Licensing for Plugged Impulse Line Detection (PILD) Software Upgrade

This procedure enables the PILD option in an ST 800 device that was not ordered from the factory. This requires the user to obtain and install a License Key. This procedure can be performed from both host application and integral display of the device to activate this option.

**ATTENTION**
The procedure cannot be undone. It is a one-way process.
Each device requires a unique license key, so the following procedure must be performed on each device to be upgraded.

Procedure for upgrading the software from HART host application

- Retrieve the Dev Id parameter shown on the Device Setup->Upgrade Options menu.
- Verify firmware revisions in device meet the following required minimum revision levels for PILD Option Licensing support:
  - Basic Display: 1.08
  - Advanced Display (Euro): 1.12
  - Advanced Display (Asia): 1.13
  - HART Comm Firmware: 1.10
  - Sensor Firmware: 1.03

  Please reference your User Manual on how to obtain firmware revision numbers from a device. If you need technical support contact Honeywell GTS at 1-800-423-9883.

- Place an order for the ST 800 PILD Field Upgrade kit, part number 50097038-501. Include the following information with the order:
  - The Dev Id of the device
  - Feature requires license: PILD Field upgrade for ST 800 (Part Number - 50097038-501)

- The factory or Honeywell factory generates and sends a License Key to customer.

- The customer installs the license by selecting the “Enter License Key” method on the Device Setup->Upgrade Options menu.

- On confirmation of the license activation,
  - The transmitter’s integral display, if present, will restart.
  - The PILD Functionality parameter on the Device Setup->Upgrade Options menu will show the value “Available”
Procedure for upgrading the software from Fieldbus host application:

- Retrieve the device **Serial Number** parameter present in **Resource block->Device Information** menu.

- Verify firmware revisions in device meet the following required minimum revision levels for PILD Option Licensing support:
  - Basic Display: 1.08
  - Advanced Display (Euro): 1.12
  - Advanced Display (Asia): 1.13
  - Fieldbus Comm Firmware: 1.04
  - Sensor Firmware: 1.03

  Please reference your User Manual on how to obtain firmware revision numbers from a device. If you need technical support contact Honeywell GTS at 1-800-423-9883.

- Place an order for the ST 800 PILD Field Upgrade kit, part number 50097038-501. Include the following information with the order:
  - Serial number of the device.
  - Feature requires license: PILD Field upgrade for ST 800 (Part Number - 50097038-501)

- The Honeywell factory generates and sends a License Key to customer.

- Customer installs a license by writing the ‘License Key’ parameter provided in **Resource block->Device Information** menu.

- If the License key entered is rejected by the device, it could be due to either
  a) invalid license key entered or
  b) the firmware versions are incorrect.

- On confirmation of the license activation,
  - PILD parameter present in **Resource block->Device Information** menu will be enabled (Checkbox selected or shows with red dot)
  - PILD License Status Parameter displays as licensed. Menu shows **Diagnostics Block->Diagnostics>PILD>Status**
Procedure for upgrading the software from Device Integral display

- Power up the device and retrieve the device **Serial Number** by navigating to **Information->Options** menu using the buttons.
- Verify firmware revisions in device meet the following required minimum revision levels for PILD Option Licensing support:
  - Basic Display: 1.08
  - Advanced Display (Euro): 1.12
  - Advanced Display (Asia): 1.13
  - HART Comm Firmware: 1.10
  - Fieldbus Comm Firmware: 1.04
  - Sensor Firmware: 1.03

Please reference your User Manual on how to obtain firmware revision numbers from a device. If you need technical support contact Honeywell GTS at 1-800-423-9883.

- Place an order for the ST 800 PILD Field Upgrade kit, part number 50097038-501. Include the following information with the order:
  - Serial number of the device.
  - Feature requires license: PILD Field upgrade for ST 800 (Part Number - 50097038-501)

- The Honeywell factory generates and sends a License Key to the customer.

- Customer activates the license by writing the ‘License Key’ parameter provided.
  - Navigate to **Information->Options** menu and select **License Key** parameter.
  - Press ↵ to begin the edit process.
  - Press the ↑ or ↓ buttons to select the desired digit, and then press ↵ to advance to the next digit to the right.
  - After the last digit has been entered, press ↵ one more time to write the new value the display will then restart.

- On confirmation of the license activation, **PILD** parameter will be present in **Information->Options** menu indicates the enabled status.