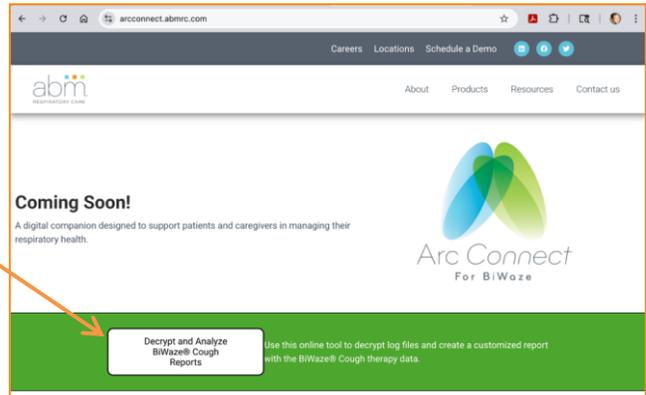


This guide will walk you through how to decrypt and analyze therapy data logs exported from BiWaze Cough.

- Follow the instructions on how to Export Therapy Data Logs for BiWaze Cough.
- Do not alter the name or contents of the encrypted file exported from BiWaze Cough.
- No data is stored within Arc Connect or any website. This is a decryption tool only.

1. Go to the Arc Connect website:  
<https://arcconnect.abmrc.com/>

2. Click on Decrypt and Analyze BiWaze Cough Reports



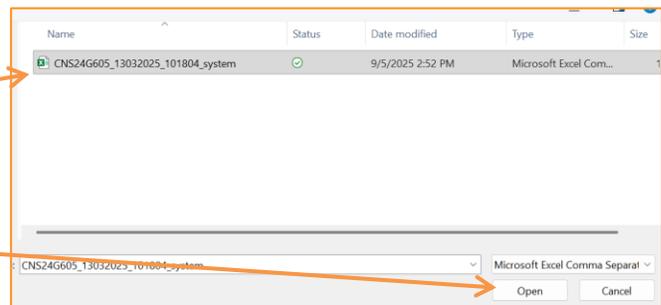
3. Click Browse your encrypted CSV file here



4. On your computer, browse to your encrypted CSV file

Click on file name

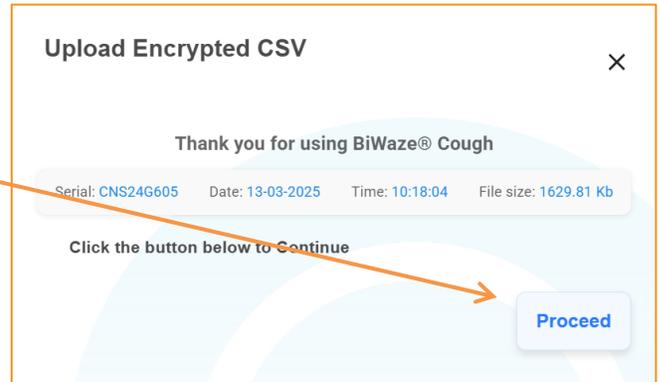
Click Open



5. As your file begins to upload, you will see the following screen



6. Once the file is fully uploaded, click Proceed



7. Select the date range you want to export

Note: The red statement comes from data logs dated in a large data range that do not contain therapies



8. Once you select the date range, you can either Download CSV Report or Generate PDF / Dashboard



9. If Download CSV is selected, the report will be downloaded to your computer and look like this

| Serial Number:                              | CNS24G605           |          |                 |                      |               |               |                   |            |
|---|---------------------|----------|-----------------|----------------------|---------------|---------------|-------------------|------------|
| Downloaded Date:                            | 13 Mar 2025         |          |                 |                      |               |               |                   |            |
| Start Date:                                 | Nov 01, 2024        |          |                 |                      |               |               |                   |            |
| End Date:                                   | Jan 31, 2025        |          |                 |                      |               |               |                   |            |
| Total Therapy Usage In Date Range:          | Total Hour: 9:26:33 |          |                 |                      |               |               |                   |            |
| Average Therapy Sessions/D:                 | 5.0 (2.67)          |          |                 |                      |               |               |                   |            |
| Average Peak Expiratory Flow:               | 130.26              |          |                 |                      |               |               |                   |            |
| Standard Deviation of Peak Expiratory Flow: | 43.08               |          |                 |                      |               |               |                   |            |
| Average Expiratory Volume:                  | 3483.78             |          |                 |                      |               |               |                   |            |
| Ref ID                                      | Event ID            | Log Type | Time Stamp      | Event Type           | HMR (h:mm:ss) | Model/Profile | Total Cycle Count | Is Therapy |
| 7   | 6929                | THERAPY  | 1/31/2025 20:17 | THERAPY_START        | 9:29:01       | Auto          | 5                 |            |
| 8   | 6929                | THERAPY  | 1/31/2025 20:17 | THERAPY_SETTINGS     |               |               | 5                 |            |
| 9   | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[0] |               |               | 0                 | 2          |
| 10  | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[1] |               |               | 1                 | 2          |
| 11  | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[2] |               |               | 2                 | 2          |
| 12  | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[3] |               |               | 3                 | 2          |
| 13  | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[4] |               |               | 4                 | 2          |
| 14  | 6929                | THERAPY  | 1/31/2025 20:17 | CYCLE_NUM_SETTING[5] |               |               | 5                 | 2          |
| Ref ID                                      | Event ID            | Log Type | Time Stamp      | Event Type           | HMR (h:mm:ss) | Model/Profile | Total Cycle Count | Is Therapy |
| 21  | 6929                | THERAPY  | 1/31/2025 20:17 | THERAPY_COMPLETE     | 9:29:38       |               | 5                 |            |
| 22  | 6922                | THERAPY  | 1/31/2025 20:16 | THERAPY_START        | 9:28:24       | Auto          | 5                 |            |
| 23  | 6922                | THERAPY  | 1/31/2025 20:16 | THERAPY_SETTINGS     |               |               | 5                 |            |
| 24  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[0] |               |               | 0                 | 2          |
| 25  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[1] |               |               | 1                 | 2          |
| 26  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[2] |               |               | 2                 | 2          |
| 27  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[3] |               |               | 3                 | 2          |
| 28  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[4] |               |               | 4                 | 2          |
| 29  | 6922                | THERAPY  | 1/31/2025 20:16 | CYCLE_NUM_SETTING[5] |               |               | 5                 | 2          |

10. If Generate PDF/Dashboard is selected, the report will look like this



## How to Use Dashboard and Generate Report

- If you click on How to Use, it will provide you step by step instructions on how to:
  - Select Date Range
  - Select Therapy Data from list of therapies available
  - Add graph to report
  - Generate report

This annotated screenshot illustrates the steps to use the dashboard and generate a report. The steps are highlighted with orange callouts:

- 1. Select Date Range:** Points to the date range selector in the 'Customize Your Report' section, which is currently set to 'JUN 26, 2024 to MAR 12, 2025'.
- 2. Select Therapy Data:** Points to the 'Date Time Cycles Mode' list on the left, where specific therapy sessions are selected with checkboxes.
- 3. Add graph to report:** Points to the 'Add Graph to Report' button located above the main data graph.
- 4. Generate Report:** Points to the 'GENERATE REPORT' button in the top right corner of the dashboard.

The main dashboard area shows a graph with multiple data series: Set Pause Pressure (green), Set Insp Pressure (blue), Set Exp Pressure (orange), Peak Expiratory Flow (lpm) (dotted line), Peak Insp Pressure (red), Expiratory Volume (ml) (blue line), and Oscillations Enabled/Disabled (checkboxes). The graph displays pressure (cm H<sub>2</sub>O) and Peak Expiratory Flow (lpm) over time.

# Therapy Compliance Report

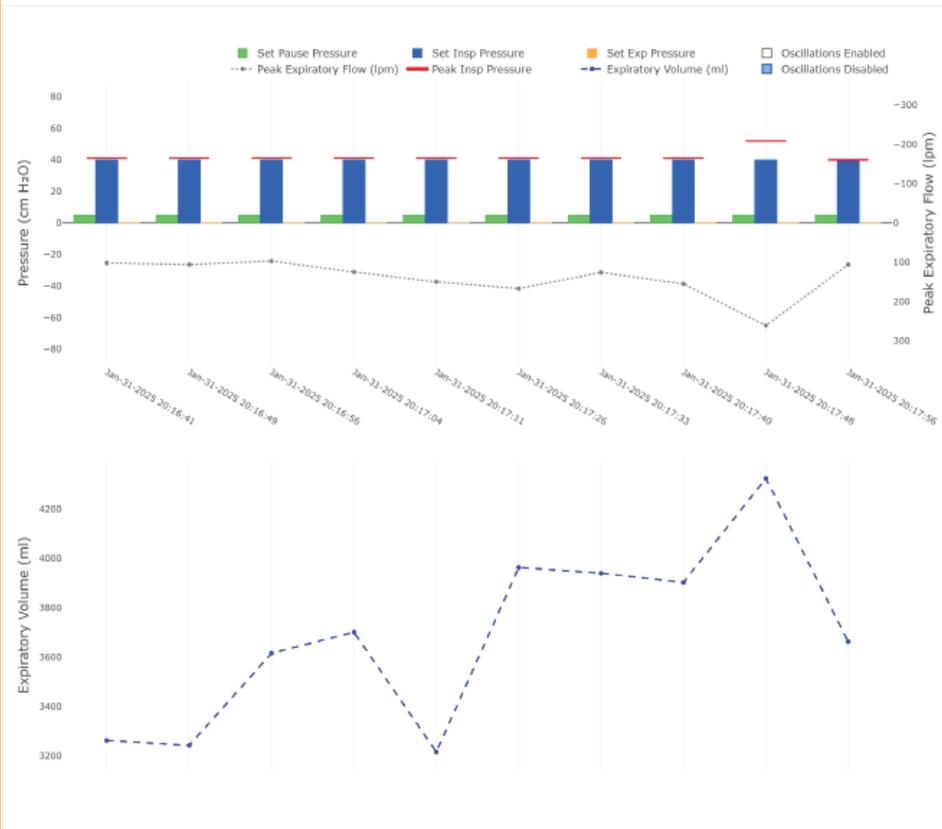
Therapy Compliance Report  
JUN 26, 2024 to MAR 12, 2025



| System Name                        | BiWaze® Cough | Serial Number                  | CNS24G805 |
|------------------------------------|---------------|--------------------------------|-----------|
| Total Hour Meter Reading (H:M:S)   | 12:18:30      | Usage in Date Range (H:M:S)    | 12:18:30  |
| Average Therapy Cycles/Session     | 5             | Average Expiration Volume (mL) | 3,834.28  |
| Average Therapy Sessions/Day (*SD) | 8 (2.64)      | *SD of Expiratory Volume (mL)  | 681.72    |
| Total Therapy Sessions             | 579           | Average Peak Cough Flow (lpm)  | 134.07    |
| Number of Days With No Therapy     | 110           | *SD of Peak Flow (lpm)         | 45.84     |

\*SD stands for Standard Deviation, which represents the variation from the mean value.

## Settings vs Peak Pressure and Peak Flow (Selected Therapies)



Confidential Report Generated on: Sep 9, 2025

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[www.abmrc.com](http://www.abmrc.com) or call customer support: 1-877-ABMRC01 (877-226-7201)

