

Introduction to Contronics Interfaces:

Guardus Interfaces:

Interfaces are devices used to download the information from tour verification devices to the computer software being used. They are also used for setting the operational aspects of the tour verification device and for reading the unique serial numbers in iButtons & RF-Tags. Contronics is known for having the greatest variety and more choices for downloading information from remote locations.



Collector GPRS:

The **Collector GPRS** is a portable device used for downloading, storing and transmitting information from tour verification devices to the monitoring station or your company's headquarters via a mobile data network in real time.

If there is no mobile coverage when the information is collected from the tour verification device, the information is stored in the Collector GPRS that will transfer it as soon as coverage is available.

For mobile communication you need to insert a GSM SIM from your mobile provider that has data network access.

Should you use it to monitor patrols, when a patrol officer touches Guardus G3 or Traxxer T3 against the Collector GPRS, or when the Guardus G7 or Traxxer T7 is aligned to the infrared port, the information will automatically download to the Collector GPRS' memory. Soon after that, the Collector GPRS will transfer it via the mobile data network (when available) to your companies headquarters or central monitoring station.

The non-volatile memory in the Collector GPRS can store up to 500 downloads from tour verification devices without mobile data communication available.



Collector GPRS receiving data from a G3 Guardus to be immediately relayed to the central station by cell phone.

Collector GPRS Specifications	
Communication	GSM cellular using the data channel, a mobile data plan and internet access is required.
Cellular technology	Quad-band
Power source	Rechargeable battery. Expected battery life is 7-days between recharges
Storage capacity	Up to 500 Traxxer or Guardus downloads
Battery removal sensor	Yes
Compatible software	Guard On-Line is recommended. Is compatible with PROGuard with Comm PC Suite for PROGuard
Material	Polycarbonate body with rubber details/grips



Technology Made Simple



The Collector and Collector GPRS can be safely and securely stored in a nylon holster that is attached to a belt.

Collector:

The Collector is a portable device used to carry tour verification device information, from the checkpoints to a computer. Previously, the supervisor would have to go to the security posts, collect all of the tour verification devices and then take them back to the company's headquarters where they were downloaded. Then the tour verification device had to be taken back to the security posts. Meanwhile, the patrol officer couldn't perform any tours! The Collector has enabled businesses to stop this expensive operation! Now the supervisor does everything in one visit, including download the information from the tour verification device. The supervisor is then able to download information from hundreds of tour verification devices before returning to the office, where it is then transferred to a computer. The Collector is identical to the Collector GPRS but does not have mobile communication. It is lightweight and ergonomic. It comes with a nylon holster, which allows it to be easily and securely carried at all times. Powered by two standard AA batteries, the Collector does not need to be recharged with a cigarette lighter, which would make its use non-viable for supervisors who travel on motorcycles or when it is already in-use by other equipment. The Collector's memory stores up to 510 downloads. Once the information is stored, simply connect a mini-USB cable to the Collector and download it to a computer.

The supervisor goes to the security posts where the information is downloaded to the Collector or Collector GPRS from the tour verification devices. When the supervisor returns to base, the information is then transferred to a computer by simply plugging in a USB cable. The whole process is easier than downloading photos from a digital camera.



Remote Wi-Fi:



The Remote Wi-Fi allows Contronics tour verification devices to download information to a computer at your companies headquarters or to Guard On-Line via standard Wi-Fi (802.11g and 801.11b)

It is very common for customers of security companies to not allow third party equipment to be plugged into their data networks and internet connections. But these same companies often provide internet access via their wireless (Wi-Fi) networks. The most common case is with bank branches - IT (Information Technology) professionals of the banks simply do not allow the company responsible for security of their branches to connect any equipment into its standard internal network as they are concerned about security. This does not happen when it comes to Wi-Fi networks where there is no vital information being transferred.

The Remote Wi-Fi is a good option for the transmission of the patrol information in real time when the patrol officer works at a fixed location. We believe that Remote Wi-Fi is a unique product and that there isn't another similar product in the global security market.

It comes with configuration software that is very easy to use. The Remote Wi-Fi has communication via infrared and 1-wire so you can download information from all Guardus devices.



A Guardus G3-V9 being downloaded via a Remote Net

Remote Net:

The Remote Net allows patrol information collected by a Contronics iButton tour verification devices to be downloaded to a computer in your company's headquarters or Guard On-Line via wired networks and the internet (with TCP/IP). It is an economic solution to download the patrol information by sending it immediately to the headquarters of your company or to Guard On-Line. The Remote Net has an RJ45 connection on the back panel of the device.

Remote Modem:

The Remote Modem allows you to download the patrol information collected by Guardus iButton tour verification devices from a conventional landline. It is recommended for remote areas where you can't get a network connection or a mobile internet service.

The patrol officer simply places the tour verification device on the Remote Modem and it will instantly start the downloading process then notify when the transmission is completed. The information can be downloaded to any computer that has a dial-up internet/fax modem installed. By using the Remote Modem you will save time and money by not having to remove the tour verification devices from the assigned locations.





Download iRF:

The Download iRF allows the tour verification device downloads and settings functions to be performed via a USB port in the computer. The Download iRF also allows easy reading of the serial numbers from iButtons and RF-Tags. The Download iRF is Contronics recommended interface for downloads where there is a computer available for use with PROGuard or Guard On-Line Desktop.

A Guardus G3 Classic downloading information using a Download iRF



Connect:

Connect allows the patrols to be monitored **in real time by any alarm monitoring station**. Connect is attached to two zones of any of the sensors like PIR (infrared sensor). Connect automatically copies all patrol information from the Guardus iButton tour verification device to its own non-volatile memory. In other words: Connect knows the tours the patrol officer is supposed to perform, the checkpoints the patrol officer is supposed to visit and when the patrol officer is supposed to visit them.

Soon after completing each tour, the patrol officer places the Guardus device into the Connect downloader. If the patrol was successfully completed, the Connect will connect with Zone 1. The alarm panel will send a "Contact ID" message to the central monitoring station that can display on-screen and in the reports that the patrol was successfully completed. However, if the patrol officer does not complete the patrol correctly and/or by the time it needs to be completed by, Connect will connect with Zone 2 and the central monitoring station will receive a "Not completed" or "Tour Fail" message on-screen and in the reports.

Connect allows your support staff to follow the patrol officers in real time. It also adds great value to the electronic tour control as it does not require frequent checks of patrol officers by supervisors.



Technology Made Simple



USB Download Cable:

The USB Download Cable is the low cost interface in the Guardus line. It allows you to download and set-up the Guardus tour verification devices with a computer. To use the information downloaded, you just need to install Contronics desktop software (Guard On-Line Desktop or PROGuard), or it can be sent directly to Guard On-Line Web.

It can read iButtons, as long as it is placed directly in contact with the tip. Its only limitation is not being able to read RF-Tags.

USB Download Cable with Infrared:

The USB Download Cable with Infrared is the same as the USB Download Cable but it has an infrared port that allows you to download and set-up Guardus G7 devices in addition to other Guardus iButton devices like the Guardus G3 Classic and Guardus G3-V9.



iButton Events Wallet and RF Events Wallet:

The iButton Events Wallet is a nylon or leather wallet with 12 iButtons, numbered from 0 to 9 plus “CLEAR” and “ENTER”. With Guard On-line or PROGuard software, you can record the most common events and incidents that may happen during a patrol officers tours or during visits of other staff. When at a location with a checkpoint, the patrol officer reads the iButton or RF-Tag checkpoint that is installed at the location with the tour verification device. If the patrol officer notices any irregularity or needs to record additional information, the patrol officer can take out the events wallet and read the numbers that corresponds with that event or incident. Let’s say that there is a broken window incident with the code “45”, if the officer wants to or needs to include this information with the patrol reports, he will read with his tour verification device the number “4” then the number “5” before reading “ENTER”. If he wants to inform a second event or incident at the same location, the officer then repeats this process with the corresponding code to the event or incident being recorded. Every incident recorded can be included on the reports in plain text – not as a code.

iButton Events Wallet



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A Guardus G7 reading an RF-Tag Events Wallet.

The Events Wallet can also be used to inform numerical values: For example, to read electricity measurements. After reading the checkpoint installed next to a power meter, the patrol officer reads the events wallet numbers that correspond to that reading. Another example is the monitoring of in-the-field employees such as maintenance technicians for air conditioning or elevators as an example. The technician can include the codes for every part that is replaced simply by reading the numbers that corresponds in the Events Wallet with the tour verification device. The RF-Tag Events Wallet is identical to the iButton Events Wallet but it uses RF-Tags instead of iButtons.

Interfaces for the Traxxer Line:



A Traxxer T3 downloading information using a Download Traxxer USB

Traxxer Download USB:

The Traxxer Download USB has the same functionality as the Gardus Download iRF but with some additional features.

It allows the setting up of the Traxxer tour verification devices (except the Traxxer T1 that does not support iWT Technology). The Taxxer T3 is inserted in the reader with the front end facing down and there is no need for it to be specially aligned. Simply place the Traxxer T3 inside.

The rear of the Traxxer T7 is placed inside the downloader. When the infrared port aligns itself with the Traxxer Download USB correctly, the rim lights up indicating that the Traxxer T7 is correctly inserted and aligned with the downloader. Simple and easy!

The Traxxer Download USB also reads iButtons and RF-Tags. It does not require an external power source, simply connect it to a USB port on the computer and it will send the information to Guard On-Line.

Traxxer USB Cable:



The Traxxer USB Cable is the low cost interface that is part of the Traxxer line. It has a 1-wire interface (no infrared interface is available with the Traxxer USB Cable) and it is especially recommended to be used with the Traxxer T1 tour verification device. With just a little trick or by replacing the tip, it will read iButtons also.