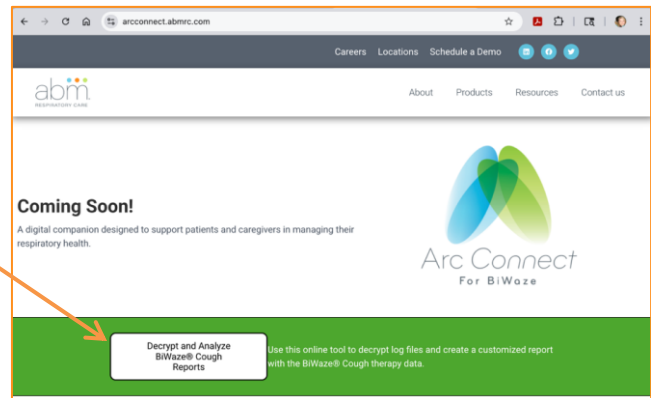


This guide will walk you through how to decrypt and analyze therapy data logs exported from BiWaze Cough.

- 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



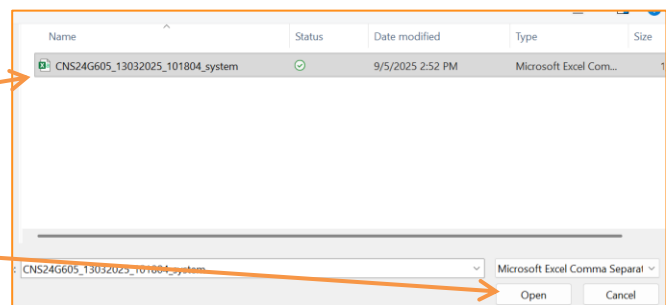
3. Click Browse your encrypted CSV file here



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

Click on file name

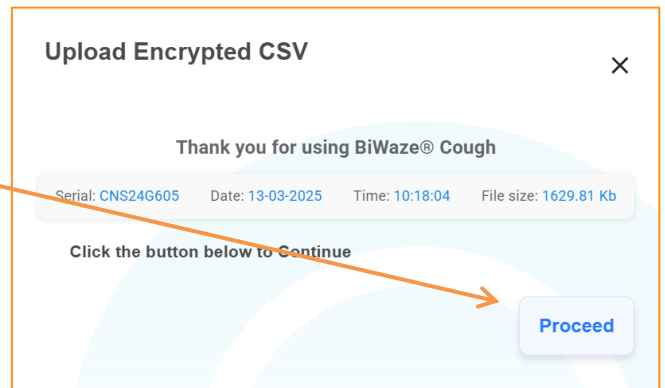
Click Open



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

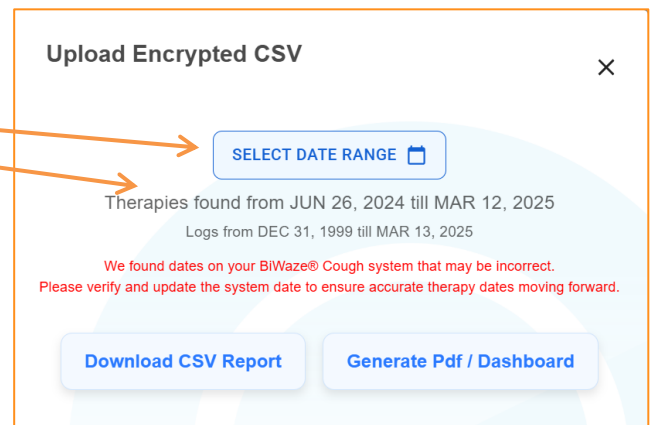


6. Once the file is fully uploaded, click Proceed



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



	A	B	C	D	E	F	G	H
1	Serial Number: CNS24G605							
2	Downloaded Date: 13 Mar 2025							
3	Start Date: Nov 01, 2024 End Date: Jan 31, 2025							
4	Total Therapy Usage in Date Range		Total Hours	Average Therapy Cycle	Average Therapy Sessions/D	Average Peak Expiratory F	Standard Deviation of Peak E	Average Expiratory V
5	Ref ID	Event ID	Log Type	Time Stamp	Event Type	HMR (h/cm:ss)	Mode/Profile	Total Cycle Count
6	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[0]	Therapy Start	130:26	9:29:01 Auto	Is There a Problem?
7	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[0]	Cycle No	0	Pause Pressure (cmH2O)	Pause time (sec)
8	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[1]	1	5	2	Insp Pre
9	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[2]	2	5	2	
10	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[3]	3	5	2	
11	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_NUM_SETTING[4]	4	5	2	
12	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_MEASUREMENT[0]	Battery %	Peak Flow (lpm)	Exp Volume (ml)	SPQ2%
13	6929	6929 THERAPY	1/31/2025 20:17	CYCLE_MEASUREMENT[0]	89	167	3963	
14	6929	6931 MONITOR	1/31/2025 20:17	CYCLE_MEASUREMENT[1]	89	126	3960	
15	6929	6932 MONITOR	1/31/2025 20:17	CYCLE_MEASUREMENT[2]	89	155	3993	
16	6929	6933 MONITOR	1/31/2025 20:17	CYCLE_MEASUREMENT[3]	89	261	4324	
17	6929	6935 MONITOR	1/31/2025 20:17	CYCLE_MEASUREMENT[4]	89	106	3663	
18	6929	6934 THERAPY	1/31/2025 20:17	CYCLE_COMPLETE	Therapy End	HMR (h/cm:ss)	Mode/Profile	Total Cycle Count
19	6929	6934 THERAPY	1/31/2025 20:17	CYCLE_COMPLETE	9:29:38	9:29:38 Auto	Is There a Problem?	
20	Ref ID	Event ID	Log Type	Time Stamp	Event Type	HMR (h/cm:ss)	Mode/Profile	Total Cycle Count
21	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[0]	Therapy Start	130:24	9:28:24 Auto	Is There a Problem?
22	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[0]	Cycle No	0	Pause Pressure (cmH2O)	Pause time (sec)
23	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[1]	1	5	2	Insp Pre
24	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[2]	2	5	2	
25	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[3]	3	5	2	
26	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_NUM_SETTING[4]	4	5	2	
27	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[0]	Battery %	Peak Flow (lpm)	Exp Volume (ml)	SPQ2%
28	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[0]	89	167	3963	
29	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[1]	89	126	3960	
30	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[2]	89	155	3993	
31	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[3]	89	261	4324	
32	6922	6922 THERAPY	1/31/2025 20:16	CYCLE_MEASUREMENT[4]	89	106	3663	

The screenshot displays the 'abm CANS246G05 Therapy Dashboard'. At the top, there are navigation buttons: 'HOW TO USE', 'GENERATE REPORT', and 'HIDE THERAPIES'. The main section is titled 'Customize Your Report' with a date range of 'NOV 1, 2024 to JAN 31, 2025'. Below this, there are three instructions: 1. Zoom in on the graph by selecting a specific area, if required. 2. Click the 'Add Graph to Report' button to save this view to the report. 3. Click the 'Generate Report' button to view/download your customized PDF. The 'Add Graph to Report' button is highlighted. The graph area shows a time series plot with a legend on the left. The legend includes: 'Set Pause Pressure' (green square), 'Set Insp Pressure' (blue square), 'Set Exp Pressure' (orange square), 'Oscillations Enabled' (checked checkbox), 'Peak Expiratory Flow (lpm)' (dashed line), 'Expiratory Volume (ml)' (dashed line), 'Oscillations Disabled' (blue square), and 'Peak Insp Pressure' (red line). The graph displays a blue shaded area representing the pressure range, with a dashed line for Peak Expiratory Flow (lpm) and a red line for Peak Insp Pressure. The y-axis is labeled 'Pressure (cm H₂O)' and ranges from -50 to 400. The x-axis represents time, with labels for Jan-31-2025 20:17:18, Jan-31-2025 20:16:34, and Jan-31-2025 20:15:51. The graph shows a significant drop in pressure around 20:16:34, followed by a recovery.

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

Therapy Compliance Report

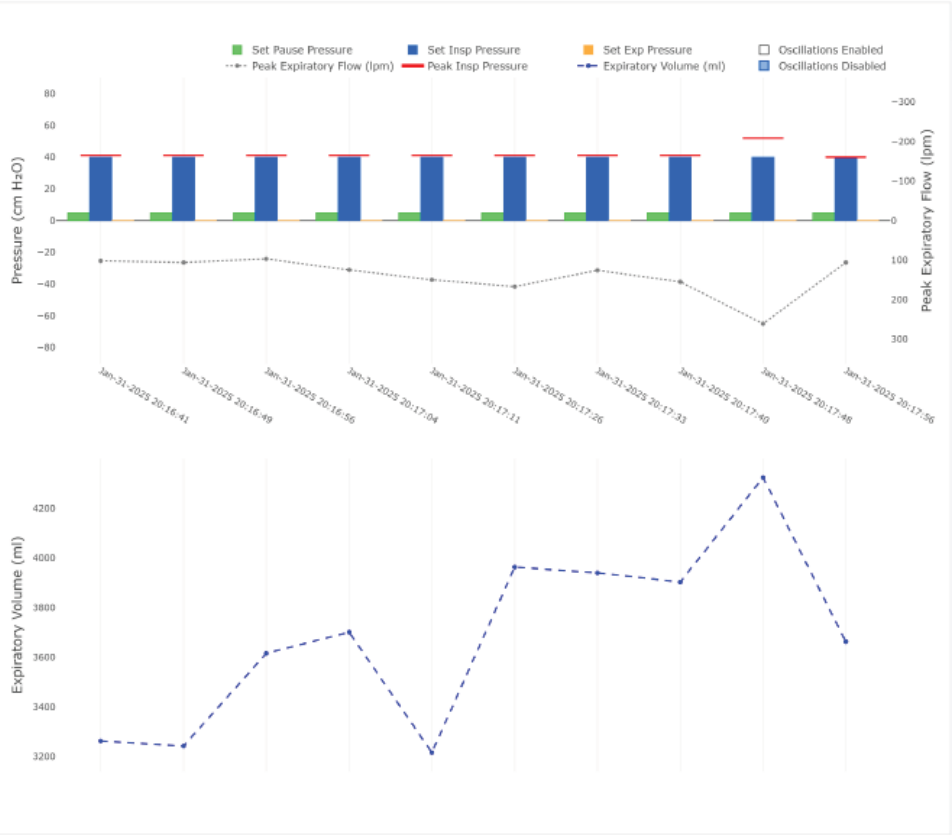
Therapy Compliance Report
JUN 26, 2024 to MAR 12, 2025



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)	3,634.28
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)	45.64

*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

Page: 1

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www.mec.com.au or call 1300 632 633



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