Paywire Receiver Web Socket for Epic Integration Guide

Document Version: v2.2
Date: 10/16/2026

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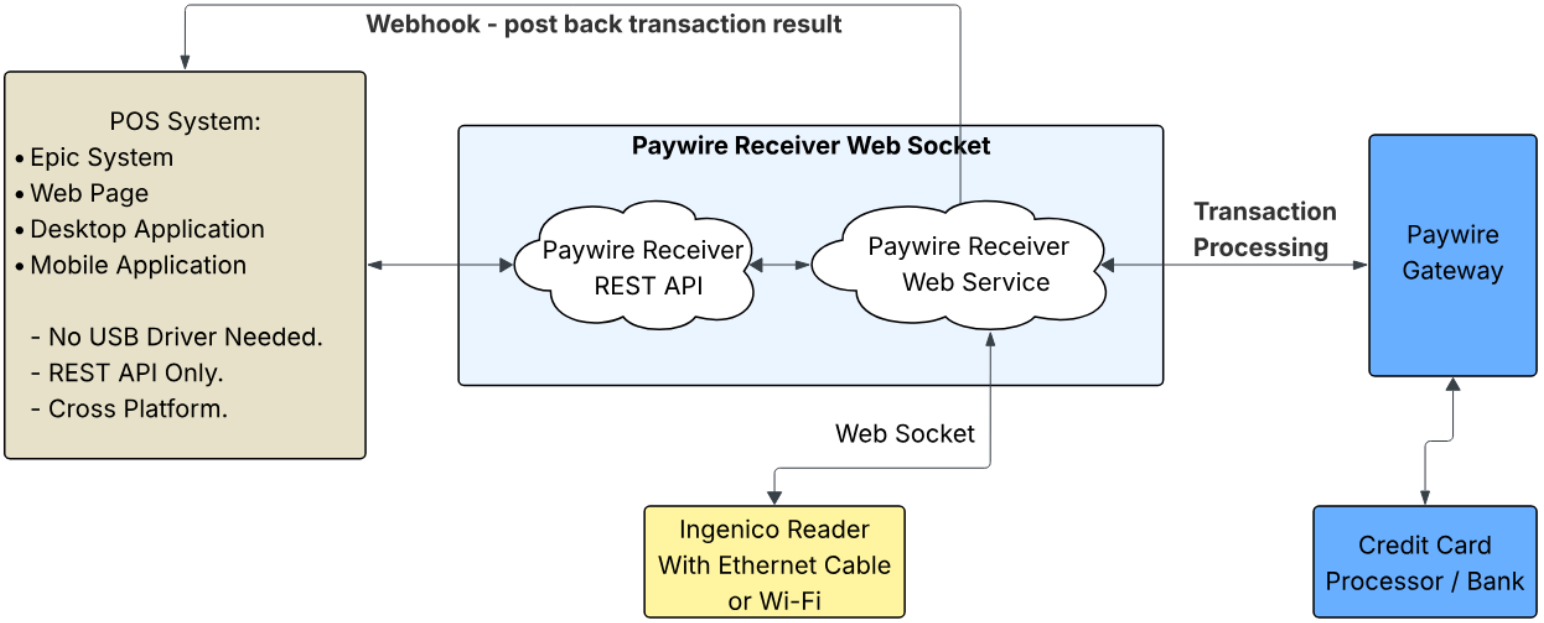
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System Flow Chart

Paywire Receiver Web Socket System Diagram



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Integration and Configuration Guide

Epic Configuration

System Requirements:

- Epic Hyperspace (PC)
- Epic Welcome Kiosk for iOS (iPad)

Epic Card Reader Interface Config:

Johns Hopkins should work with Epic to set up the Epic applications to access the card reader interface via Web Service Interface.
The following parameters should be configured in the Epic system:

- Epic App Client ID for Paywire EMV Interface (Contact Payscout for details)
- Payscout Web Service Interface endpoint (Contact Payscout for details)

Minimum Required Epic Parameters:

The following fields need to be configured in Epic (contact Payscout for details).

- **e_gatewayidentifier1** the_merchant_id
- **e_gatewayidentifier2** the_merchant_key
- **e_gatewayidentifier3** the_user_name
- **e_gatewayidentifier4** the_user_pass
- **env** JHHPRD
- **receiveruser** the_receiver_user
- **receiverpass** the_receiver_password

Reader Configuration and Registration

Reader Requirements:

- Ingenico Tetra Readers: Lane3000, Lane3600, Link2500.
- Ethernet cable for Lane3000 / Lane3600.
- WiFi connection for Link2500.

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Reader Configurations:

- The vendor (Bluefin) should pre-load all Ingenico readers with the Payscout Web Socket DP before delivering new devices to Johns Hopkins. For existing readers that lack Web Socket configuration, Johns Hopkins can perform this loading process using the instructions provided in this document's appendix.
- After installing the Payscout Web Socket DP, Lane3000 and Lane3600 models will be ready to connect directly to the Paywire Receiver Web Socket Web Service through an ethernet connection.
- The SSL Certificate within the DP is only valid for 1 year. Johns Hopkins will need to work with Payscout to load new certificates yearly before the current certificate expires.
- Link2500 devices require additional device-level configuration to establish WiFi network connectivity.
    - Using key combination 2-6-3-4-F to enter the reader's config menu.
    - Tetra Admin → Configure Wi-Fi → Complete the Wi-Fi configurations.

Reader Registration:

The card reader needs to be registered at Payscout's system in order to use the Web Socket integration. Currently there is no web interface available and Johns Hopkins needs to send the following information to Payscout via email for device registration:

- Unique Workstation ID from Epic.
- Workstation name (If applicable, for example: "T BMC ORTHO 01").
- Reader Model: Lane3000, Lane3600 or Link2500.
- Full Serial Number: The 24-digit full serial number found from the back of the device. If the label is not available, the full serial number can be found by following the steps below:
    - Using key combination 2-6-3-4-F to enter the reader's config menu.
    - Control Panel → Terminal Info → Hardware Info → Display → General → SN.

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Appendix

Load Payscout Web Socket DP to the Ingenico Readers:

For existing readers that lack Web Socket configuration, Johns Hopkins can perform this loading process using the instructions below:

Preparation:

Download the following application or packages:

Ingenico USB Driver for Lane3600/Lane3000:
https://project.paywire.com/setup/ingenico/Ingenico_USB_Driver_3.40.zip

Ingenico LLT to load packages:
https://project.paywire.com/setup/ingenico/LLT_5.7.1_setup.zip

Payscout WebSocket SSL Package for PROD devices.
(Unzip the package before processing next steps):

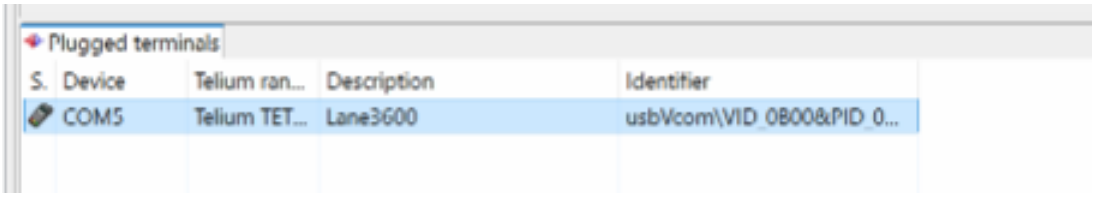
https://project.paywire.com/setup/ingenico/DP-VTBFNXX08830205.zip

Steps to load the config package:

1. Install the Ingenico driver and LLT, **Admin privileges are required.**

2. Connect the card reader to the computer (or restart it if it is already connected), **HOLD the "#"** button as soon as the reader powers on and show "Ingenico Smart Terminals" on the screen, until the reader displays a big LLT folder icon.

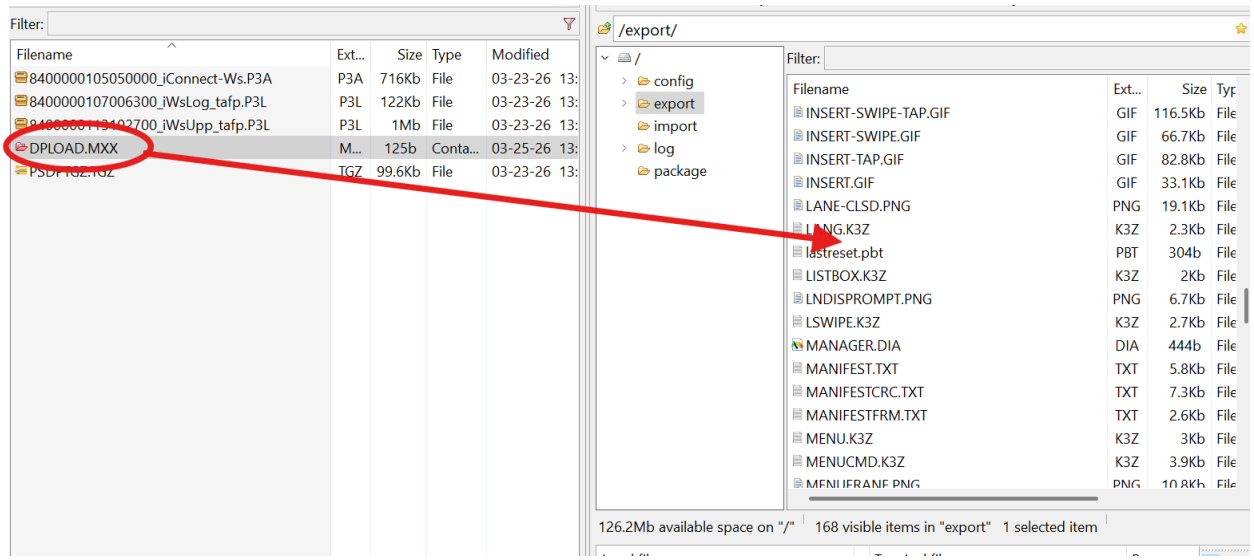
3. In LLT, the reader will show up on the bottom right, double click the device to connect.

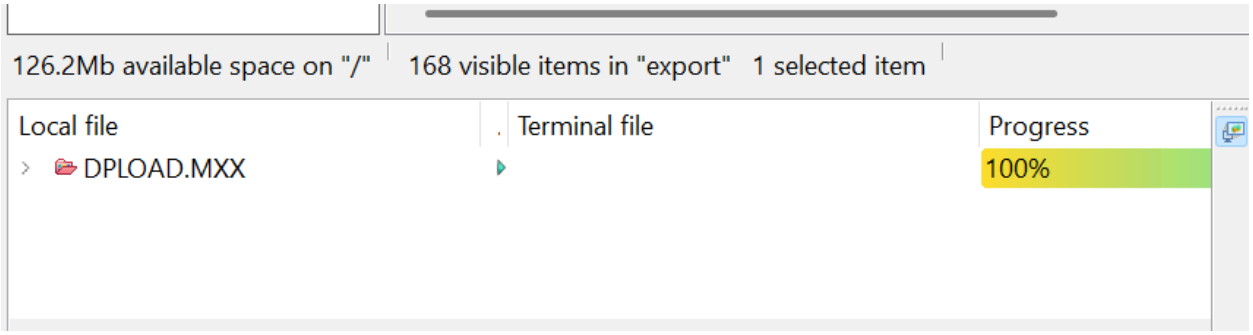


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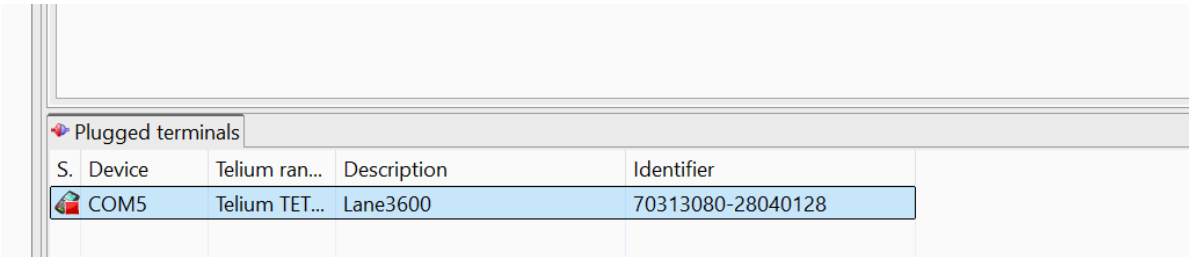
4. In LLT from the left side, browse to the following path of the extracted package:
   \DP-VTBFNXX08830205\LLT_GENERIC

5. Select the **DPLOAD.MXX** file and drag it to the right side, wait until the transmission is completed.





6. Double click on the device name (COM5 - Lane 3600) again to restart the device. Wait until the device fully starts up to install the package.



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7. Reconnect the device to the router and power supply. After startup, the reader should automatically connect to the WebSocket server.

Verify the card reader connectivity status:

Websocket Connection Status:

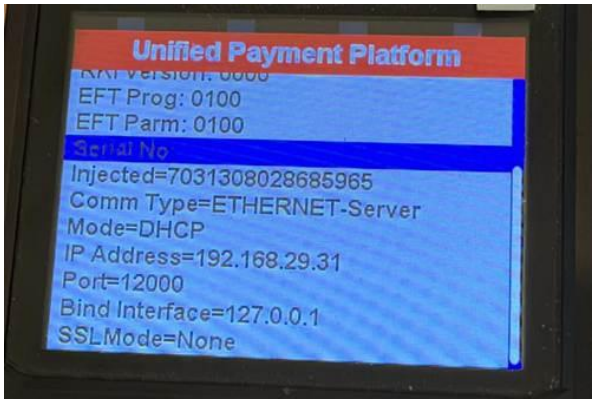
On the top of the standby screen:

- Connected - Not Connected



Network Status:

On the standby screen, input 0 0 0 0 then scroll to the bottom to confirm the reader's network status:



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iConnect-WS Status:

On the standby screen, input 2 6 3 4 F, then use the up/down button to select the last option “iConnect-WS”, then view “Current Setup”:







