Itron FCT Field Configuration Tool User Guide
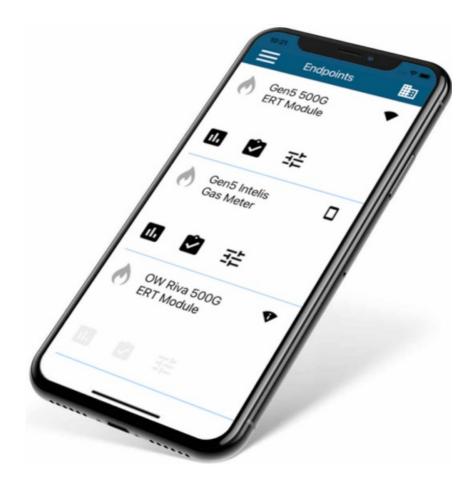
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Itron FCT Field Configuration Tool

Confidentiality Notice

Confidential Information of Itron®, Inc., provided under nondisclosure obligations. The information contained herein is proprietary and confidential and is being provided subject to the condition that (i) it be held in confidence except to the extent required otherwise by law and (ii) it will be used only for the purposes described herein. Any third party that is given access to this information shall be similarly bound in writing.

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Important Safety and Compliance Information

This section provides important information for your safety and product compliance. FCC USA intentional radiator compliance statement This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC USA un-intentional radiator compliance statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

ISED Canada compliance statements

Compliance Statement Canada

Under Innovation, Science and Economic Development Canada
(ISED) regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Innovation, Science and Economic Development Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Modifications and Repairs

To ensure system performance, this device and antenna shall not be changed or modified without the express approval of Itron. Per FCC and ISED rules, unapproved modifications or operation beyond or in conflict with these instructions for use could void the user's authority to operate the equipment.

Modifications and Repairs

Warning! This unit cannot be modified and is not repairable. Attempts to modify or repair this module will void the warranty per FCC and ISED rules

Electromagnetic Compatibility

Warning! Use only approved accessories with this equipment. Unapproved modifications or operation beyond or in conflict with these instructions for use may void **authorization by the authorities to operate the equipment.**

Electrostatic Discharge

Warning! Internal circuit components can be sensitive to electrostatic discharge. Before installation, discharge electrostatic buildup by touching a metal pipe or other earth-grounded metal object prior to touching the meter body, register housing, or Itron device.

Do Not Drop

Warning! While Itron modules are designed to withstand a drop, dropping the module may damage the device and void the warranty.

Installation and Operation

Applying Power

The FCT receives it power to operate via the 5 V DC on the attached USB-A cable. Plug the USB-A connector into the controller, laptop, tablet, etc. that will be used. There is no indicator on the FCT, when the appropriate apps on the controller are run, they will indicate if the FCT is communicating.

Operation:

- Attach FCT USB cable to an open port on the laptop/tablet/controller
- Start the Itron application that uses the FCT (NIFT or other tool)
- Using the appropriate application menu connect to the attached FCT
- Perform tasks as appropriate for the application in use.
- When tasks are complete disconnect FCT in the Application, disconnect the USB cable from the controller and store the FCT.

Performance

For best performance hold the FCT in an upright/vertical orientation and clear of obstacles in the direction of the intended utility endpoint.

Documents / Resources

Itron FCT Field Configuration Tool [pdf] User Guide
FCT, EWQFCT, FCT Field Configuration Tool, Field Configuration Tool, FCT Automatic Meter Reading Configuration Tool