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EAGLEYE QRD & PDR®
INTEGRATION MANUAL / V0.1

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EAGLEYE QRD

This manual explains the **Eagleye QRD** *(QUALITY REPORT DESIGNER)* application in terms of:

- (A) How to integrate and establish a connection with the **Eagleye PDR** *(PORTABLE DATA RECORDER)* device.
- (B) How to report field data recorded by the **Eagleye PDR.**

INDEX :

(A) Integration Steps with Eagleye PDR: 3
(B) Field Data Reporting Steps: 9

Contact: 14

Note: To ensure clarity, actual software interface screenshots are used instead of physical device photos.

SECTION A:
INTEGRATION WITH EAGLEYE PDR

Detecting the Eagleye PDR Device IP Address

STEP 1:

To establish a network connection between **Eagleye QRD** and the **PDR**, the device's IP address must be identified. Follow these steps to find the IP address:

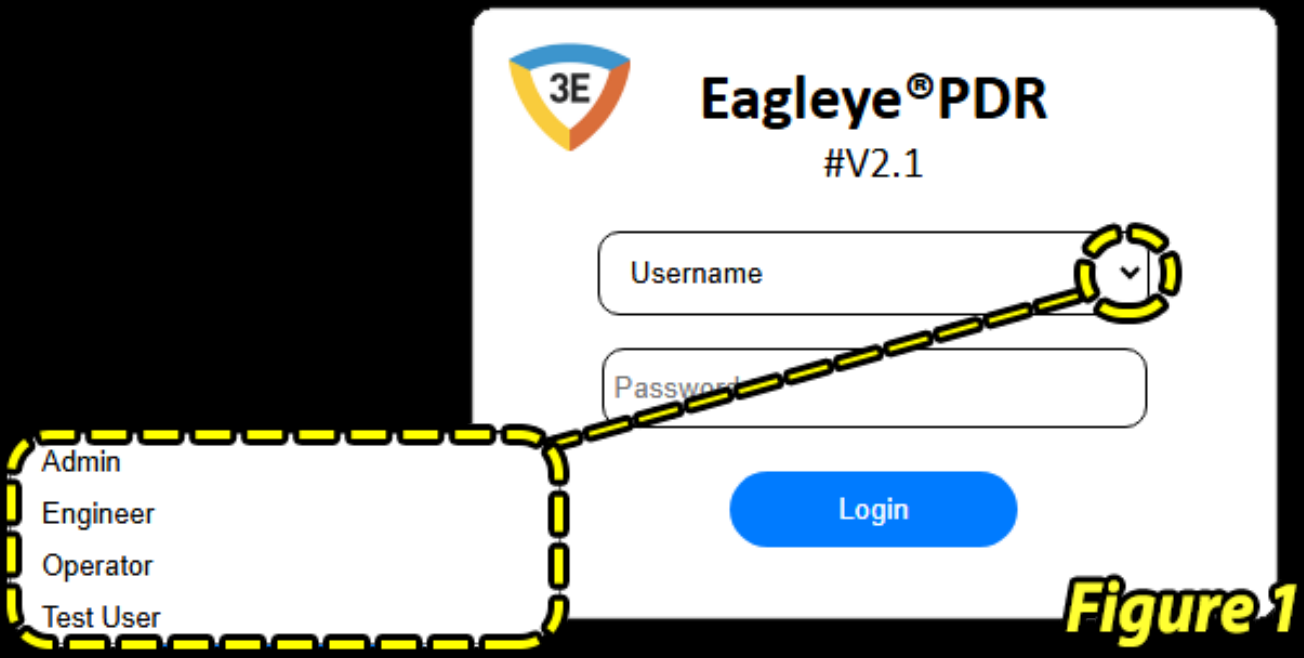

Figure 1

Select the **Username** on the **Eagleye PDR** login screen and enter the **Password** to log in.

Note: The default password for all users is 123, which can be changed later.

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STEP 2:

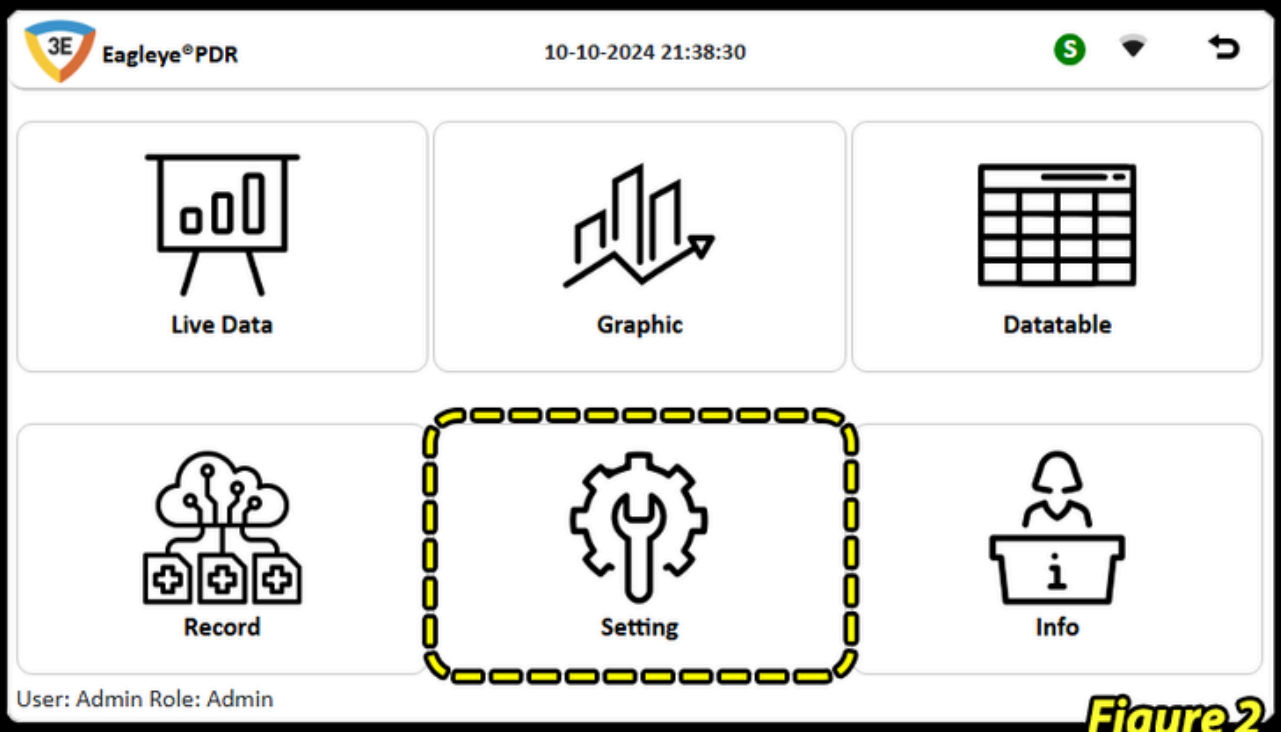

Figure 2

From the *Main Screen* that opens after logging in, select the *Setting* tab.

STEP 3:

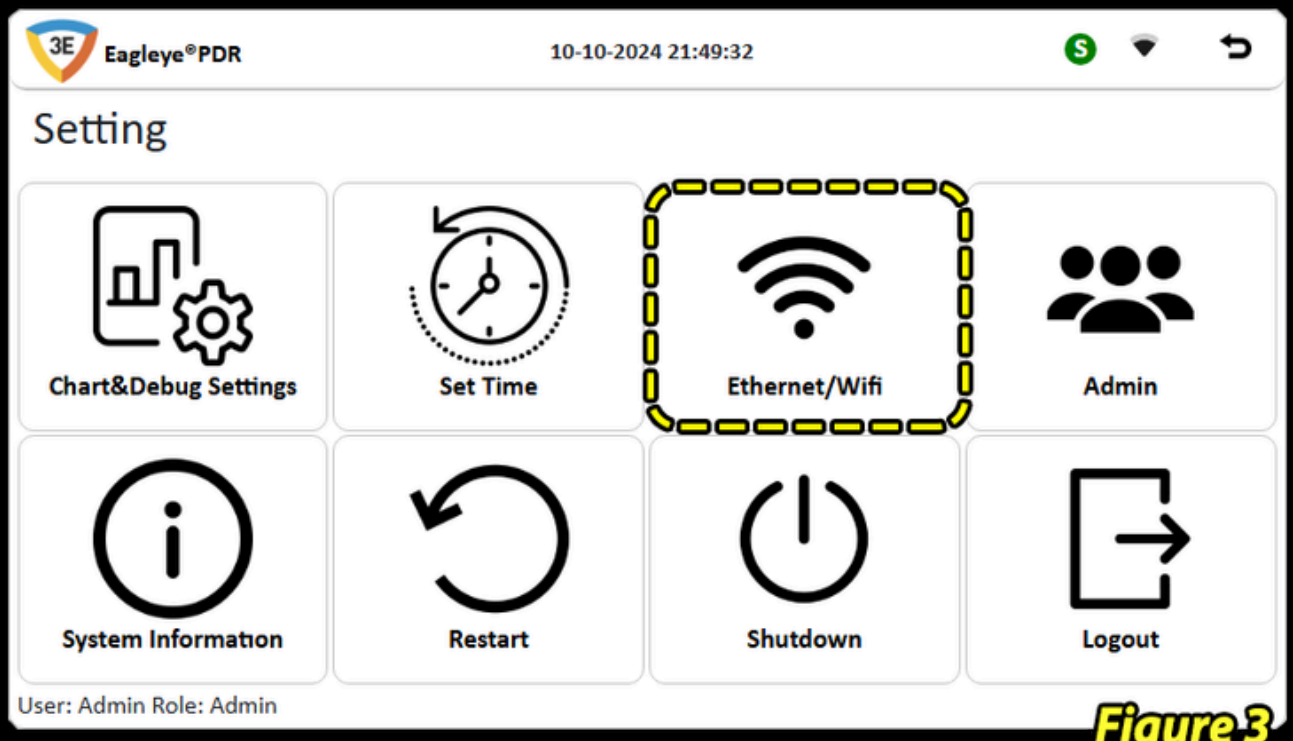

Figure 3

Navigate to the *Ethernet / Wifi* tab.

STEP 4:

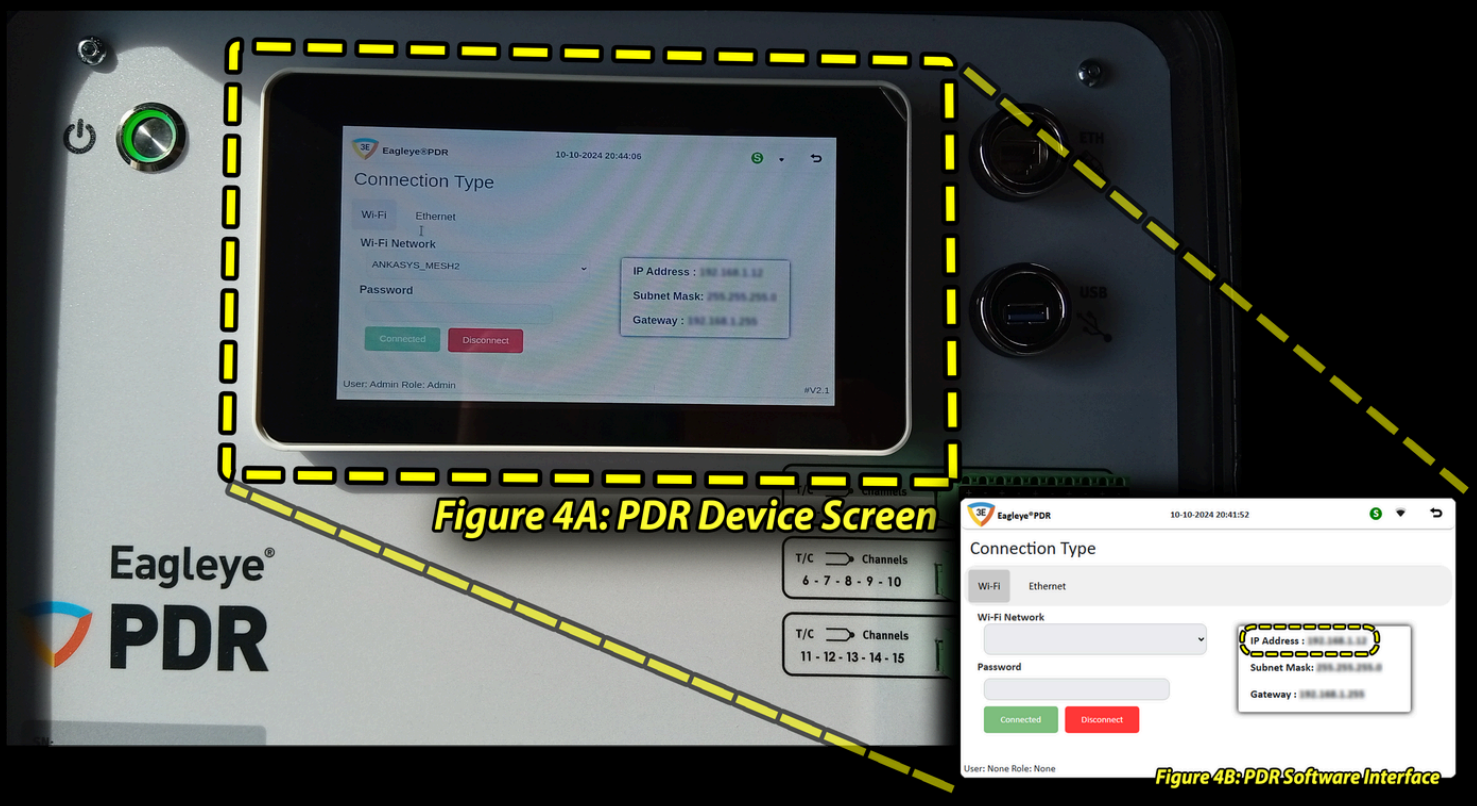

Figure 4A: PDR Device Screen

Figure 4B: PDR Software Interface

The IP address of the **Eagleye PDR** device is displayed in the ***bottom right corner*** of the Ethernet / Wifi tab.

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STEP 5:

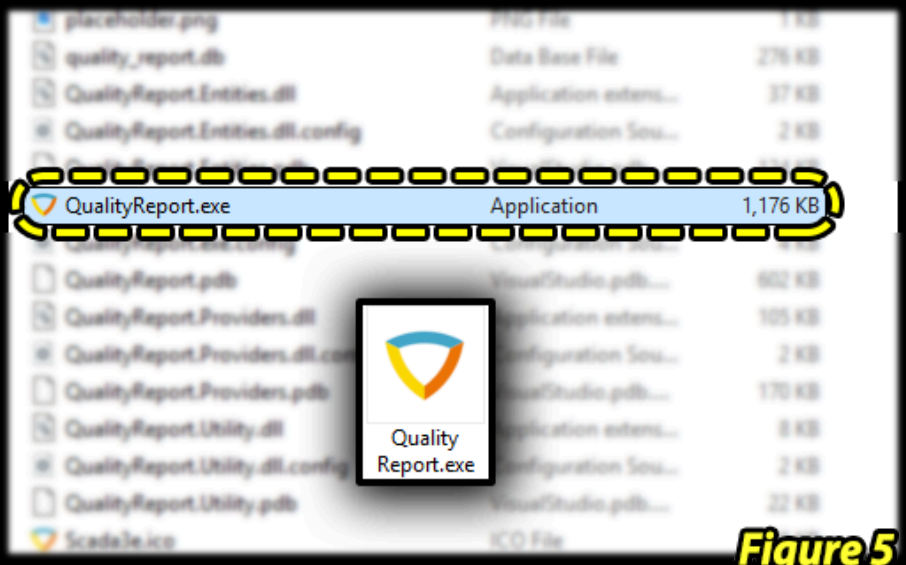

Figure 5

Figure 6

Launch **QualityReport.exe** *(See Figure 5)*.

In the Quality Report application, select the ***Settings*** tab from the top panel *(See Figure 6)*.

STEP 6:

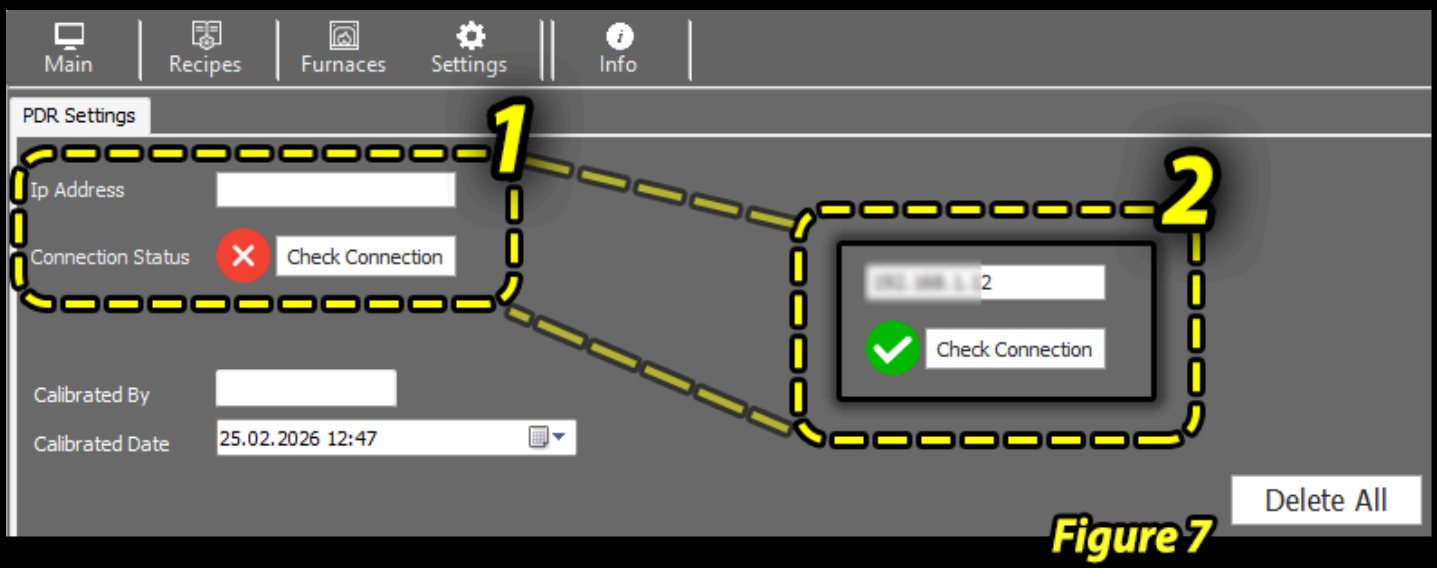

Figure 7

Enter the **IP Address** and click the **Check Connection** button to integrate Eagleye *PDR* and *QRD*.

When the **Check Connection** button is clicked, the connection status is displayed as follows:

1. Connection error → ✗ *(X mark)*
2. Connection established → ✓ *(Check mark)*

SECTION B: REPORTING

Reporting Real-Time Raw Field Data via Eagleye QRD

STEP 1:

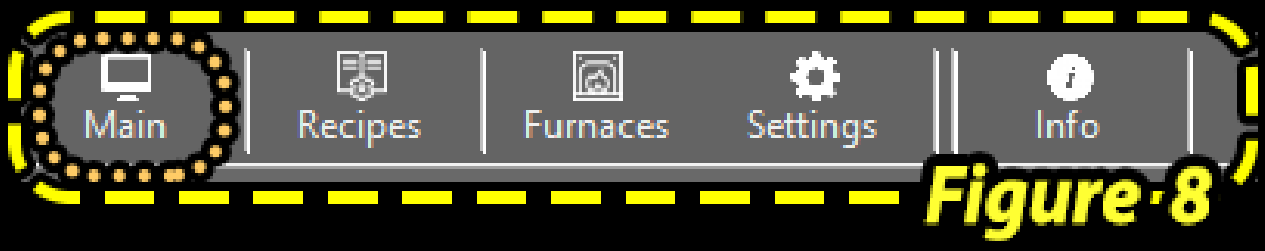

Figure 8

Launch *Quality Report* application and navigate to the *Main* tab.

STEP 2:

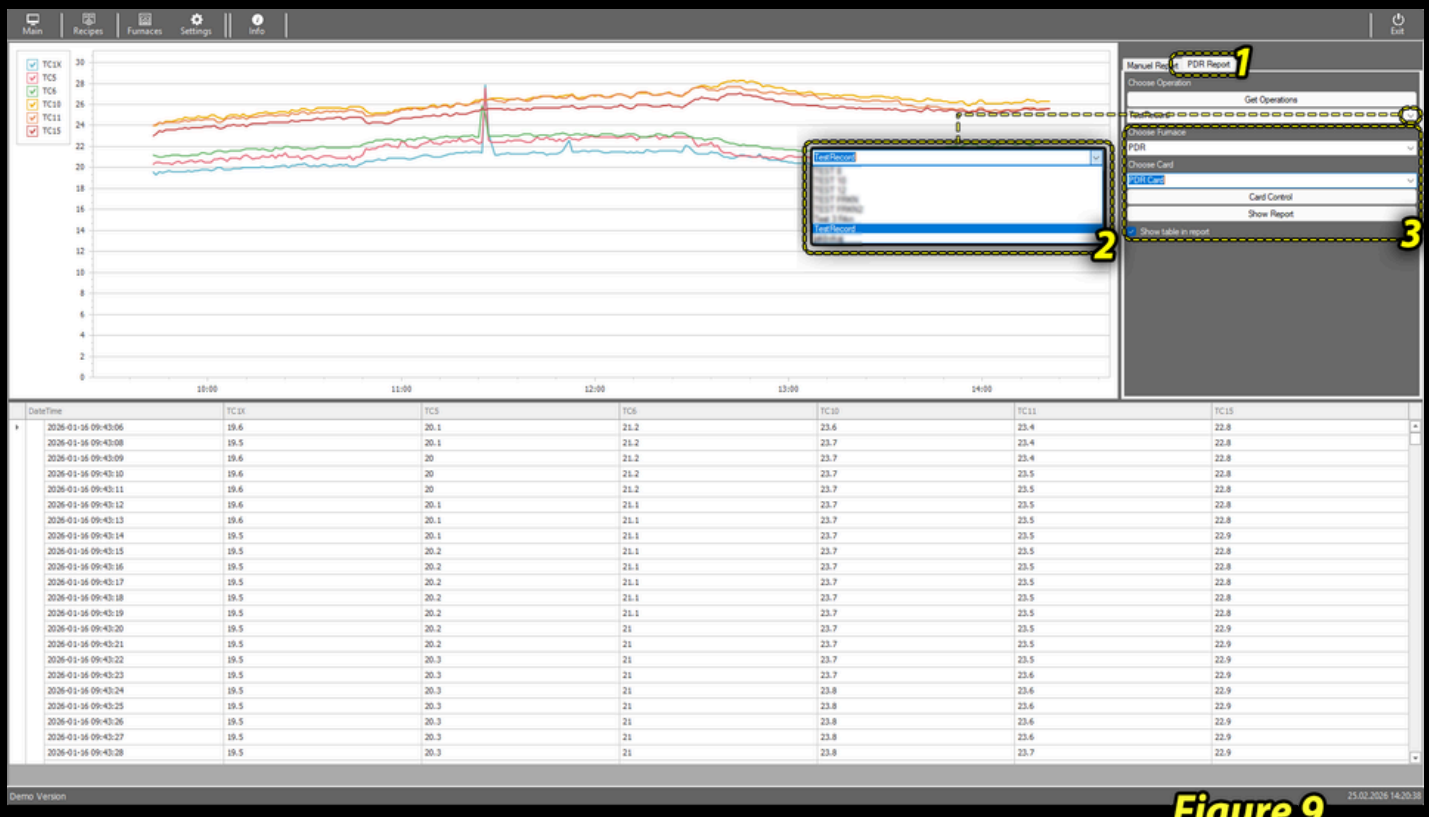

Figure 9

STEP 2:

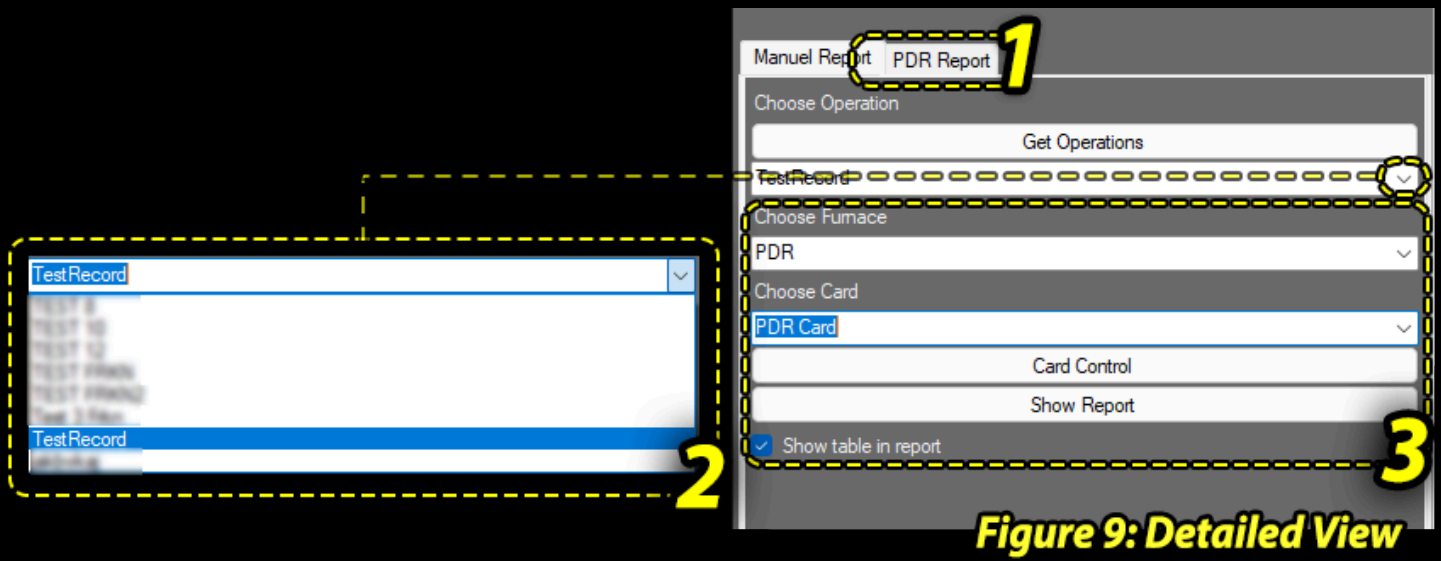

Figure 9: Detailed View

1. Select the **PDR REPORT** tab in *Section 1*.

2. From the dropdown menu in *Section 2*, select the **Operation** to be reported.

3. *In Section 3*, select the specific **Furnace** utilized during the PDR Operation; the system will now display the data as both charts and tables.

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STEP 3:

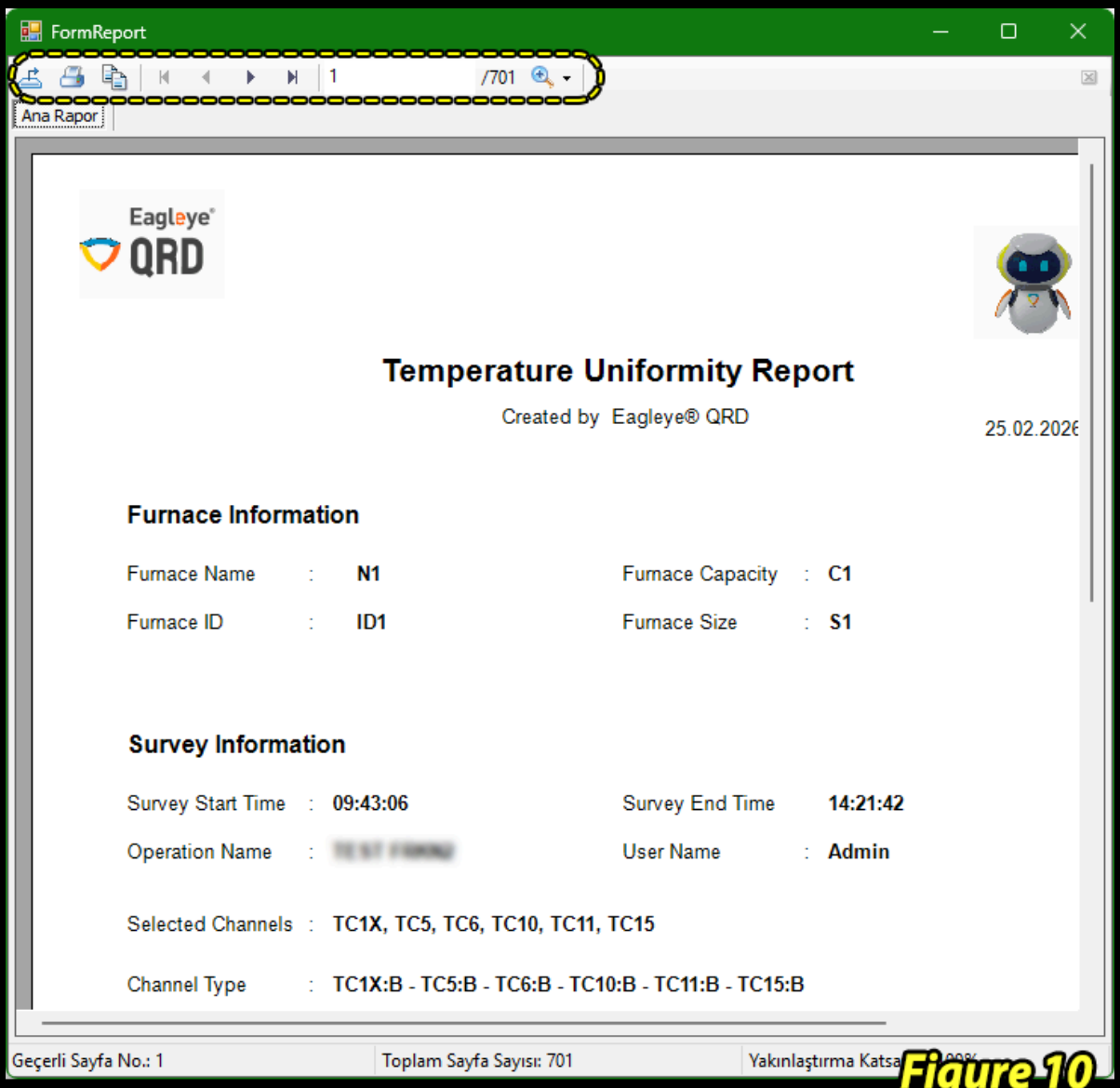

Figure 10

Click the **Show Report** button located in *Section 3* (as detailed in Figure 9) to generate the report in a new window.

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STEP 3:

Report Interface Functions

The icons in the report window perform the following functions *(from left to right):*

- Export: Exports the report.
- Print: Prints the report.
- Copy: Copies the report content.
- Navigation: Access the first, next, previous, or last page.
- Go to Page: Enter a specific page number in the box to jump to that page.
- Zoom: Adjusts the report magnification level.

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