



Multi-View Discussion Guide



Multi-View Benefits

The first comprehensive reporting and monitoring solution for ventilator-dependent patients.

- **Multi-therapy reporting:** Delivers actionable, smart reporting with multi-therapy insights, only available from a Multi-Function Ventilator.
- **Detailed trending:** Spot meaningful trends easily across multiple therapies to see how a patient's condition and therapy use changes over time.
- **Compliance tracking:** Improves understanding when and how often therapies are used.
- **Customizable reporting:** Sets alerts and custom data views as needed.
- **Alarm summaries:** View alarm patterns and trends to minimize alarm fatigue.
- **Connectivity:** Connect via Cellular, WiFi, GPS, and Bluetooth.
- **Bluetooth:** Integrate with hospital systems and other monitors (SPO2, EtCO2, Heart Rate, & more).
- **Cloud based:** Access anywhere for physicians, respiratory therapists, DMEs, and caregivers.

Reminder: Multi-View reports are intended for informational purposes only. Clinical decisions should be made based on observation of the patient, not solely the report.



Report Overview

- Report begins with high-level summary and trend information.

- Monitor Details provide trending insights into how multiple delivered therapies change over time.

- Report ends with detailed logs.

- All report sections are optional; users choose what to include.

Summary

Trend Summary and Compliance Calendar

Therapy Use and Settings Overview

Alarm Summary

Monitor Details

Monitor Details

Monitor Details

Monitor Details

Therapy Log

Alarm Log

Configuration Log

Event Log



Report and Patient Summary

- Reports are identified by VOCSN serial number.
 - Reports can be pulled by custom date ranges.
-
- No patient identification information included in report (no HIPAA concern).
 - Editable patient-related fields are optional.

VOCSN

Multi-View
BETA

Usage Report

Report Information

Serial Number	123456
Configuration	V+O+C+S+N+Pro
Report Print Date	10/11/2018
Report Duration	30 days (data trended from last 7 days)
Report Date Range	9/1/2018 - 9/30/2018
Report Sections	Alarm Summary Settings Overview Event Log Compliance Calendar Monitoring Details

Patient	
Patient Reference ID	
Date of Birth	
Equipment Used	
Physician	
Affiliation or Institution	
Comments	

This is an example of a Multi-View Report. These reports are intended for informational purposes only. Clinical decisions should be made based on observations of the patient, not solely this report.

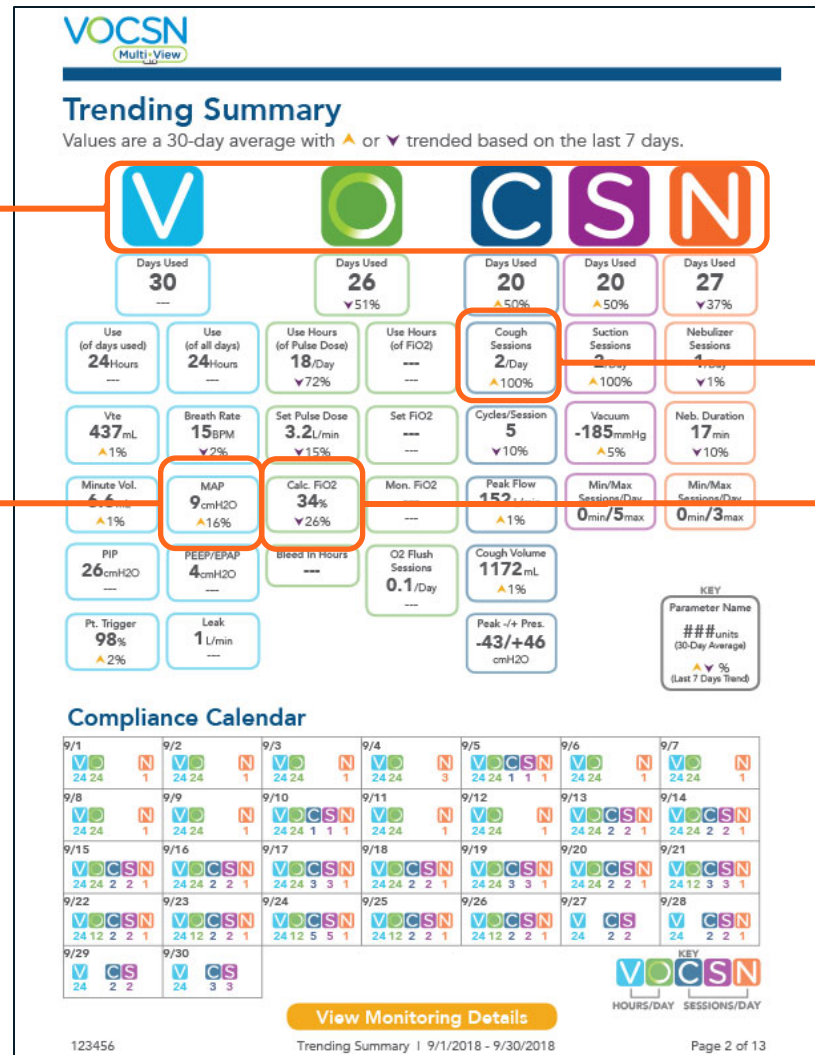


Trend Summary

Actionable, smart reporting with multi-therapy insights

- Usage and monitor trends for each therapy.

- Over 30 days, the average patient Mean Airway Pressure (MAP) was 9 cmH2O.
- In the last week, it increased 16%.



- Spot trends across multiple therapies.
- Compared to the 30-day average, Cough therapy increased 100% over the last week, while the required FiO2 to maintain patient oxygen saturation dropped 26%.



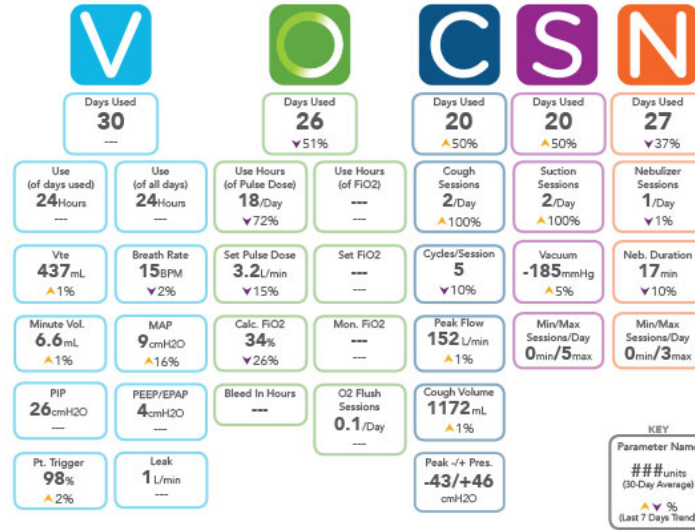
Compliance Calendar



VOC SN
Multi-View

Trending Summary

Values are a 30-day average with ▲ or ▼ trended based on the last 7 days.



Compliance Calendar



View Monitoring Details

123456

Trending Summary | 9/1/2018 - 9/30/2018

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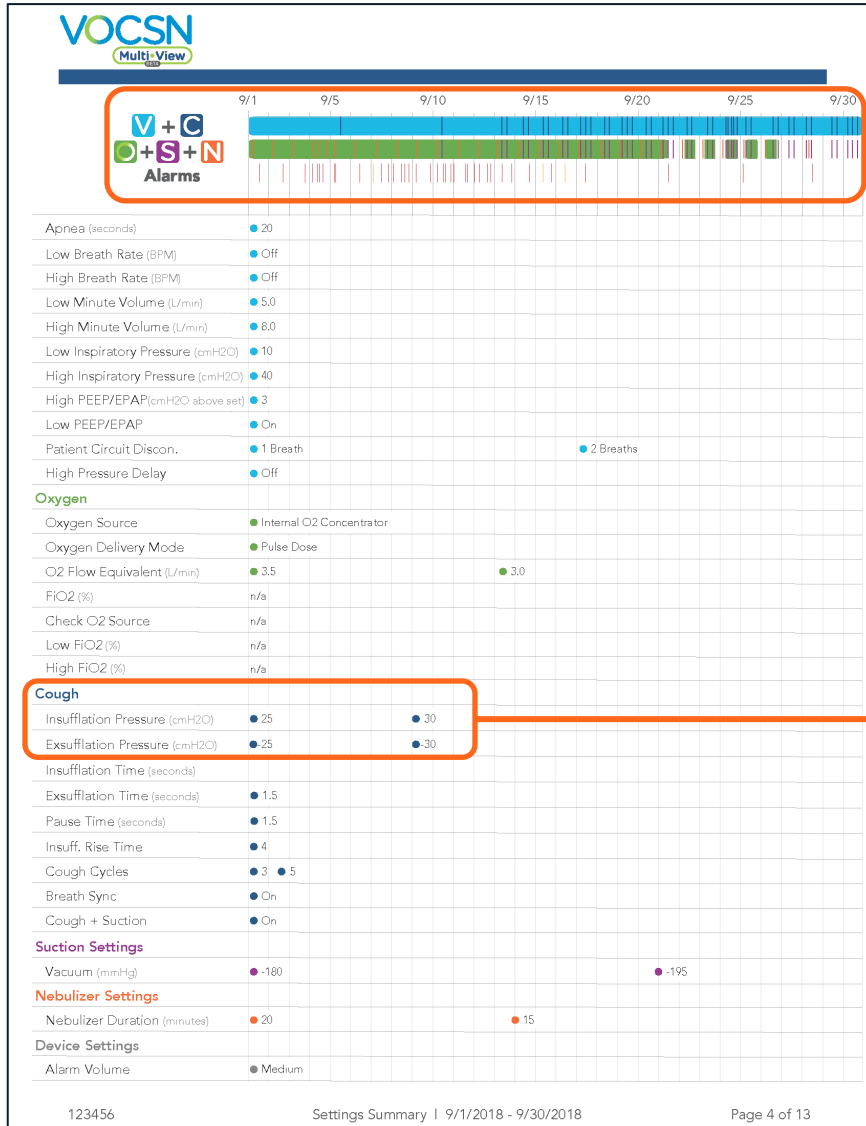
On September 21st

- Ventilation used for 24 hours
- Oxygen used for 12 hours
- Cough & Suction used 3 times
- Nebulizer used once

- Understand how each therapy was used each day.



Therapy Use and Settings Overview

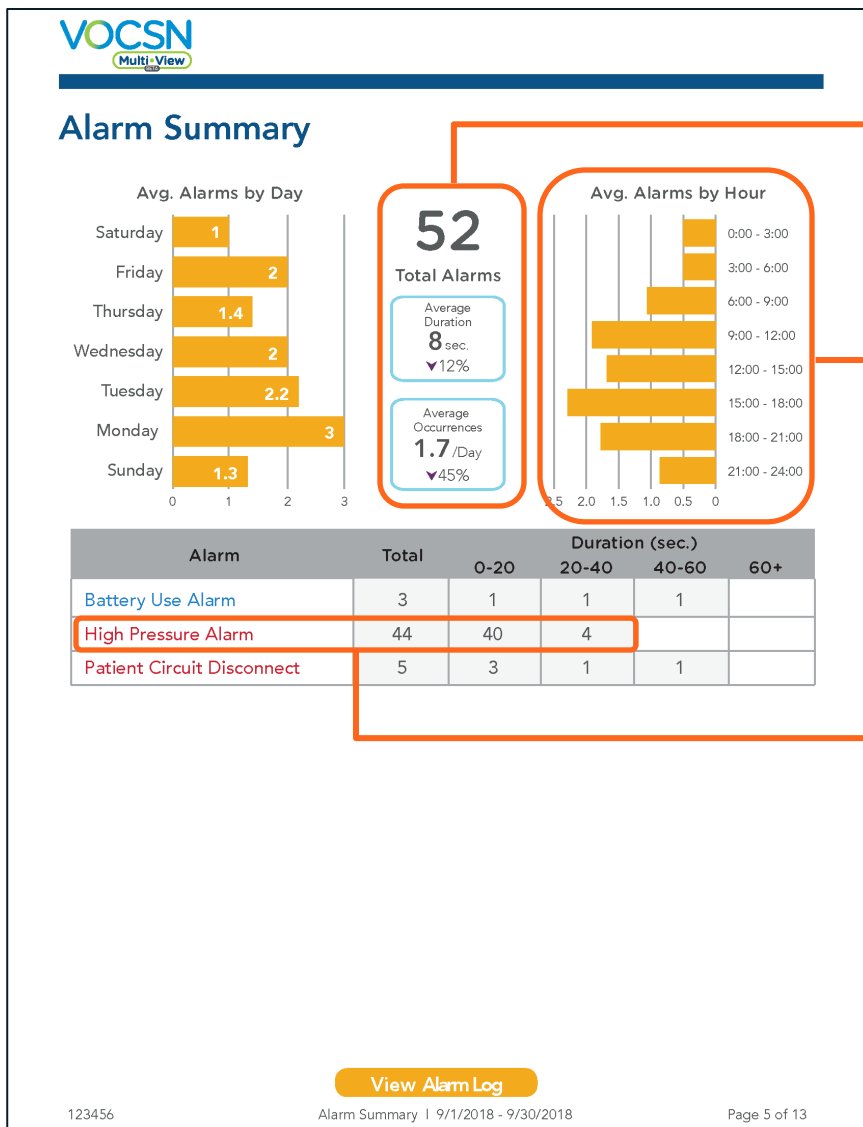


- See how the frequency of therapy use and alarms evolves over time.
- In this example, an increase in Cough therapy generated a reduction in Oxygen use.

- View settings changes across all therapies in one easy-to-read chart.
- Understand interaction between settings changes, therapy usage, and alarms.



Alarm Summary



• Trended alarm insights include average alarm duration and number of alarms per day.

• View average alarms by day and by hour to spot schedule-related patterns.

• Easily spot frequently occurring alarms, as well as their typical duration.



Monitor Details

- Detailed multi-therapy monitors for Ventilation, Oxygen, and Cough.

✓ Breath Rate

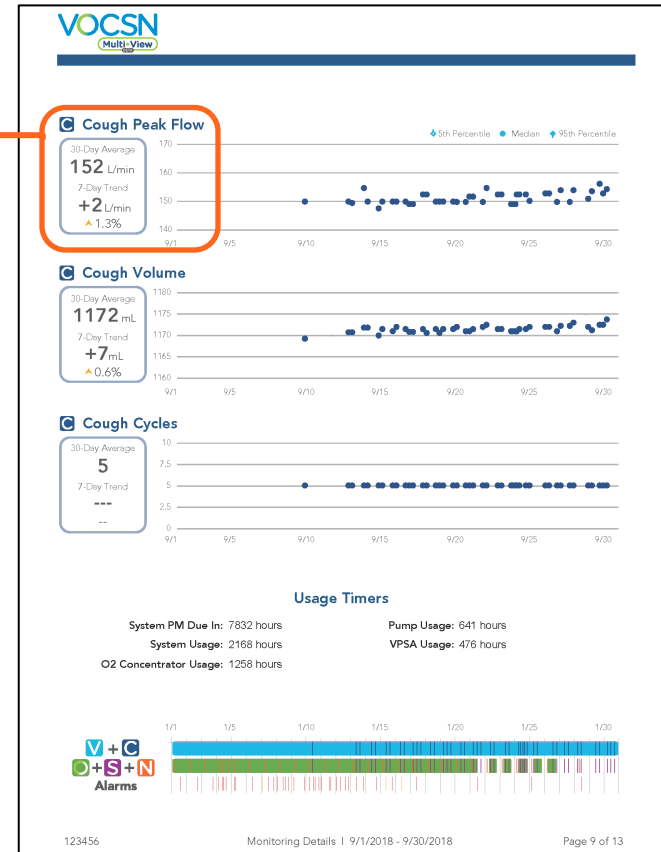
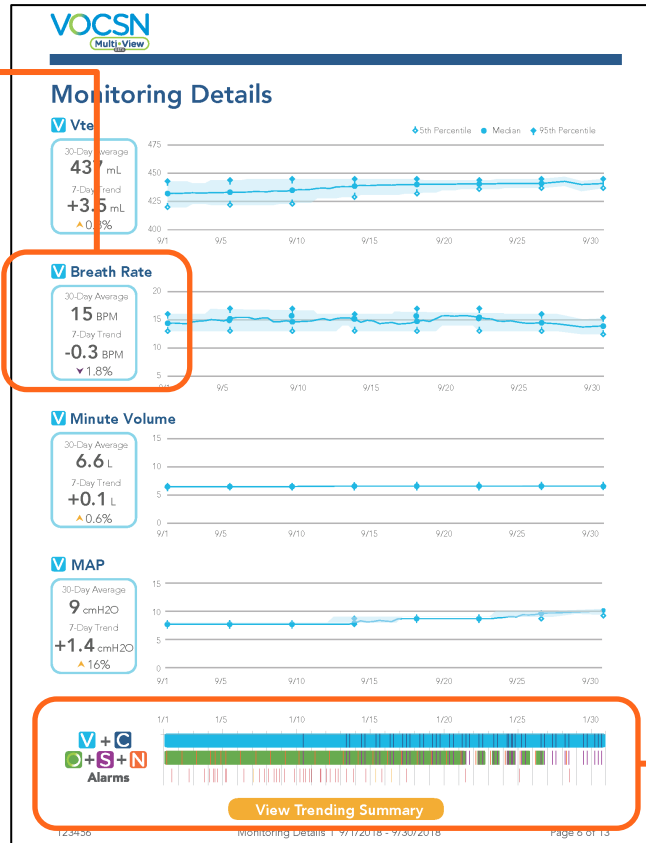
30-Day Average

15 BPM

7-Day Trend

-0.3 BPM

▼ 1.8%



- Understand details of how monitors change within the context of multi-therapy use.



Logs: Therapy, Alarms, Configuration, and Events

Therapy Log

Therapy	Start	End	Duration
Oxygen Therapy	9/2/2018 14:01:22	9/2/2018 14:02:53	01:31
Delivery Mode: Pulse Dose			
Cough Therapy	9/2/2018 14:05:47	9/2/2018 14:05:47	00:00
Preset: 1 - Low			
Suction Therapy			
Suction: -200 mmHg			
Neublizer Therapy			
Oxygen Therapy			
Delivery Mode: Pulse Dose			
Cough Therapy			
Preset: 1 - Low			
Neublizer Therapy			
Oxygen Therapy			
Delivery Mode: Pulse Dose			
Cough Therapy			
Preset: 1 - Low			
Neublizer Therapy			
Oxygen Therapy			
Delivery Mode: Pulse Dose			
Neublizer Therapy			
Suction: -200 mmHg			
Neublizer Therapy			
Oxygen Therapy			
Delivery Mode: Pulse Dose			
Neublizer Therapy			

Alarm Log

Alarm	Start	End	Duration
All Therapy Disabled Alarm	09/16 14:04:46	09/16 14:04:52	0:00:06
High Pressure Alarm	09/16 14:10:55	09/16 14:11:02	0:00:07
Low Insp. Pressure Alarm			
Patient Circuit Disconnect Alarm			
Patient Circuit Disconnect Alarm			
Battery Use Alarm			
Patient Circuit Disconnect Alarm			
Check O2 Source Alarm			
Check O2 Source Alarm			
Low Insp. Pressure Alarm			
Low Minute Volume Alarm			
All Therapy Disabled Alarm			
Low Minute Volume Alarm			
High Pressure Alarm			
Low Minute Volume Alarm			
Low Insp. Pressure Alarm			
Patient Circuit Disconnect Alarm			
Battery Use Alarm			
Alarm Volume Control Changed			
PREVIOUS VALUE	High		
UPDATED VALUE	Low		
Clinician Access Unlocked			
Audio Pause Initiated			
Audio Pause Canceled			
Clinician Access Locked			

Configuration Log

System Configuration

Setting	Details	Date	Time
Device Powered On			
Pre-Use Test			
RESULT	Pass		
RESISTANCE	A=4.002e4		
KLEAK	5		
O2PPD	0 psi		
O2CPD	0 psi		
CV FAILED FLOW	0 L/min		
CV FLOW LIMIT	0 L/min		
Alarm Volume Control Changed			
PREVIOUS VALUE	High		
UPDATED VALUE	Low		
Clinician Access Unlocked			
Audio Pause Initiated			
Audio Pause Canceled			
Clinician Access Locked			

Ventilator Configuration

Setting	Details	Date	Time
Apnea Alarm Changed			
PREVIOUS VALUE	20 seconds		
UPDATED VALUE	OFF		
PRESET	2: DAY		
Breath Rate Control Changed			
PREVIOUS VALUE	12 BPM		
UPDATED VALUE	10 BPM		
PRESET	2: DAY		
IPAP Control Changed			
PREVIOUS VALUE	17 cmH2O		
UPDATED VALUE	25 cmH2O		
PRESET	3: WEAN		

Event Log

Events	Detail	Date	Time
Battery Use Alarm Resolved		9/26/2018	10:07:14 PM
Alarm Log Cleared		9/26/2018	10:07:14 PM
Audio Pause Initiated		9/26/2018	10:07:11 PM
Battery Use Alarm		9/26/2018	10:07:09 PM
Device Powered On		9/26/2018	10:07:09 PM
Clinician Access Unlocked		9/26/2018	10:07:09 PM
All Therapy Disabled Alarm		9/10/2018	8:16:42 PM
Device Powered Off		9/10/2018	8:16:42 PM
Audio Pause Canceled		9/10/2018	8:16:33 PM
Audio Pause Initiated		9/10/2018	8:15:33 PM
Battery Use Alarm		9/10/2018	8:14:28 PM
Device Powered On		9/10/2018	8:14:28 PM
Clinician Access Unlocked		9/10/2018	8:14:28 PM
All Therapy Disabled Alarm		9/10/2018	6:18:58 PM
Device Powered Off		9/10/2018	6:18:58 PM
All Therapy Disabled Alarm		9/10/2018	6:17:22 PM
Device Powered Off		9/10/2018	6:17:20 PM
Oxygen Stopped		9/10/2018	6:16:20 PM
THERAPY DURATION	00:03 mm:ss		
Oxygen Started		9/10/2018	6:16:08 PM
PRESET	1: Preset 1		
O2 Flow Equivalent Control Changed		9/10/2018	6:15:08 PM
PREVIOUS VALUE	5.0 L/min		
UPDATED VALUE	6.0 L/min		
PRESET	1: Preset 1		
Device Powered Off		9/10/2018	5:54:43 PM
Alarm Log Cleared		9/10/2018	5:54:43 PM
Battery Use Alarm Resolved		9/7/2018	8:19:25 PM
Audio Pause Initiated		9/7/2018	8:15:33 PM
Battery Use Alarm		9/7/2018	8:14:28 PM
Device Powered On		9/7/2018	8:14:28 PM
Alarm Log Cleared		9/7/2018	8:13:36 PM

- Detailed logs provide insight into all aspects of VOCSN therapy use.
- Logs provide the exact start and stop time of every VOCSN event.
- Customizable reporting allows logs to be omitted from reports for brevity when desired.