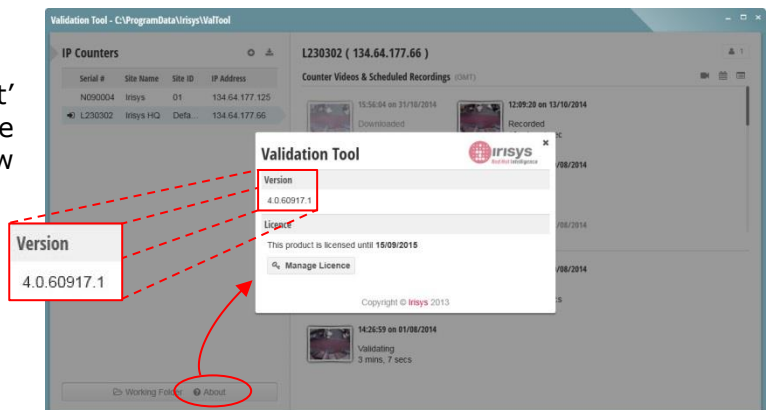
User Count editing

Improved speed control

Navigation through a recording using configurable Bookmarks

The version is always shown in the 'About' page accessible using the button in the bottom left corner of the main exe window (note the ability to change the working folder now too).

4.0.60917.1 is the latest version and is available now from the Irisys Partner Portal.



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