

Integration Setup

Visual-Eyes and OptikamPad

About

The objective is to have Visual-Eyes integrate with the OptikamPad App to pass information back and forth, streamlining workflow for dispensers.

Required items

- **OptikamServer.exe** - This is a web service that communicates between the iPad Optikam application and Visual-Eyes.
- **cloud.optikam.com account** - Client is required to have an active subscription with Optikams cloud services. The client will be given an account and will need to know their username and password.
- **iPad** required with the OptikamPad App installed.

Visual-Eyes Web Service Setup

Configuring Optikamserver.exe

1. This file will be provided and configured by a Visual-Eyes Technical Support Agent. They can be reached at support@visual-eyes.ca or 403-314-1322 ext 1.
2. A port will be given for this service and it will be needed to be configured in the firewall to be allowed throughout the internal network.

Visual-Eyes Workstation Setup

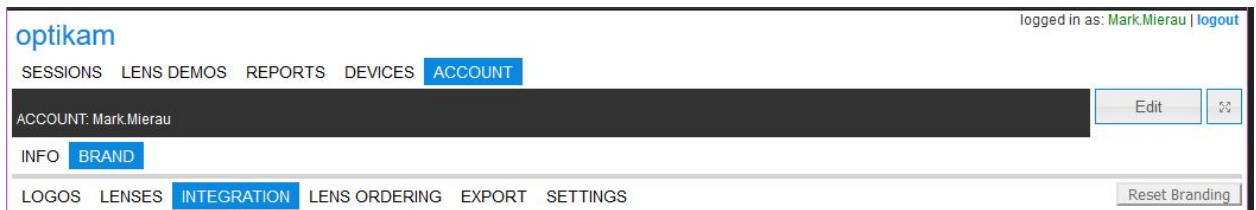
Each workstation requiring the integration will need to be setup to pull information from the OptikamPad App. To setup the workstations follow these directions:

1. Open Visual-Eyes.
2. Choose any patient then navigate to the Rx screen.
3. Navigate to the top menu option Equipment>Setup.

4. Fill in the Optikam server field with the optikamserver.exe host computer's IP address used in the [Optikam integration settings](#)

Cloud.Optikam.com Setup

1. Optikam will need to provide the clinic with an account to their web portal online at <https://cloud.optikam.com/>.
2. Navigate to <https://cloud.optikam.com/> and login with the provided client's account.
3. Navigate to ACCOUNT>BRAND >INTEGRATION.
4. Hit Edit at the top right. Then fill in the information below



The screenshot shows the Optikam web portal interface. At the top, the user is logged in as 'Mark.Mierau' with a 'logout' link. The main navigation bar includes 'SESSIONS', 'LENS DEMOS', 'REPORTS', 'DEVICES', and 'ACCOUNT'. The 'ACCOUNT' section is expanded, showing 'ACCOUNT: Mark.Mierau' with an 'Edit' button. Below this, the 'INFO' section is expanded, showing 'BRAND' and 'INTEGRATION'. The 'INTEGRATION' section is further expanded, showing 'LOGOS', 'LENSES', 'INTEGRATION', 'LENS ORDERING', 'EXPORT', and 'SETTINGS'. A 'Reset Branding' button is visible in the bottom right corner.

- a. **Integration** will need to be changed to "Custom".
- b. The **various Urls** should use the IP of the computer that is going to host the service along with the port chosen.
i.e. `http://{HostUrl}:8080/clientsearch`
- c. **Search Terms** are comma separated strings. Visual-Eyes accepts name, phonenummer, and email.
- d. **Username** is the optikam username.
- e. **Password** is the optikam password.
- f. **API Key** is NOT needed. API key is a way to whitelist iPad users.
- g. **Basic Auth** checked is required.
- h. **Image Export** we do not support.
- i. **Disable New Order Creation**. This prevents the user from creating new orders from the iPad application. Check at clinic's discretion.

optikam logged in as: Mark Mierau | [logout](#)

SESSIONS LENS DEMOS REPORTS DEVICES **ACCOUNT**

ACCOUNT: Mark Mierau Edit ⌵

INFO **BRAND**

LOGOS LENSES **INTEGRATION** LENS ORDERING EXPORT SETTINGS Reset Branding

Integration:

Client Search Uri:

Order List Uri:

Place Order Uri:

User List Uri:

Search Terms:

Username:

Password:

API Key:

Basic Auth: ☒

Image Export: ☐

Disable New Order Creation: ☐

- j. Restart the iPad app to load these changes.
5. Note that Visual-Eyes does not support the Lens Ordering and Export options in the configurations.

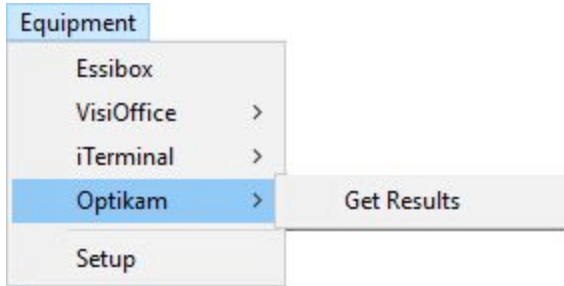
Troubleshooting

If Optikamservice.exe cannot connect to the cloud.optikam.

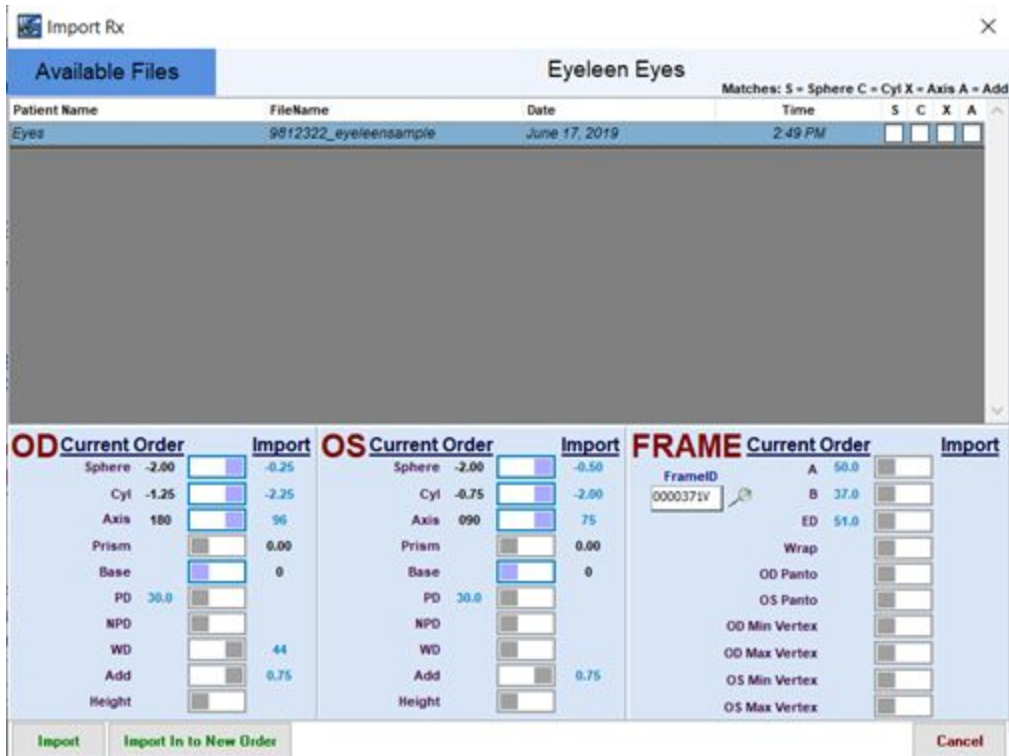
- Ensure that the IP and port are set properly in both the cloud.optikam and optikamservice application.
- Firewalls may need to be opened to accommodate for the port.

Using the Device within Visual-Eyes

Using the 'Equipment' menu, locate your device name in the list and select 'Get Results' to receive data from the machine.



The 'Get Results' option will open a screen that looks similar to the window below. All measurements in the file location with the correct naming convention and file type, will be in the 'Available Files' list. The toggles in the image below allow you to select which information will be imported from the file. Select the correct patient and click 'Import' to import data into your current order. Select 'Import In to New Order' to start a new job order with the data in the selected file. The 'Import In To New Order' option will also allow prescription values to be populated, if they exist in the equipment file.



Import Rx X

Available Files Eyeleen Eyes

Matches: S = Sphere C = Cyl X = Axis A = Add

Patient Name	FileName	Date	Time	S	C	X	A
Eyes	9812322_eyeleensample	June 17, 2019	2:49 PM	☐	☐	☐	☐

OD Current Order

Sphere	-2.00	☐	-0.25
Cyl	-1.25	☐	-2.25
Axis	180	☐	96
Prism		☐	0.00
Base		☐	0
PD	30.0	☐	
NPD		☐	
WD		☐	44
Add		☐	0.75
Height		☐	

OS Current Order

Sphere	-2.00	☐	-0.50
Cyl	-0.75	☐	-2.00
Axis	090	☐	75
Prism		☐	0.00
Base		☐	0
PD	30.0	☐	
NPD		☐	
WD		☐	
Add		☐	0.75
Height		☐	

FRAME Current Order

FrameID	A	50.0	☐
	B	37.0	☐
	ED	51.0	☐
	Wrap		☐
	OD Panto		☐
	OS Panto		☐
	OD Min Vertex		☐
	OD Max Vertex		☐
	OS Min Vertex		☐
	OS Max Vertex		☐

Import **Import In to New Order** **Cancel**