

Optikam Interface Installation Guide v 1.6

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Summary

This Guide will go over the setup of Optikam Interface in MVE Client/Server and MVE Cloud version. MVE Client/Server version requires that the workstation running the Integration have Microsoft Windows 7 or above and Microsoft.Net Framework version 4.5

Revision History

Document Version	Author	Date	Change
1.0	Ivan Olmos	12/21/2012	Initial Version
1.1	Ivan Olmos	08/06/2013	Added document version to title and footnote. Added numbers to pages. Modified steps for MVE Cloud Optikam device setup and MVE HTTP Service setup. Changes to Activation Screen instructions.
1.2	Ivan Olmos	4/22/2015	-Update information relevant to new MVE Cloud Environment.
1.3	Jonathan Robinson	4/24/2015	-Updated the Cloud password for integration -Defined the URL and Data Folder entries for the cloud more accurately.
1.4	Ivan Olmos	5/13/2015	-Remove Kiosk setup and make sure everything references the Tablet integration. -Added new settings for HTTPS integration with MVE.
1.5	Jonathan Robinson	12/10/15	Updated steps regarding the IIS setup. Also refined steps in the MVE Interface WebAPI Optikam Interface Setup section
1.6	Ivan Olmos	9/28/2016	Update hosting server for cloud.

Security

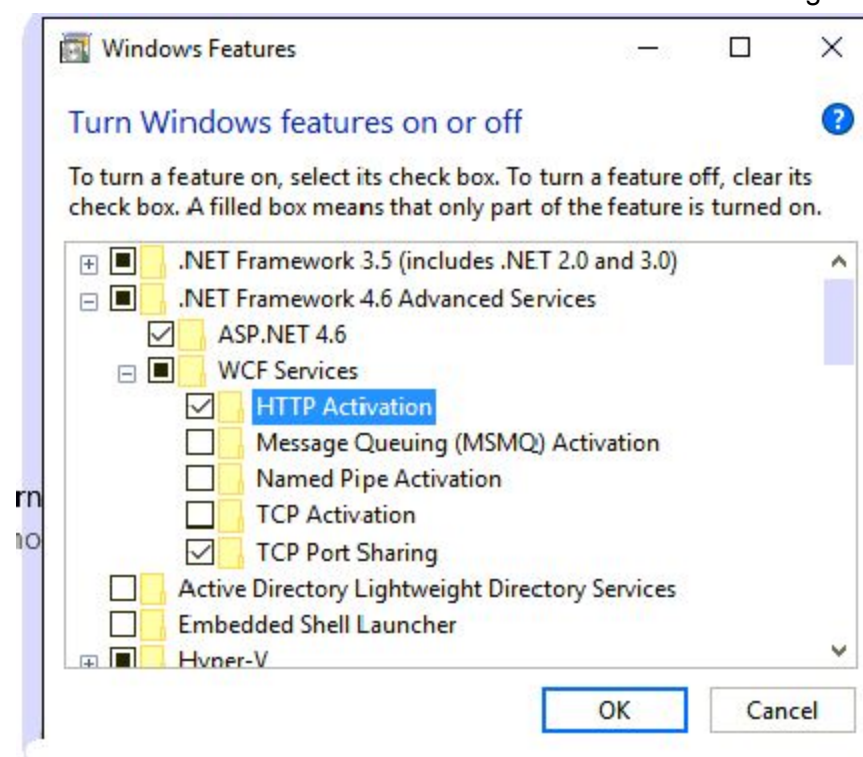
This document should only be used by MVE Support staff.

Optikam in MVE Client/Server Version Installation

IIS Setup

In order to be able to use this integration in a Client/Server environment Microsoft Internet Information Services must be setup in the Customer's Local Network.

1. Run the AspNetWebPates2Setup.exe found in
(Z:\USERS\Ivan\Documents\Software\MVE_Interface_WebAPI 1.0.0.3)
2. Ensure Under features and services and ensure that "HTTP Activation" has been enabled. You can see the location from the below image



3. Go to C:\inetpub\wwwroot and add folder titled MVE_Interface_WebAPI
4. Add the IIS Feature to Windows by going to Control Panel>>System and Security>>Administrative Tools and click on Internet Information Services (IIS) Manager "without the version".Int
5. Opening the IIS Manager will allow the setup of the MVE Interface WebAPI site.
6. In the IIS Manager you will right click on Sites and Add a Website.
7. Site Name will be MVE Interface WebAPI , Physical Path will be the created folder path in Step2 C:\inetpub\wwwroot\MVE_Interface_WebAPI,Port will be 8081 leave the box

checked for Start Website immediately, Host name leave blank, IP address leave All Unassigned

8. Copy the latest version of the MVE Interface WebAPI software found in **Z:\USERS\Ivan\Documents\Software\MVE_Interface_WebAPI 1.0.0.3\MVE_Interface_WebAPI 1.0.0.3.zip** to the site folder created by IIS which should be found at **C:\inetpub\wwwroot\MVE_Interface_WebAPI**

MVE Interface Web API Optikam Interface Setup

1. Give Write Permission to the Optikam.config file before making the below changes
2. Open file located under
<IIS root folder(C:\inetpub\wwwroot)>\MVE_Interface_WebAPI\Interfaces\LensFitting
with the name "optikam.config" and make sure the following settings are place with the
values shown below:

Key: "Root Path" value="<Root Path for Optikam Customers folders>"

Key: "Username" value=""

Key: "Password" value=""

Key: "Use Authentication" value="false"

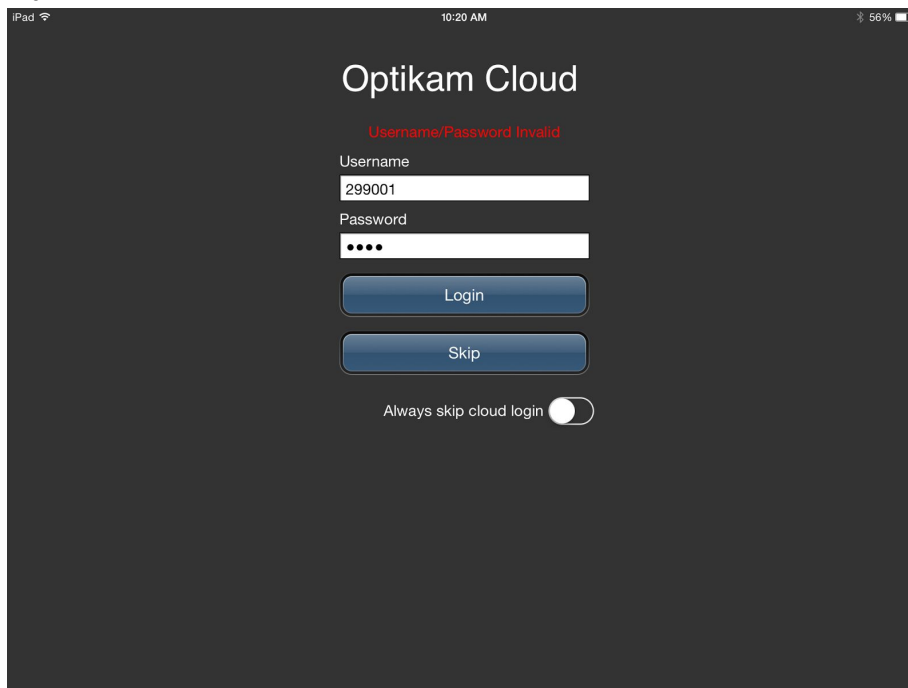
```
<?xml version="1.0"?>CRLF
<configuration>CRLF
<appSettings>CRLF
  <add key="Root Path" value="c:\temp"/>CRLF
  <add key="Username" value="mve"/>CRLF
  <add key="Password" value="mve"/>CRLF
  <add key="Use Authentication" value="false"/>CRLF
</appSettings>CRLF
</configuration>
```

3. Make sure that under the Root Path there is a folder with the name Optikam (ex.
c:\temp\Optikam)
4. Assign Everyone with Write Access to the Customer Number_LocationCode Folder
(ex.12700_MVE)

Optikam Tablet Setup



1. In the iPad look for the OptikamPad Icon and click on it to open the application.
2. In the login screen either login (To connect to Optikam Cloud) or click on the skip button to just use the App.



3. In the Main screen click the Settings button on the top left of the screen.



4. In the Settings screen click on the Integration sub-menu on the left pane. Under Export fill in the following details:

Web Url: `http://localhost:8081/LensFitting/Optikam/MVE Customer Number_MVE Location Code` (The customer number and Location must be defined in the Network Path. You will need to remove “MVE Customer Number” and “MVE Location Code” to specify the client's actual Customer Number and Location code) ex. `https://localhost:8081/LensFitting/Optikam/12700_AOT`

Username: mve

Password: MVE@767345

Settings

Lens Ordering ☒

Web Url

Account ID Account Password

Export ☒

Web Url

Username Password

mve

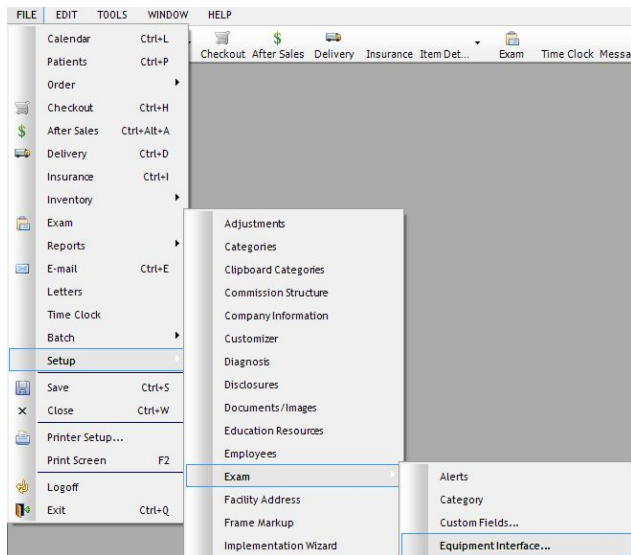
Cancel Save



5. Click Save button to confirm changes and you should be back on Main screen.

MVE Setup

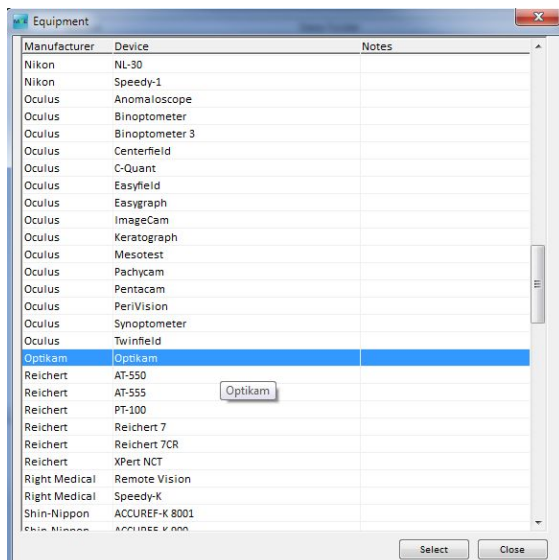
1. Open MVE and go to File -> Setup -> Equipment Interface...



2. When the Equipment Interface setup opens Click on Import and enter the activation password in the textbox (Must be entered by My Vision Express Support Representative) and then Click Enter..



3. Now select the Optikam equipment from the list and then click Select



4. Now you will set the following on the screen

The screenshot shows the 'Exam Equipment Integration' window. At the top is a table with columns: Active, Device Type, Manufacturer, Device, Data Folder, Equipment Program Path, and Verif. The first row contains: Yes, (blank), Optikam, Optikam, \\Server\Optikam, C:\Program Files, and (blank). Below the table are configuration fields: Manufacturer (Optikam), Device (Optikam), Data folder (\\Server\Optikam), and Program folder (empty). There is a checkbox for 'Active' which is checked, a dropdown for 'Mode' set to 'Temporary', and a dropdown for 'Use HTTP' set to 'No'. A 'Notes' text area is at the bottom left. At the bottom right are buttons for 'Delete', 'Import...', 'OK', and 'Cancel'.

Active	Device Type	Manufacturer	Device	Data Folder	Equipment Program Path	Verif
Yes		Optikam	Optikam	\\Server\Optikam	C:\Program Files	

Manufacturer: ☒ Active

Device: Mode: Use HTTP:

Data folder: Program folder:

Notes:

I will describe the settings below:

Mode: This setting has two selections, Temporary and Archived. Temporary will read all files a week old that are exported to the Data Folder. Archived will read all files base on today or captured data, basically this Archived mode will store all readings that are exported.

Use HTTP: This setting should be set to Yes.

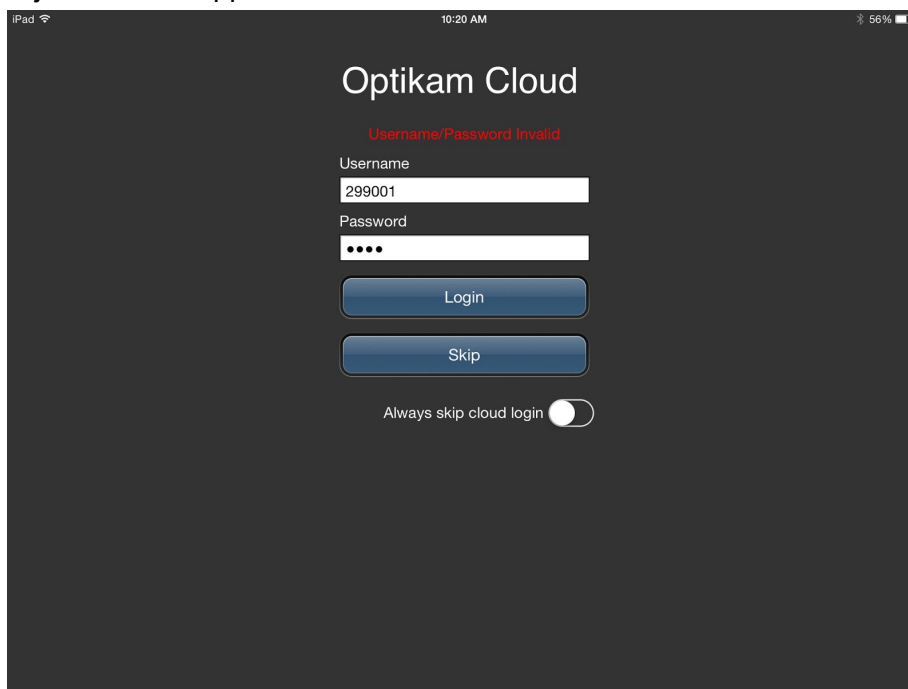
Data Folder: Type in the UNC path where the Optikam OMC files are being exported to base on the Network and Local setting in Optikam Setup.

Optikam in MVE Cloud Version Installation

Optikam Tablet Setup



6. In the iPad look for the OptikamPad Icon and click on it to open the application.
7. In the login screen either login (To connect to Optikam Cloud) or click on the skip button to just use the App.



8. In the Main screen click the Settings button on the top left of the screen.



9. In the Settings screen click on the Integration sub-menu on the left pane. Under Export fill in the following details:

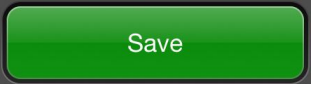
Web Url: https://interface1.mvecloud.com/WebAPI_Interfaces/LensFitting/Optikam/MVECustomerNumber_MVELocationCode (The customer number and Location must be defined in the Network Path. You will need to remove “MVE Customer Number” and “MVE Location Code” to specify the clients actual Customer Number and Location code) ex.

https://interface1.mvecloud.com/WebAPI_Interfaces/LensFitting/Optikam/12700_AOT

Username: mve

Password: MVE@767345

The screenshot shows the 'Settings' screen on an iPad. On the left, a sidebar menu has 'Integration' selected. The main area is divided into 'Lens Ordering' and 'Export' sections, both with toggle switches turned on. The 'Export' section contains three input fields: 'Web Url' (filled with a long URL), 'Username' (filled with 'mve'), and 'Password' (masked with dots). At the bottom, there are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted with a green border and a green shadow.

10. Click Save button  to confirm changes and you should be back on Main screen.

MVE Interface Web API Optikam Interface Setup

5. Open file located under <IIS root folder>\WebAPI_Interfaces\Interfaces\LensFitting with the name "optikam.config" and make sure the following settings are place with the values shown below:

Key: "Root Path" value="<Root Path for Optikam Customers folders>"

Key: "Username" value="mve"

Key: "Password" value="MVE@767345"

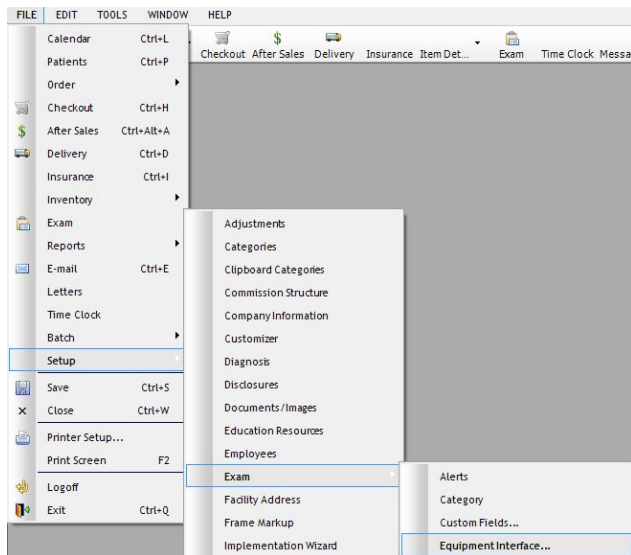
Key: "Use Authentication" value="true"

```
<?xml version="1.0"?>CRLF
<configuration>CRLF
  <appSettings>CRLF
    <add key="Root Path" value="c:\temp"/>CRLF
    <add key="Username" value="mve"/>CRLF
    <add key="Password" value="mve"/>CRLF
    <add key="Use Authentication" value="false"/>
  </appSettings>CRLF
</configuration>
```

6. Create a folder with the name of the customer under the Optikam Services Folder.
7. Assign CST group permissions to the customer folder.

MVE Setup

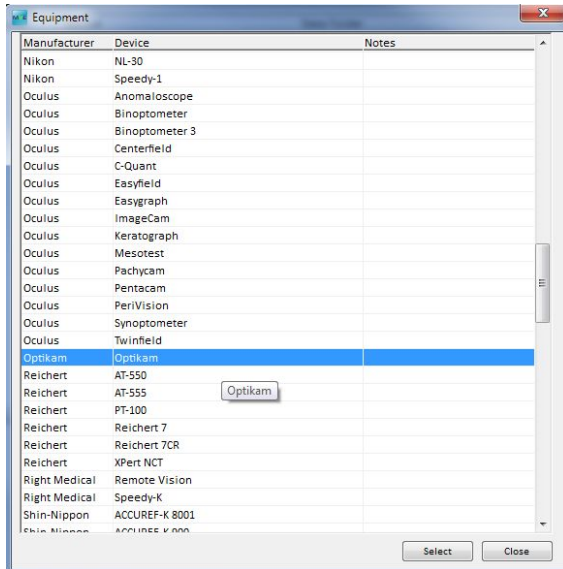
1. Open MVE and go to File -> Setup -> Equipment Interface...



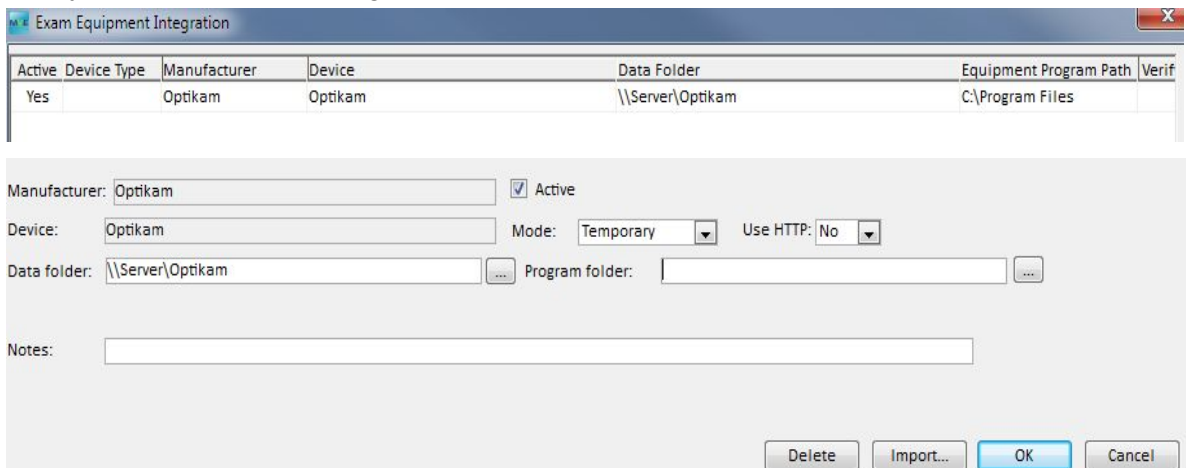
2. When the Equipment Interface setup opens Click on Import and enter the activation password in the textbox (Must be entered by My Vision Express Support Representative) and then Click Enter..



3. Now select the Optikam equipment from the list and then click Select



4. Now you will set the following on the screen



I will describe the settings below:

Mode: This setting has two selections, Temporary and Archived. Temporary will read all files a week old that are exported to the Data Folder. Archived will read all files base on today or captured data, basically this Archived mode will store all readings that are exported.

Use HTTP: This setting should be set to Yes, since this the MVE Cloud version. This setting is use to differentiate between the Optikam XML Export (Optikam Setup - Network and Local Setting) and Optikam HTTP Export (Optikam Setup - Web Setting) interface.

Data Folder: Type in the following paths: \\172.17.2.140\Optikam\MVE Customer Number_MVE Location Code

(The Customer Number and Location must be defined in this string. You will need to remove “MVE Customer Number” and “MVE Location Code” to specify the client’s actual Customer Number and Location Code) ex.

\\172.17.2.140\Optikam\12700_AOT