



Tech note

Upgrading to an EN7580 TapWatch Gateway

Introduction

This document provides the procedure for upgrading from an Inovonics DCC8500 data concentrator and communicator (DCC) or RDL8500 remote data logger (RDL) to an EN7580 TapWatch gateway.

Upgrade Instructions

The upgrade instructions will differ depending on the type of TapWatch system currently being used.

TapWatch 2

1 Collect the following system information to provide to Inovonics technical support at support@inovonics.com:

- A TapWatch 2 .bak backup file for the property. To produce the backup file:
 - a. Open TapWatch 2.
 - b. Highlight the property to be backed up.
 - c. Click Backup.

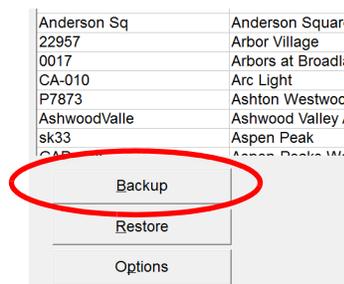


Figure 1 Create a .bak backup file for the property

- Whether the system contains Echostream or frequency agile (FA) devices.
- A TapWatch 2 system can only include EchoStream or FA devices. If you aren't sure which your system includes, check the receiver wired to the DCC. If it is an EN6540 network coordinator, then it contains EchoStream devices. If it is an FA403 serial receiver, then the system includes FA devices.
- The new EN7580 TapWatch gateway's authorization code.

- This is an eight-character alphanumeric code found inside the gateway on a white sticker underneath the Ethernet port.

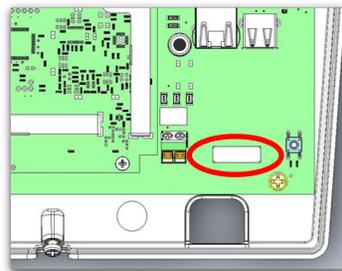


Figure 2 Locate the TapWatch gateway's authorization code

- The time zone where the site is located.
 - The name of the organization to which the site is assigned.
- 2 Email Inovonics technical support at support@inovonics.com with system information.
 - 3 Unplug the DCC8500 data concentrator from the wall outlet.
 - 4 Remove the phone line from the DCC8500.
 - 5 Disconnect power wires from the DCC8500.
 - 6 Disconnect the FA403 receiver from the DCC8500.
 - 7 Dismount the DCC8500 from the wall.
 - 8 Mount the EN7580 TapWatch gateway in place of the DCC8500.
 - 9 Connect FA403 receiver to the EN7580 TapWatch gateway, replacing old looking wires as needed.
 - 10 Connect an Ethernet cable to the gateway.
 - If the gateway lights up, then it is receiving power via PoE, and does not need to be wired to the included transformer. If this is the case, you can skip step 11 and 12; the procedure is complete.
 - 11 Connect power cabling between gateway and transformer.
 - 12 Plug the transformer into the AC outlet.

TapWatch 3

TapWatch 3 sites use an RDL connected either via phone line or Ethernet. The upgrade procedure differs depending on the connection method.

Connected with a Phone Line

1 Collect the following system information to provide to Inovonics technical support at support@inovonics.com:

- A TapWatch .sdf backup file for the property. To produce the backup file:
 - a. Open TapWatch 3.
 - b. Under Property List//Details, right click the property to be backed up.
 - c. Click Backup Selected Property.

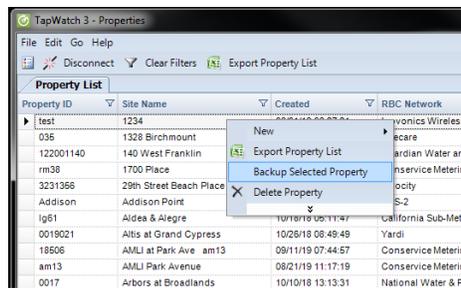


Figure 3 Create an .sdf backup file for the property

- The new EN7580 TapWatch gateway's authorization code.
- This is an eight-character alphanumeric code found inside the gateway on a white sticker underneath the Ethernet port.

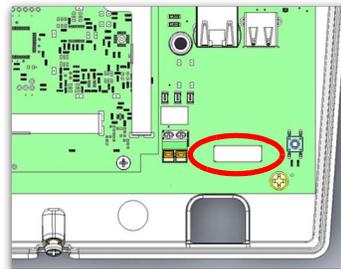


Figure 4 Locate the TapWatch gateway's authorization code

- The time zone where the site is located.
- The name of the organization to which the site is assigned.

2 Email Inovonics technical support at support@inovonics.com with system information.

3 Unplug the RDL8500 remote data logger from the wall outlet.

- 4 Remove the phone line from the RDL8500.
- 5 Disconnect power wires from the RDL8500.
- 6 Dismount the RDL8500 from the wall.
- 7 Mount the EN7580 TapWatch gateway in place of the RDL8500.
- 8 Connect an Ethernet cable to the gateway.
 - If the gateway lights up, then it is receiving power via PoE, and does not need to be wired to the included transformer. If this is the case, you can skip step 9 and 10; the procedure is complete.
- 9 Connect power cabling between gateway and transformer.
- 10 Plug the transformer into the AC outlet.

Connected via Ethernet

- 1 Collect the following system information to provide to Inovonics technical support at support@inovonics.com:
 - The RDL's serial number (Example: SSN002294).
 - The new EN7580 TapWatch gateway's authorization code.
 - This is an eight-character alphanumeric code found inside the gateway on a white sticker underneath the Ethernet port.

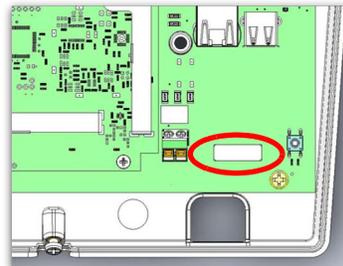


Figure 5 Locate the TapWatch gateway's authorization code

- The time zone where the site is located.
 - The name of the organization to which the site is assigned.
- 2 Email Inovonics technical support at support@inovonics.com with system information.
 - 3 Unplug the RDL8500 remote data logger from the wall outlet.
 - 4 Remove the Ethernet cable from the RDL8500.
 - 5 Disconnect power wires from the RDL8500.

- 6** Dismount the RDL8500 from the wall.
- 7** Mount the EN7580 TapWatch gateway in place of the RDL8500.
- 8** Connect the Ethernet cable to the gateway.
 - If the gateway lights up, then it is receiving power via PoE, and does not need to be wired to the included transformer. If this is the case, you can skip step 9 and 10; the procedure is complete.
- 9** Connect power cabling between gateway and transformer.
- 10** Plug the transformer into the AC outlet.