

# RevolutionEHR Essilor Clarifye Plus and Essilor Connect Integration

Updated March 2024

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**IMPORTANT NOTE:** This User Manual is designed to provide practices all fundamental information required to perform the setup without assistance. However, if assistance is required, we request that a call be scheduled with Customer Support. Due to the technical component and time required when assisting practices with device integration, a scheduled call will ensure that the appropriate Subject Matter Expert is available and has sufficient time to provide the help needed. To request a call with a Subject Matter Expert, please email <u>customersupport@revolutionehr.com</u>.

In addition, if you have a device rep coming onsite to help set up your CLARIFYE+ instruments integration with RevolutionEHR, be sure to email ahead if you believe you will need assistance from RevolutionEHR.

# **CLARIFYE+ Essilor and Connect Instruments Integrated with RevEHR**

The following Essilor Instruments are integrated with RevolutionEHR through the RevolutionEHR Integrator software CLARIFYE+ Connect Instruments

CLARIFYE+ LENS PROFILER (ALM 700) CLARIFYE+ VISION PROFILER (WAM-700) CLARIFYE+ PRECISION PROFILER (Vision-R 800)

# **Support Contact Information**

For help with installation and configuration specific to the CLARIFYE, please contact CLARIFYE Technical Support via the Support icon on the CLARIFYE+ Consultation System or Submit a CLARIFYE+ Support template request

For help with installation or setup and configuration of RevolutionEHR integrator, please contact: RevolutionEHR Customer Support Phone: 1-877-REVEHR1 (1-877-738-3471) Email: <u>integrator@revolutionehr.com</u>

### **RevolutionEHR Integrator**

The RevolutionEHR Integrator is free software developed by RevolutionEHR that is installed on one or more computers in your office and acts as the bridge between the actual device/instrument and the RevolutionEHR servers. It will communicate with the CLARIFYE+ instruments, read the data from the devices, and then send the data to the RevolutionEHR database to the exam/patient selected by the user. Download the RevolutionEHR Integrator software from this web page:

Install multifile RevIntegrator

(Be sure to use the file at this URL as it contains RevIntegrator 2.1 which is needed for the CLARIFYE+ integration. If you already have RevIntegrator installed, you will need to update to this version by downloading the installer linked above.)

# Clarifye Desktop Integrator - ONLY FOR CLARIFYE (NOT CONNECT USERS)

You can install the Clarifye Desktop Software from this link <u>http://mc.sunglasshut.com/content/clarifye\_install/clarifye-installer-1.3-essilor-x86.exe</u> You will need an Agent Key provided to you by Lux tech support. This is needed to complete the integration. Please reach out to your store's tech support for any questions.

Once the software is installed, launch the RevolutionEHR Integrator software by clicking on the Desktop icon:

	HR Integrator - Logi	ATOR
Usemame		
Exit		Login
	Connection Setting	-

The first time you open the software, from the Login screen, click the Connection Settings button.

Connection Settings dialog box appears:

	Environment		
	US Production	Canadian Production	Custom
	O US Sandbox	🔘 Canadian Sandbox	
Username	DEVICE-1-F .w	1	
	NN1 N		
Password			

In Environment, choose US or Canadian Production and then the Username, Password and Location Id is obtained by logging into the RevolutionEHR web application, then click Admin (screenshots below)

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<b>←</b> Ja	inuary 8, 2	016 🔸	Today		All Provid	ers -	v	Filter	<b>•</b> •	U.	•2, ▼			
	Upcom	ning 👩			In-Pi	ogress	0			Cor	npleteo	0		

For the Location ID, you can find the location/office ID from the Administration screen under Locations, like this (ID is the first column):

← → C 🔒 Secure   https://www.rev	olutionehr.	ca/pms/index.html#/admin			1	1 🟠 🚺	i 🛈 🚚
Apps 🧿 1_LocalDev RevEHR P 💿 2_QA	RevEHR PMS	3_Prod RevHR PMS 🔒 R	eichert Technologie 🔲 Business	Class   Trello	Path Tester / Evaluat	» 📘	Other book
🧿 🕈 🛍 🔟 🌹 🗞	e 🧐 🚽	Р 📖 😅			Q - 1	e: 0-	8- 4-
General	Practice L					_	_
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Locations Contacts				016	Date Developer		Charles -
		Location Name	Address	City	State/Province	Zip	Status
Contacts	# 1190	Location Name Canada 2	Address 123 SouthEast	City Calgary	Alberta	Zip T3M 2J6	Active
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Contacts Security Practice Preferences Agreements	# 1190 1191 1	Location Name Canada 2 Canada 3 Canada Test Practice Mobile	123 SouthEast	Calgary	Alberta Ontario Ontario	T3M 2J6	Active Active Active

Visit General > Practice Preferences. On the Partner Integration tab, you will see a "Device Interfaces" section that will list the various device interfaces like this:

Partner	User Name	Password	Enabled	Note
Marco	DEVICE-1-	al 4	Yes	Enabled by (jsc
RevEHR Integrator	DEVICE-1- w	i g	Yes	Enabled by (joe) on (01/31/2014)
RevEHR Integrator for Imaging			No	
Optikam	DEVICE-1-	c a	Yes	Enabled by (ms ) on (05/03/2017)

Select the RevEHR Integrator row and press the enable button. Copy, and paste the username and password fields from the grid into the Username and Password fields in the RevolutionEHR Integrator configuration/setup screen.

your softwar	e. Customer support is also av-	1-877-REVEHR1 for details or he ailable at: <u>CustomerSupport@Re</u>	evolutionEHR.com
	Environment		
	O US Production	Canadian Production	Custom
	O US Sandbox	🔘 Canadian Sandbox	
Username	DEVICE-1-F .w		
Password	NHI N		
Location Id	6		
Location Id	6		

Click Save the Connection Settings dialog box will close.

When a user Logs into the RevolutionEHR Integrator following this set-up they will do so with the same credentials used to log into the RevolutionEHR web application.

Once the RevIntegrator software is installed, and you're logged in, from the Settings screen, click the Add Device button and then select the CBOX XML device, then click Add Device.

1	Revolution	utionEHR Integrator - Add Device	×	
	Device	Canon	^	
		RK-F2		
		Essilor		
		AKR		
		ALM		vice
		APR		VICI
Deskt		CBOX XML		
		ELM		
To cre he na		ERK		ter
		Huvitz		
-		CDR-Mate/HDR-Mate		a.t
-		HLM		
Devic		HNT		
		HRK		viev
Name		Nidek		viev
		LM600	~	
		RT-5100	•	
	Name	Essilor CBOX XML		

Once the CBOX XML device is added, the Path setting might need to be updated to match your PC or your CBOX's configuration.

Be sure the "Disable Preview" checkbox is checked. The File Connection Path field will need to be edited to point at **"C: \Clarifye" or C:\Connect."** To do so, click the "..." button on the line Path under File Connection > Path.

Section XML       Image: CB0X XML       Image: CB0X XML         Vice       Add Device       Add Device       Remove Device         vice       reade a desktop shortcut to automatically select this device for data capture, enter the name of the shortcut in the text box and click "Create Shortcut"       Image: CB0X XML       Image: CB0X XML					
Add Device Remove Device vice exclose Status or create a deaktog short.ut to automatically select this device for data capture, enter the name of the short.ut in the text box and clck. "Create Short.ut" (Create Short.ut) (Create Shor	ame	Device		Enabled	Disable Preview
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a create a desktop shortout to automatically select this device for data capture, erter the name of the shortout in the text box and dick. "Create Shortout"	vice				
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Image: Select CBOX XML     Image: Select CBOX XML                 Persone File Filter	evice Settings				Create Shortcu
Rename File Filer     *submitted       File Connection     *suff       File Filter     *suff       Part     *Suff       Read Timeo.d     *	Essilor CBOX XML				
Renume File Filter     *submitted       File Connection     *smit       Filter     *smit       Parth     *Smit       Read Timeout     v	<ul> <li>After Submitting</li> </ul>				
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Filer     *and C:\Clarifye       Read Timeout     0			C:\Clarifye		
Read Timeout			1 xml		
			C:\Clarifye		
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Path					
Path		6			
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Using the Windows Pop, highlight "C:\Clarifye" from "This PC" and click "Select Folder." Confirm that the correct selection is entered for "Path" and click "Save."

# CLARIFYE+ Files Integration

The CLARIFYE+ system maps the exam results to Patient Encounters. This integration requires the RevIntegrator to be installed and running on a Windows-based PC. The instructions below will explain the setup and configuration of this integration.

CLARIFYE+ Instruments which are integrated include:

# CLARIFYE+ Instruments

CLARIFYE+ LENS PROFILER (ALM 700)

CLARIFYE+ VISION PROFILER (WAM-700)

CLARIFYE+ PRECISION PROFILER (Vision-R 800)

## Clarifye + and Connect Workflow

Please Note: Ensure exam has been completed and the "Export" button has been pressed in the CLARIFYE+ or Connect Exam app prior to completing the following action. To capture patient measurements and upload them to RevolutionEHR please follow this basic workflow.

1) From RevIntegrators main screen, select the Patient from the list of today's active encounters. Select the Essilor CBOX XML device. If there's only one device hooked up and configured, it will be automatically selected. Click the Capture Data button in the lower right-hand corner.



2) A file list screen will open. Click the Search field and scan the QR code for the patient that is within the Exam App on the CLARIFYE+ Consultation System.

This QR code can be displayed from CLARIFYE+ by selecting the same patient in the CLARIFYE+ Exam app on the CLARIFYE+ Consultation System.

The QR code is displayed next to the patient on the List of the Day or on the patient's refraction screen.

	First Name: Test	Date
	Last Name, Datient	Gen
	Eye exam	PI
Summary	Current Spectacles Right	
Refraction	S (D) C (D) A (°) Add (D) P	PH (

iles				Search: Tester Reset	
\Clarifye Name	Date Modified	Status	Size		
esterVR800.xml	7/9/2019 3:26:23 PM	Status	14667		
	7/3/2019 3:38:21 PM		5882		
	7/3/2019 3:38:18 PM		2229		
all ALM / UU AINI AINI	7 3/2013 3.30.18 PM		2223		
				N	
				N <sub>3</sub>	
				Þ	
				Þ	
				L <sub>3</sub>	
				<b>b</b>	
				Þ	
				Þ	
Cancel				L2 Send Selected	

3) Scanning the QR code will autofill the Search field with the patient's ID and narrow the Files results to only files for the patient

4) Double check the file list matches the intended patient then click "Send Selected."

5) To view the results, open the RevolutionEHR web application, find the patient, find their encounter. Each encounter has multiple tests so please refer to the next page for the tests that each device maps to.

NOTE: If the results are not displaying on-screen, click the Refresh of your RevolutionEHR encounter screen. This forces the latest results to be displayed.

# **CLARIFYE+ RevolutionEHR Test Configuration**

The following tests are required to be present within an encounter to successfully import all XML files generated by the CLARIFYE+ exam. Missing tests will cause an error to display when importing data.

#### Autorefraction:

Autorefraction		•	Notes (B	) 🔒	60	6
	Sphere		Cyl		Axis	
OD		•		:		÷
OS		•		-		÷
Validity/C	onfidence			-		

#### Final Refraction with Prism:

Final	Refraction W	/ith Prism					Refraction	Notes	3 🔒 🕥	
	Sphere	Cyl	Axis	H Prism	H Orient	V Prism	V Orient			
OD	1	1	-		-	-	•	20/	•	•
os	•	-	1	\$	•	-	•	20/	•	•
ou	_		_			_		20/	• 10	
ADD	:							20/	•	•

#### Keratometry:

	Power			H Meridian		Power			V Meridian
OD	1.44			-	1	_			
		÷	0		1			8	
OS		-	0	-	1		\$	6	
Mire Quality				100			7		

#### Lensometry with Prism:

ensometry	y With Pris	sm									Refraction 😨 Note	• 🕑 🔒 (	00
S	phere	Cyl		Axis		Interm. Add	Near Add	H Prism	H Orient	V Prism	V Orient	BC	Seg Ht
OD	¢	-	÷		÷	:		÷	•	÷	•	¢	\$
os	÷	-	•		•	\$	:	i i		-	•	÷	-
DPD	÷		Use			•					Seg Type	•	•
NPD	\$		Note										

#### NCT:

NCT	Notes 🕑 🔒	803
IOP	OD	OS
Time	T	T

#### **Optical Pachymetry:**

Optical Pachy	metry	Notes 🕑 🌔	0
	OD	OS	
Central Pach	*	Central Pach	•
Max Pach	-	Max Pach	•
Min Pach	-	Min Pach	•
Average Pach	*	Average Pach	*
Comments		Comments	_

#### Pupils:

Pupils					Notes 🕑 🍙 🔿 🕲 🕤
	PERRLA		Binoc. Dist. PD	Binor	c. Near PD
	Dim	Bright	Direct Response	Monoc. Dist. PD	Monoc. Near PD
OD	w mm	with mm	-	-	•
OS	The mm	The mm	-	\$	-
APD	Negative	Right Left			
	Reactive to	Accommodation			

#### Vision-R 800:

sion-R 800					Refraction 🏚	Notes 🕑 🚺	
	OD				OS		
	Full Corr	ection			Full Corr	ection	
Sphere	Cyl	Axis	Add	Sphere	Cyl	Axis	Add
•	÷	÷	-	-	÷	÷	÷
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H)	Base (H)	Prism (V)	Base (V)
÷	•	÷	•	÷	•	÷	•
	Subj. Day 8	Standard			Subj. Day 8	Standard	
Sphere	Cyl	Axis	Add	Sphere	Cyl	Axis	Add
•	÷	•	÷	-	•	÷	÷
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H)	Base (H)	Prism (V)	Base (V)
\$	•	÷	•	•	•	÷.	•
S	ubj. Day Hig	h Precision		s	ubj. Day Hig	h Precision	
Sphere	Cyl	Axis	Add	Sphere	Cyl	Axis	Add
\$	-	-	\$	-	-	-	-
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H)	Base (H)	Prism (V)	Base (V)
\$	•	÷	•	÷	-	÷.	•
	Subj. Night	Standard			Subj. Night	Standard	
Sphere	Cyl	Axis	Add	Sphere	Cyl	Axis	Add
•	÷	÷	¢	÷	-	-	÷
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H)	Base (H)	Prism (V)	Base (V)
•	•	÷	•	÷	•	-	•
Su	bj. Night Hig	h Precision		Su	ıbj. Night Hiç	h Precision	
Sphere	Cyl	Axis	Add	Sphere	Cyl	Axis	Add
-	-	-	•	-	-	-	\$
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H)	Base (H)	Prism (V)	Base (V)
-	-	-	•	-	-	-	

# Creating Prescriptions Using the Vision-R 800 Test

- 1) Imported CLARIFYE+ data should already be present within the test
- 2) Right-Click "Refractions" in the exam header. Then click the refraction you would like to create a new glasses prescription with.

Sphere	OD Full Corr Cyl		Add	Full C Sphere Cyl	Import Refraction Create Eyeglass Rx - Vision-R 800 Full Correction Create Eyeglass Rx - Vision-R 800 Subj. Night High Precision Create Eyeglass Rx - Vision-R 800 Subj. Day High Precision
3.99	-0.22	122	+1.40	-4.04 -1.25	Create Eyeglass Rx - Vision-R 800 Subj. Day Standard Create Eyeglass Rx - Vision-R 800 Subj. Night Standard
Prism (H) 0.30	Base (H) BO ▼	Prism (V) 2.00	Base (V)	Prism (H) Base (I 0.10 BI	Settings Global Settings
Sphere	Subj. Day S Cyl	Standard Axis	Add	Subj. D. Sphere Cyl	Check for Updates About Adobe Flash Player 32.0.0.270 (64-bit)
4.00	•	-	+1.50	-4.00 🔷 -1.25	Speech
Prism (H)	Base (H)	Prism (V)	Base (V)	Prism (H) Base (H)	Prism (V) Base (V)
0.30	BO 🔻	2.00	BD 🔻	0.10 🚔 BI 👻	0.10 🔶 BU 👻

3) Prescriptions can be viewed, authorized, and printed on the Eyeglass Review screen.

Jacobson, Luigi * Age:	20 Years #59771825				Export To	Optos Optor T	o Optovue 🛛 🔤 Expo	t To Zeiss Forum	🖲 Message 🛛 🔞	Add Task	Record Summer	nary 😑 🤅	Communicate	E Boo
Exam History														
History 10/15/2019 💥														
Workflow Steps	Eyeglass Review				•	Launch Optos Review	Launch Zeiss For	am 🕜 Review (	Clin. Summ.	Comm.	👰 J. Beecher	Task	Notes	Umv 🗄
Clarifye	Rx History													
Optical														
Eyeglass Review	Date	Status	Auth By	Used For		Sphere	Cyl	Axis	Near Add	H Pr	rism	V Prism	PH	R
Assessment & Plan	10/15/2019	Pending			OD OS	-3.99	-0.22	122 029	1.40	0.30		2.00 BD	No	
Check-Out					OS	-4.04	-1.25	029	1.64	0.10	) BI	0.10 BU		

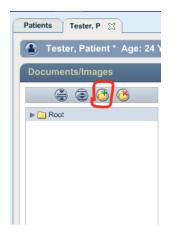
\*Note the test "Final Refraction with Prism" will be populated with Subjective Day Standard by default\*

## **Uploading CLARIFYE+ Forms**

At the conclusion of a CLARIFYE+ exam, there will be forms available which can be added to the patient's file. We recommend creating a dedicated folder within Documents/Images to store these forms.

First open any patient file and use the navigation bar to open "Documents/Images."

Next, in the upper left corner of the screen click "New Folder"



This will open the "Add Folder" modal. Type in the name "CLARIFYE" to name the folder and click "Add." There should now be a CLARIFYE folder within the patient's Documents/Images. The folder will automatically exist within all patient files for your practice.

This folder can now be used to store CLARIFYE+ forms at the conclusion of an exam. Once an exam is complete, open the folder for the current patient, and click "Upload File" in the upper right.

Tester, Patient * Age: 24 Yea	ars #60585969	📀 Export To Revintegrator 🛛 👧 E	xport To Optos 💿 Export To	Optovue Export To Zeiss Forum	🔹 Imaging 🛛 (😗 Messag	e 🎯 Add Task	Record Summary	Communicate (	Book Ap
Documents/Images									8
🖨 🔕 🌀 C	LARIFYE							6 🚯 🗿 🔂 🗊	
🔻 🚞 Root	Name	Туре	Size	Date		Description			
Agreements									
▶ 📴 Images									
ArchivedEncounters									
Transferred Message Files									
OTDocumentation									
CTTherapy									
► 🚞 Historical Data from Visions a									
Other									

This opens a file browser which can be used to select any CLARIFYE+ forms for the patient within the "C:\Clarifye" folder. You may upload multiple CLARIFYE+ PDF forms at one time. Once upload is complete, these forms will now always be available to you within the patient's CLARIFYE+ folder.