

# Somno-Art Portal Healthcare Professional Manual



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### 1 Introduction

The Somno-Art System is composed of the Somno-Art Device (Figure 1), an electronic armband recording the patient physiological data, the Companion (Figure 2), a PC/MAC software for configuration and raw data retrieval, the Somno-Art Portal (Figure 3), a web platform to securely send the recorded data for analysis and to retrieve the sleep report for each night, and the Somno-Art Software (Figure 4), that analyses the raw data to provide the full sleep analysis and send it on the web platform.



The four positions for Somno-Art System are:

- **Patient** Needs to have his or her sleep evaluated. Records their sleep with the Somno-Art Device.
- Healthcare Professional The medical practitioner, such as a doctor or nurse, that provides a Somno-Art Device to patients.
- Sleep Study Manager The PPRS associate that verifies the quality of the file from the sleep device.





 Sleep Expert – The PPRS associate that verifies that the final Sleep Report is accurate and complete, so it can be passed to the Healthcare Professional

This user guide describes how **Healthcare Professional** use the **Somno-Art Portal** (graphical interfaces) to do their parts in the Somno-Art System Data Flow to serve patients that use the Somno-Art Device to gather data about their sleep patterns.

Somno-Art Device and its Companion is a CE Class IIa medical device.

Somno-Art Software is a CE Class I medical device.

Their respective Healthcare Professional manuals are available on <a href="https://www.somno.art/">https://www.somno.art/</a>

#### 1.1 Portal

Somno-Art Portal – The graphical interface used by medical care organization personnel, for Healthcare Professionals. <u>https://portal.somno.art/</u>

#### 1.2 Data Flow

This diagram shows the Somno-Art System Data Flow (also referred to as "the Flow") starting with the file created by the Somno-Art Device, through initial verification of the data quality, continuing with the final verification of the Sleep Report that the Healthcare Professional uses to continue the medical care of the patient.







The Sleep Study Manager verifies the quality of the initial file from the Somno-Art Device is good enough to progress to the next step in the Flow.





## 2 Healthcare Professional in the Device Data Flow

#### 2.1 The Healthcare Professional

The Healthcare Professional is a medical care provider that interacts with patients and may use the Somno-Art System to better understand the patient's sleep patterns.

The Healthcare Professional provides the Somno-Art Device to the patient to gather data about the patient's sleep patterns. When the patient returns the Somno-Art Device, the Healthcare Professional will be able to import the data on his/her computer using the Companion software (provided with the Somno-Art Device), and then upload the data to the Somno-Art Portal.

The data is then processed as it goes through the steps of the Flow (see Data Flow and Personnel). When the data completes all steps of the Flow successfully, the Healthcare Professional receives a Sleep Report that can be used for medical decisions.

#### 2.2 Adding a Patient

If patient information have not been entered before, you can add them to the Somno-Art Portal as follows:Access the Somno-Art Portal at <u>https://portal.somno.art/</u>

2. Under **Patients**, select **Add+**.

Seanization	Patients	Caregivers	Organization Users	Devices	Sleep Sessions	
Patients 4 Items Add +						
Name ≑		Patient Code 💠	7		Date of Birth ‡ 7	Gender 🗘 🎗
Dubois Richard		P017			9/13/22	Male
Karswell Simon		P014			9/4/22	Male
Bernard Sophia		P011			9/2/22	Female
Durand Mike		P001			9/9/22	Male

Enter the details for the new patient and then press Add.





Add Patient (step 1/1) STEP 1 - GENERAL			
Name*			
Laurent		Pocant	
Gender*		Date of Birth*	
Male	~	10/02/1965	Ħ
Description			
Туре			
Phone		Additional Phone	
Type a phone		Type a phone	
Address			
		State	

The patient is added to the list of patients.

**Note:** You can see the patient details by clicking on the patient in the list and then clicking **Expand**. You can then edit the details by clicking **Edit Details**. You can delete a patient by clicking **Delete** located in the top right corner of the selected patient.

Section Organization	Dubois Richard   Patient		
Patients	Overview Observations Sleep Session		
4 Items Add +			
Name 💠	<u> </u>		
Dubois Richard			
Karswell Simon	C Edit Details		
	Name	Gender	Date of Birth
Bernard Sophia	Dubois Richard	Male	9/13/22
Durand Mike	Description	Phone	Additional Phone
	Address	Creation time	Clinic
		9/21/22, 6:10 PM	NY_Med
	Caregiver	National ID	Last modified time
	Pepsi Grepsi	12389uhe	10/1/22, 4:28 PM
	Device	Sleep Session	Email





#### 2.3 Uploading Device Data to the Portal

When the patient returns the Somno-Art Device, you need to upload the data from the device to the Somno-Art Portal, as follows:

- 1. Access the Somno-Art Portal at <a href="https://portal.somno.art">https://portal.somno.art</a>
- 2. Import the SAR file from the Somno-Art Device to the computer using the Companion.
- 3. Click on the name of the patient, and then click on **Expand**.
- 4. Click on **Sleep Sessions** to see all of the sleep sessions for the patient.

Overview Observation	s Sleep Sessions	
C Edit Details		
Name	Gender	Date of Birth
Dubois Richard	Male	9/13/22
Description	Phone	Additional Phone
Address	Creation time	Clinic
	9/21/22, 6:10 PM	NY_Med
Caregiver	National ID	Last modified time
Pepsi Grepsi 🛛 🗹	12389uhe	10/1/22, 4:28 PM
Device	Sleep Sessions	Email





Overview 0	Observations	Sleep Sessions	
Sleep	Sessio	ns	
1 Items +	Sleep Session		
Sleep Ses	Add new Attach		Sleep Analysis 🍦 🏹
NYME_P0	17_20210330-	2313 1	n Process

5. Click + Sleep Session and then click Add new.

6. Select the Somno-Art Device Serial Number used by the patient.

#### 7. Upload the SAR file.

#### Click Add.

Karswell Simon Vriginal SAR File* Upload file S-A-X4	^
riginal SAR File* S-A-X5	
Upload file S-A-X4	
Max size 5 MB	





#### 2.4 Receiving the Sleep Report

1. Access the Somno-Art Portal at <u>https://portal.somno.art/</u> and select **Patients**.

**Note:** If you received an email notification, the link will take you to the **Patients** page.

- 2. Find and select a patient.
- 3. Click **Expand**.

🍫 Organization		Patients Caregiver	s Organization Users	,	English V Some (ART 29
Patients 4 Items Add +			Q.	Search	Delete
Name 🗘	Patient Code ≑ ⊽	Date of Birth $\eqriftarrow$ $\nabla$	Gender ≑ ⊽		0
Dubois Richard	P017	9/13/22	Male		Dubois Richard
Karswell Simon	P014	9/4/22	Male		Patient
Bernard Sophia	P011	9/2/22	Female		Expand
Durand Mike	P001	9/9/22	Male		Name Dubois Richard
					Date of Birth 9/13/22
					Gender Male
					Phone
					Email
			< 1 > 1-4 of -	4	
Powered by 🖸 bioT					





#### 4. Click Sleep Sessions.

Overview Observation	s. Sleep Sessions	
Edit Details		
Name	Gender	Date of Birth
Dubois Richard	Male	9/13/22
Description	Phone	Additional Phone
Address	Creation time	Clinic
	9/21/22, 6:10 PM	NY_Med
Caregiver	National ID	Last modified time
Pepsi Grepsi 🖸	12389uhe	10/1/22, 4:28 PM
Device	Sleep Sessions	Email
	NVME 0017 20210220-221	° ⊑ <b>7</b>

#### 5. Select a Sleep Session with status **Analysis Ready**.

Durand Mike   Patient Overview Observations Sleep Session	ons				Disable
Sleep Sessions				Q Search	Delete
Sleep Session ID 🗘 🎔	Sleep Analysis Status 🗘 🎔	Creation time $\mbox{$\ddagger$} \mbox{$\P$}$	Last modified time $\stackrel{+}{_{\mp}} \nabla$		
Mike_P001_20210330-2313	Analysis Ready	9/20/22, 9:40 AM	9/20/22, 9:56 AM		Mike P001 20210330-2313
d978_P001_20210330-2313	In Process	9/16/22, 11:19 PM	9/21/22, 10:00 AM		Sleep Session
					Expand
					Sleep Session ID Mike_P001_20210330-2313
					Sleep Analysis Status Analysis Ready
					Steep keport
			< 1 >	1-2 of 2	Healthcare Professional Feedback Hi Mike
			< 1 >	12012	

6. On the right side, click **Sleep Report** to download the PDF file.





7. Repeat this for all sleep sessions with the status **Analysis Ready** under **Sleep Analysis Status**.

Note: You can see the Sleep Session by clicking Expand.

The Sleep reports can also be downloaded in the Sleep Sessions tab, by clicking directly the download button in the list