



How to Activate Your X3 Remote Collaboration Service (X3 RCS) Subscription

OmniScan™ X3 Connectivity Services Guide

March 15, 2022

Activating Your X3 RCS Subscription

Before you can begin using the X3 Remote Collaboration Service (X3 RCS) on your OmniScan™ X3 flaw detector, you need to do the following:

- Ensure your OmniScan X3 flaw detector is connected to a wireless local area network (WLAN)
- Create a user account on our Olympus Scientific Cloud™ (OSC) platform
- Register your OmniScan X3 device on the OSC
- Subscribe to the X3 Remote Collaboration Service (X3 RCS)

This document provides step-by-step instructions to perform each of the above procedures.

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01 Connecting Your OmniScan™ X3 Unit to a Wireless Local Area Network (WLAN)

02 Creating an Account on the Olympus Scientific Cloud™ (OSC) Platform

03 Registering Your OmniScan X3 Device on the OSC

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- Unregistering a Registered Device

04 Subscribing to the X3 Remote Collaboration Service (X3 RCS)

- Managing Your X3 RCS Account

01

Connecting Your OmniScan X3 Unit to a Wireless LAN

Connecting Your OmniScan™ X3 Unit to a Wireless LAN

1. Choose a compatible wireless USB dongle.

To achieve the performance required for the X3 RCS, we recommend using one of the wireless USB dongles listed below (depending on your region).

Olympus offers this model because it has proven to provide the required data transfer speeds.



These are the wireless USB dongles that are recommended for use in the OmniScan X3 unit:

Item Number	UPC Code	Short Description
Q7670059	OMNI-A-WIRELESS-NA	LM Technologies LM808-0407 Wireless LAN USB adaptor. For North American regions.
Q7670060	OMNI-A-WIRELESS-INTL	LM Technologies LM808-0406 Wireless LAN USB adaptor. For most regions except North America.

Placeholder for notes and sources

Connecting Your OmniScan™ X3 Unit to a Wireless LAN

2. Install the wireless USB dongle in the OmniScan X3 unit:

- a) Insert the wireless USB dongle into the dedicated port (1) in the top battery compartment.
- b) Close the USB port and reinsert the batteries (if used).
- c) Turn ON the instrument.

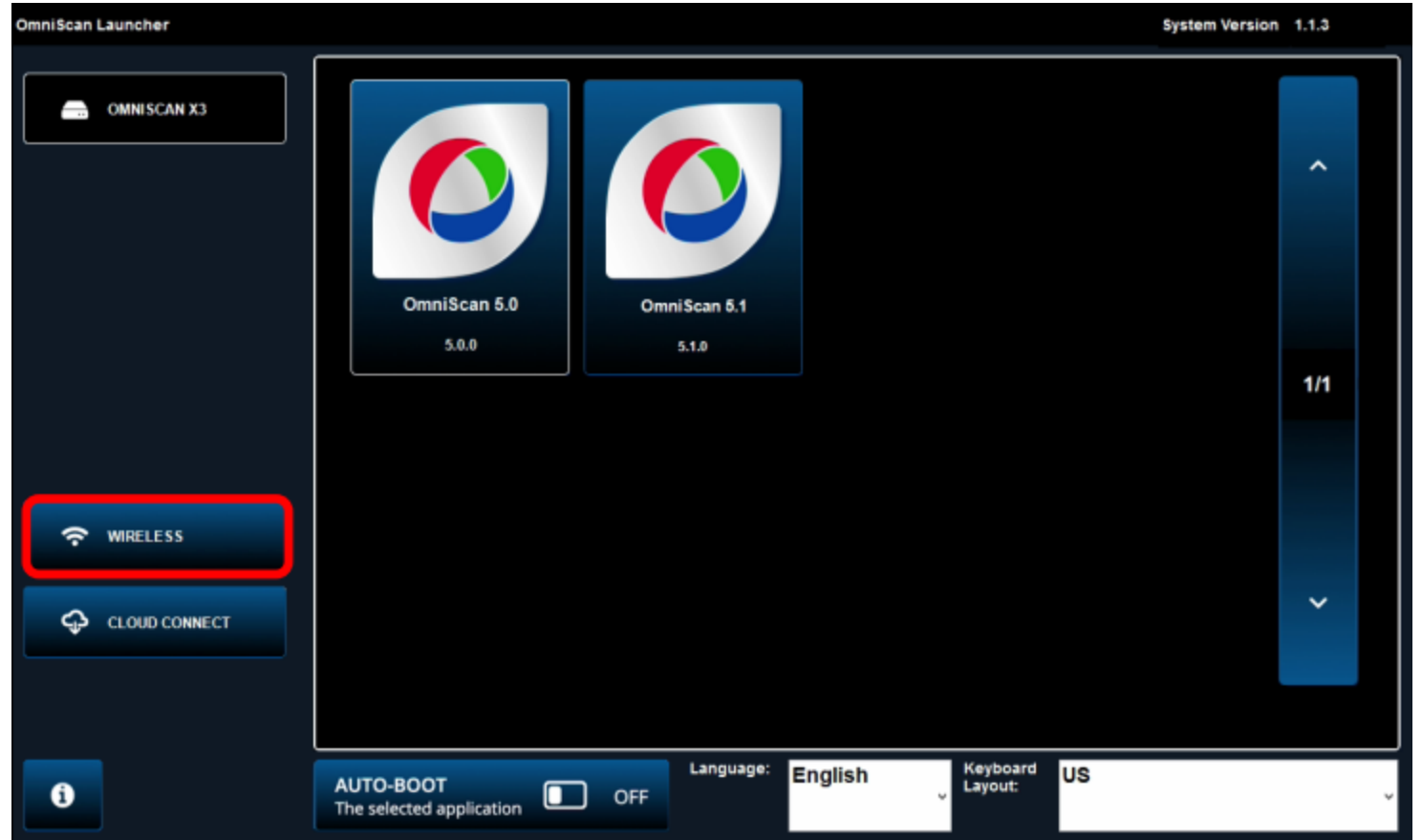


Connecting Your OmniScan™ X3 Unit to a Wireless LAN

3. Connect the OmniScan X3 unit to a wireless LAN:

- In the OmniScan Launcher, select the **Wireless** button to open the Wireless Network Manager.

NOTE: it is also important to validate the low-level system. The 2.1.1.8 version or higher is required and some older OmniScan X3's that have not been sent to a service center for calibration may have an earlier version. If this is the case the device must be sent in before the OSC or X3 RCS can be used.



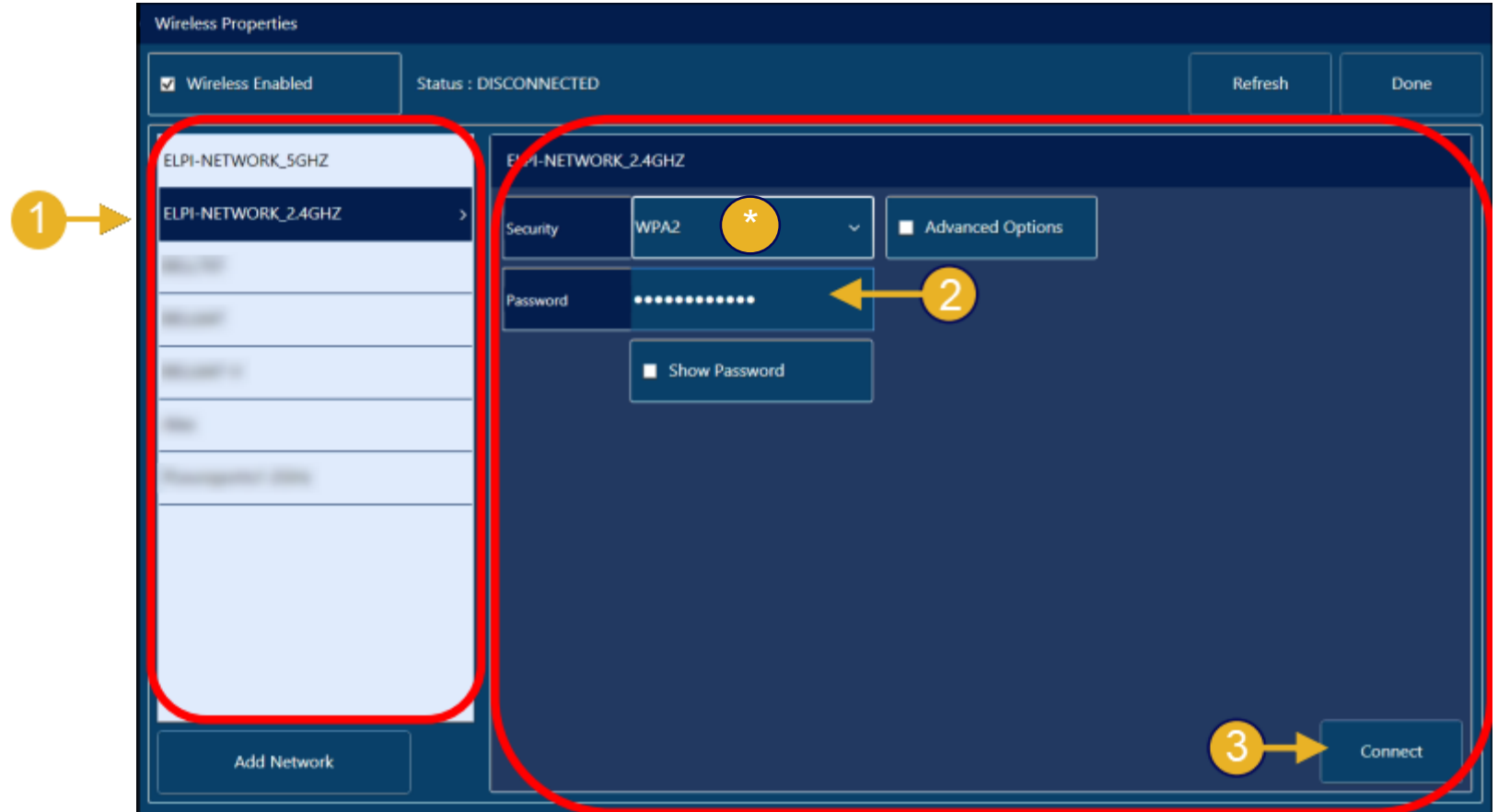
Connecting Your OmniScan™ X3 Unit to a Wireless LAN

3. Connect the OmniScan X3 unit to a wireless LAN (cont.):

- b) Select the wireless **Network** from the list (①).
- c) Enter the connection information (②).
- d) Select **Connect** (③).

Note: Wireless networks that require an extra identification step, such as accepting the terms and conditions, are currently not supported on the OmniScan X3 flaw detector.

An individual user sign-in can be done by changing the **Security** (*) setting to EAP and entering your sign-in information.

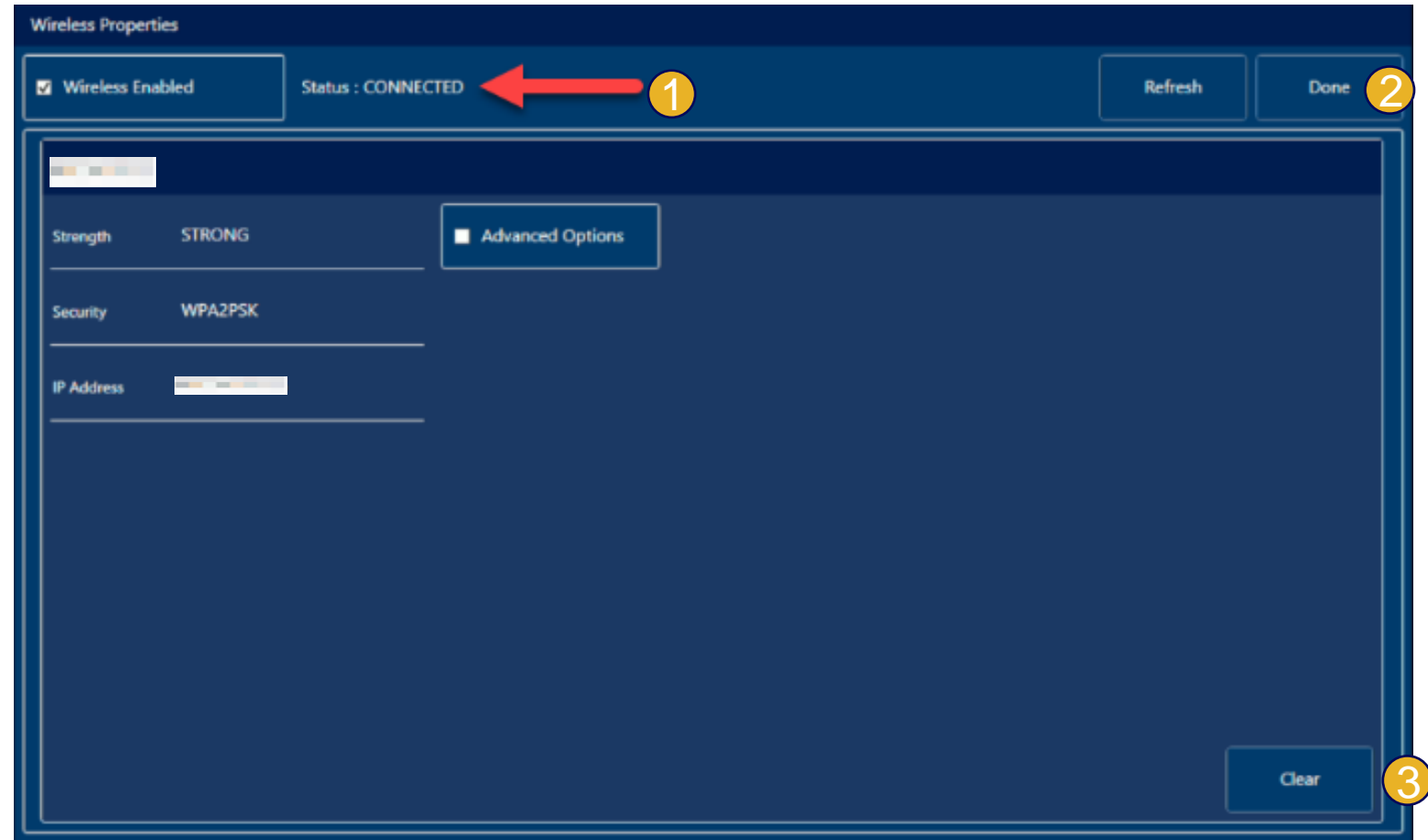


Connecting Your OmniScan™ X3 Unit to a Wireless LAN

3. Connect the OmniScan X3 unit to a wireless LAN (cont.):

- d) Validate that the **Status** is set to **Connected** (1).
- e) Select **Done** (2) to complete the WLAN connection and exit the Wireless Network Manager.

NOTE: The OmniScan X3 unit can be disconnected from the network by selecting the **Clear** button (3). Any network information will also be cleared and must be re-entered to reconnect to the network.



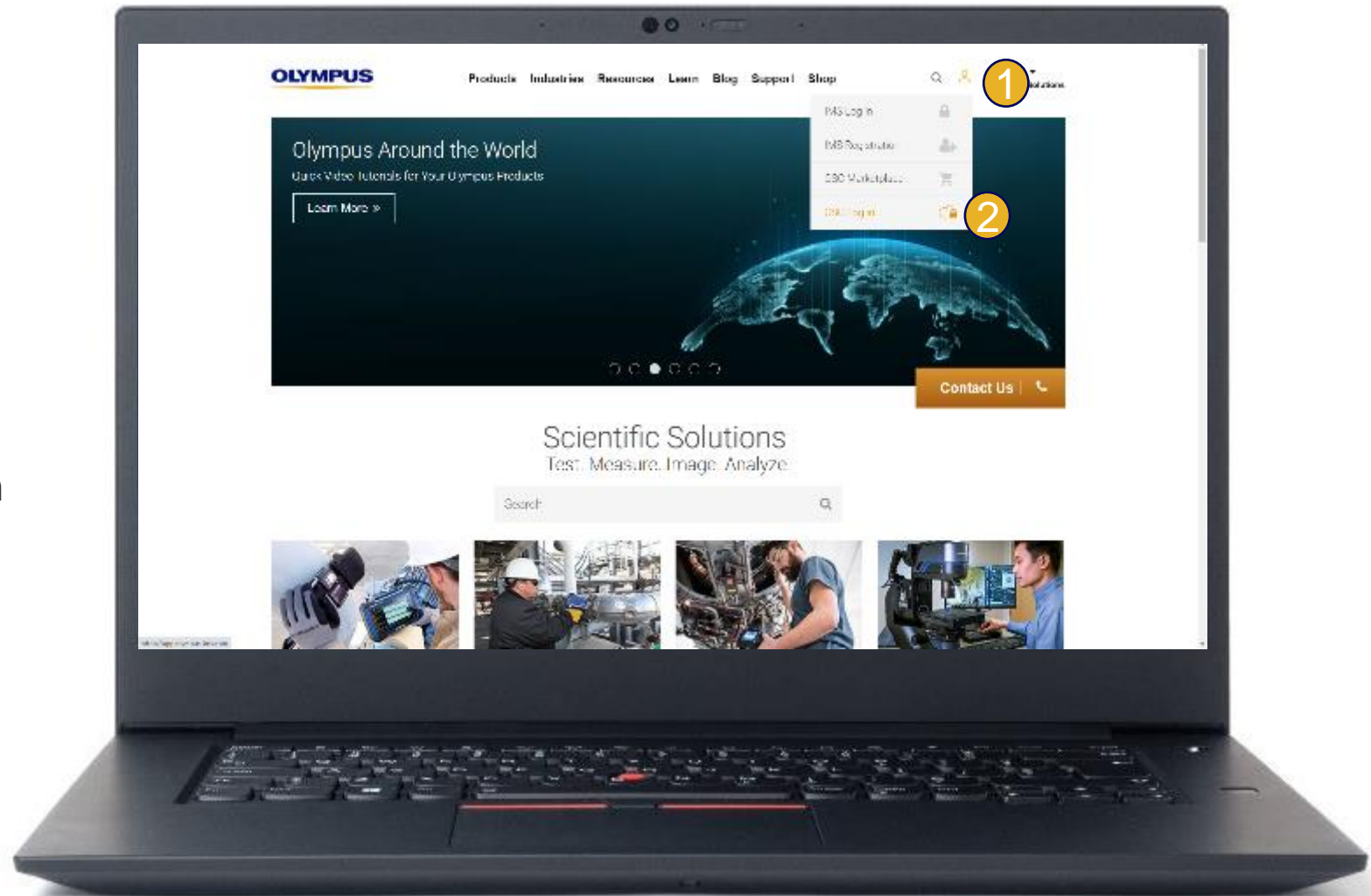
02

Creating an Account on the Olympus Scientific Cloud™ (OSC) Platform

Creating an Account on the OSC

1. Go to www.Olympus-IMS.com.
2. Select the user menu icon in the top-right corner (1).
3. Select **OSC Log in** (2).

NOTE: If your organization is already registered on the OSC, the account administrator can send you an invitation by email to join the organization. In this case, simply follow the steps in this email to create your account.



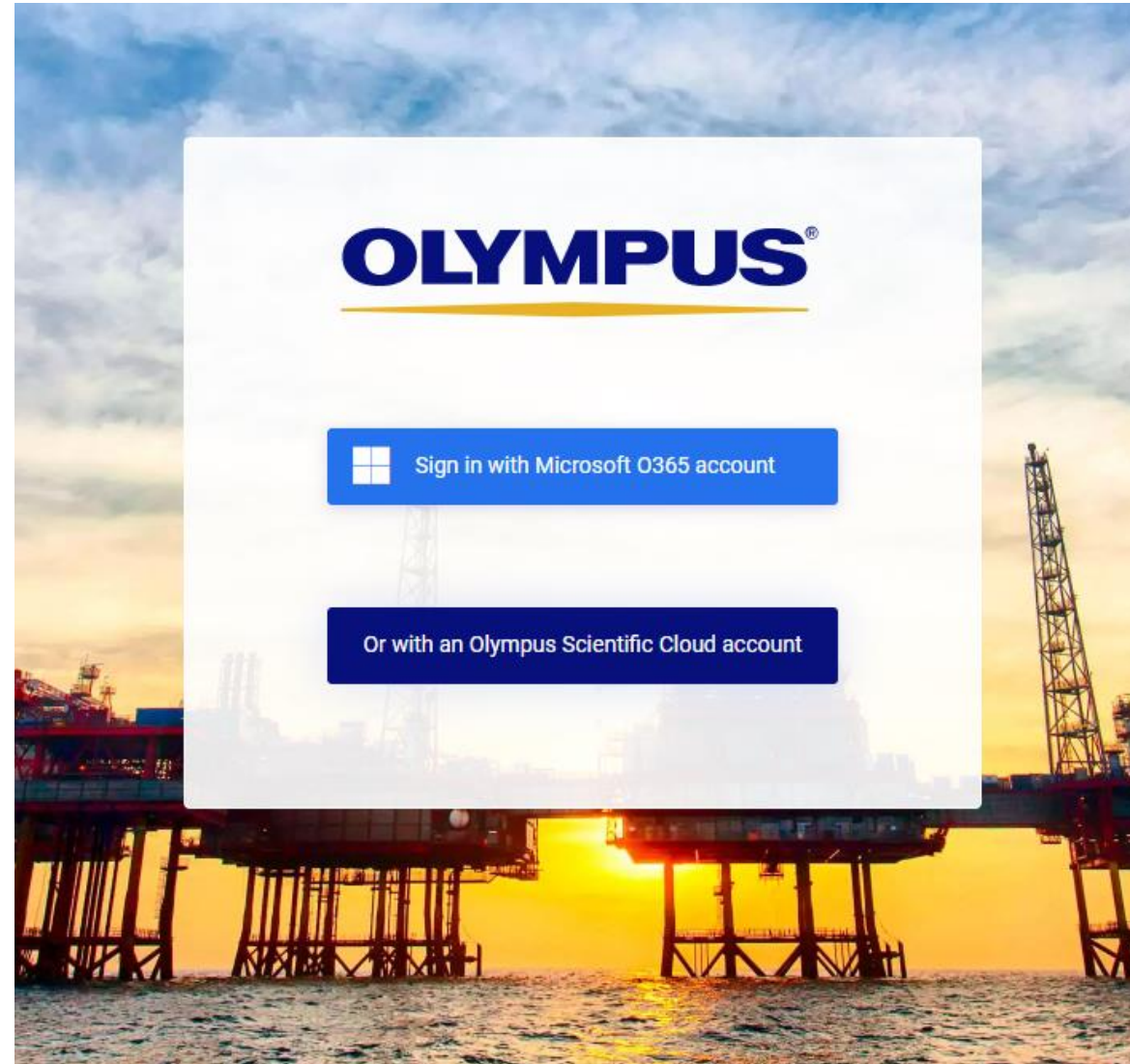
Creating an Account on the OSC

4. Choose a sign-in option:

- If you have an active Microsoft Office 365 account, you can select **Sign in with Microsoft O365 account** to sign into the OSC, and then skip forward to section 03, “Registering Your OmniScan X3 Device on the OSC.”

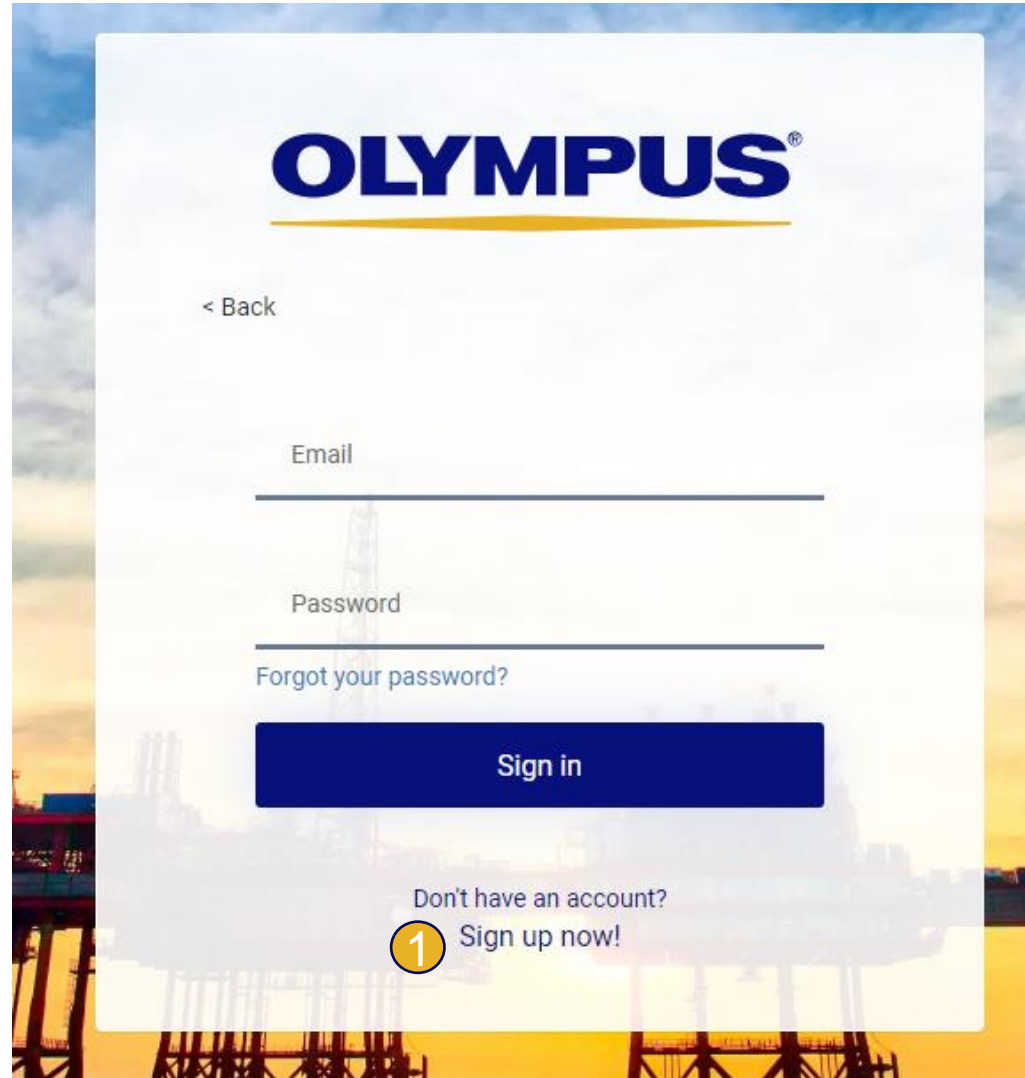
OR

- Select **Or with an Olympus Scientific Cloud account** and continue to the next step.



Creating an Account on the OSC

5. If you already have an OSC account, skip ahead to step 7. If not, select **Sign up now!** (1).

The image shows a screenshot of the Olympus OSC (Online Service Center) login and registration page. The background is a blurred image of an offshore oil rig at sunset. The page has a white overlay with the Olympus logo at the top. Below the logo is a '< Back' link. There are two input fields: 'Email' and 'Password'. Below the password field is a link for 'Forgot your password?'. A large blue 'Sign in' button is centered below these fields. At the bottom right, there is a link for 'Don't have an account? Sign up now!' with a yellow circle containing the number '1' next to it, indicating the current step in a process.

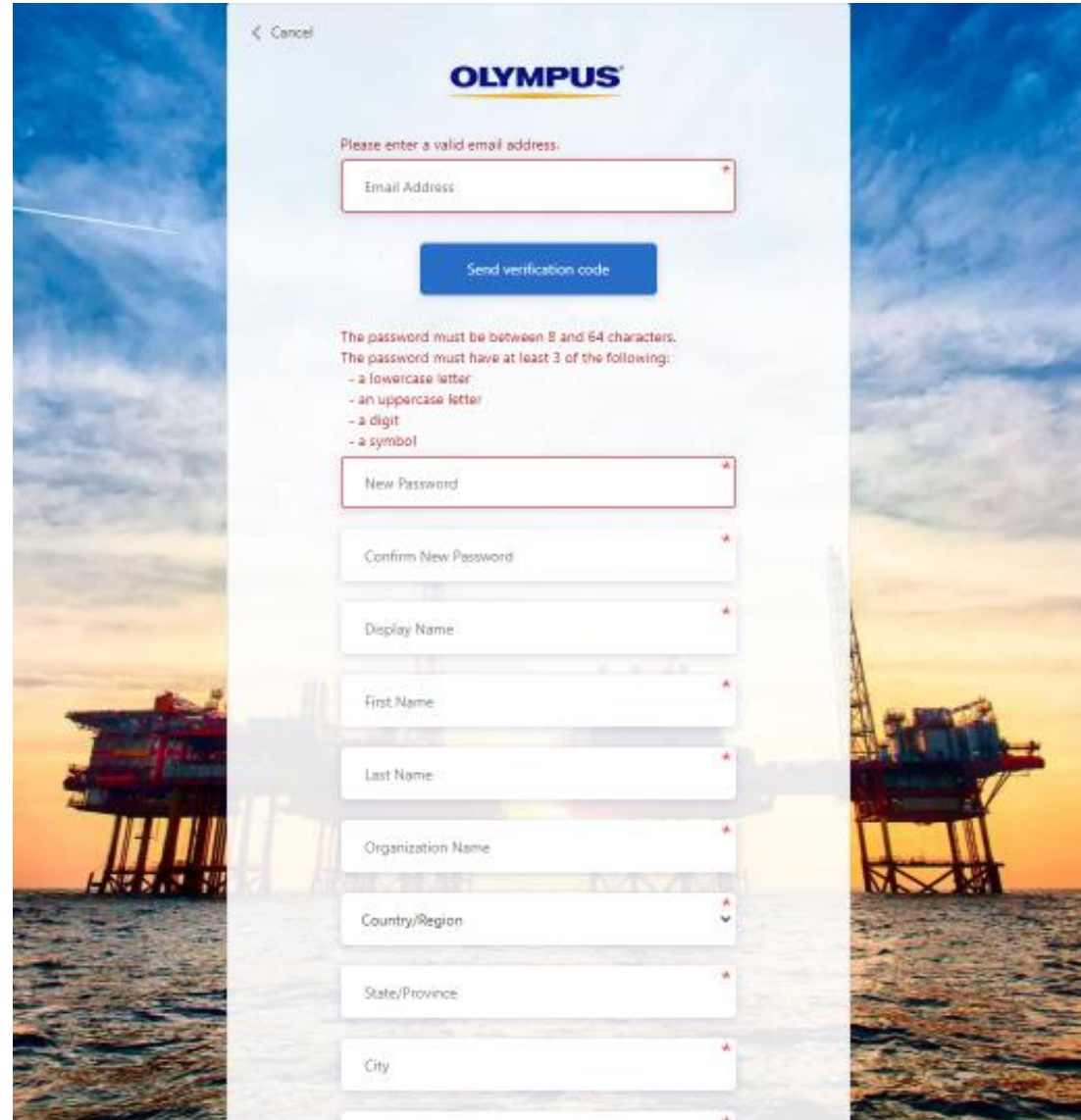
Creating an Account on the OSC

6. To create your OSC account, fill in all the information boxes, following the instructions.

NOTE: Enter your company's name for the **Organization Name** and your **First Name** and **Last Name** for your username. The organization name and username must be different.

If this message appears:

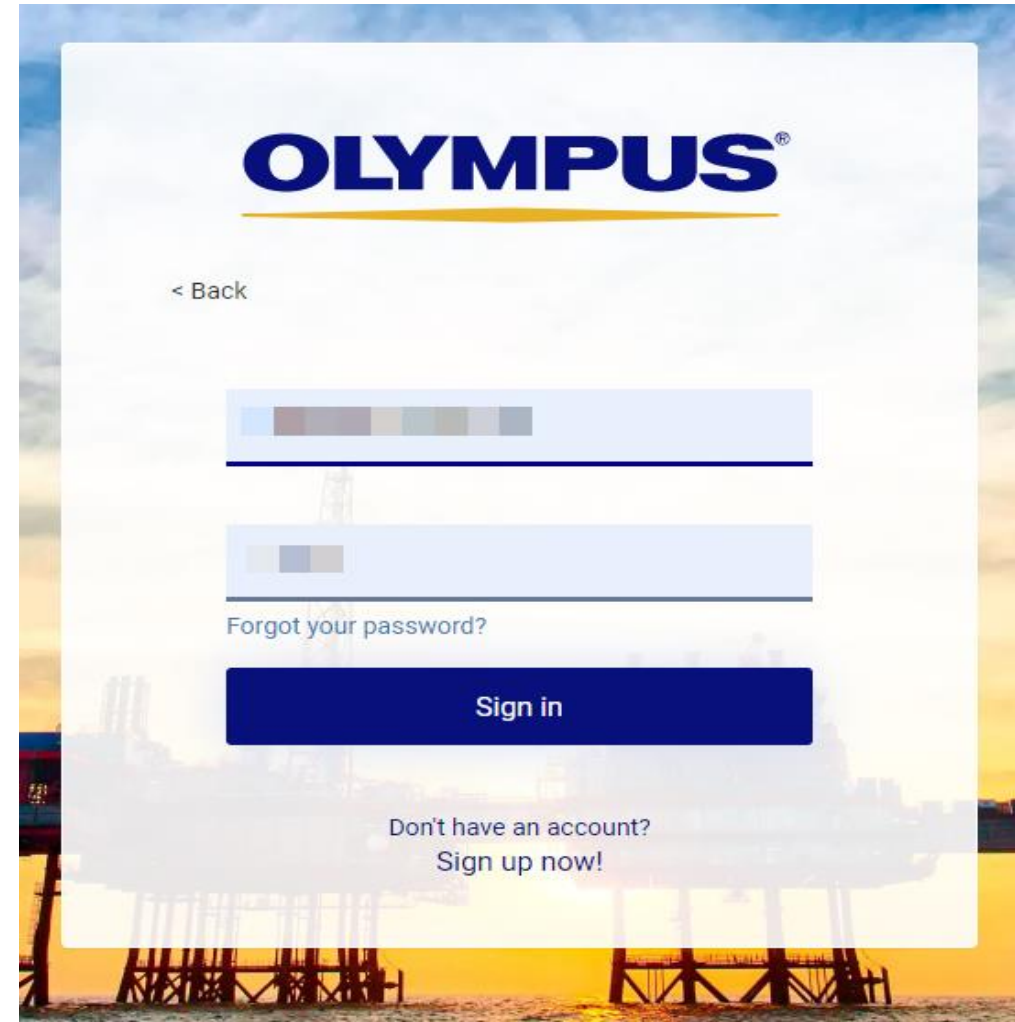
“All parties registering for the Olympus Scientific Cloud (OSC) are screened for compliance with U.S. export and other laws. Your account will be reviewed by our compliance team and you will be contacted once this screening has been completed. We apologize for any inconvenience and thank you for your patience.” you can contact Support-osc@olympus.com for support.

The image shows a mobile app interface for creating an account on the Olympus Scientific Cloud (OSC). At the top, there is a back arrow and the word "Cancel". Below that is the "OLYMPUS" logo. The first section is for email verification, with the text "Please enter a valid email address:" followed by an "Email Address" input field and a "Send verification code" button. The second section is for password creation, with the text "The password must be between 8 and 64 characters. The password must have at least 3 of the following:" followed by a list: "- a lowercase letter", "- an uppercase letter", "- a digit", and "- a symbol". Below this are input fields for "New Password", "Confirm New Password", "Display Name", "First Name", "Last Name", "Organization Name", "Country/Region" (a dropdown menu), "State/Province", and "City". Each input field has a red asterisk icon to its right, indicating it is a required field. The background of the app interface shows an offshore oil rig at sea under a blue sky with clouds.

Creating an Account on the OSC

7. Sign into the OSC:

- a) Enter the **Email** associated with your account.
- b) Enter the **Password** you used to create your account.
- c) Select **Sign in**.

The image shows a screenshot of the Olympus Sign In page. At the top, the 'OLYMPUS' logo is displayed in blue with a registered trademark symbol, underlined with a thick yellow line. Below the logo is a '< Back' link. There are two input fields: the first is for the email address, and the second is for the password, both with placeholder text. Below the password field is a 'Forgot your password?' link. A large blue 'Sign in' button is positioned below the links. At the bottom, there is a link that says 'Don't have an account? Sign up now!'. The background of the page is a blurred image of an offshore oil rig at sunset.

03

Registering Your OmniScan X3 Device on the OSC

Registering Your OmniScan X3 Device on the OSC

For this procedure you will need to use a PC/laptop and your OmniScan X3 unit. You should keep both in proximity until you have completed it.

1. Go to www.Olympus-IMS.com and at the top right of the page, select the circle with your initials (1).
2. Select **My Devices** (2).

The screenshot displays the Olympus IMS website interface. At the top, the 'OLYMPUS' logo is on the left, and navigation links for 'Products', 'Industries', 'Resources', 'Learn', 'Blog', and 'Support' are on the right. A user profile dropdown menu is open, showing options: 'My Apps', 'My Devices' (highlighted with a yellow circle and the number 2), 'My Data', 'Marketplace', 'My Organization', and 'Log Out'. A yellow circle with the number 1 is placed over the user's initials 'LG' in the top right corner. Below the navigation bar, the 'Marketplace' section is visible, featuring a search bar and two columns of app cards. The left column, 'Apps by Device', lists '3B-Link', 'EPOCH 6LT', 'IPLEX NX', 'OmniScan X3', and 'Vanta'. The right column, 'Apps by Category', lists 'Collaboration', 'Fleet Management', 'Data Analysis', 'Workflow Management', and 'Reporting'. The app cards shown are 'Workflow Management Inspection Project Manager', 'Fleet Management Vanta Fleet Manager', 'Reporting VISOL', and 'Vanta Data Viewer'. Each card includes a description and an 'Add' button. At the bottom of the page, there are four columns of product categories: 'Thickness and Flaw Inspection Solutions', 'Industrial Microscopes', 'XRF and XRD Analyzers', and 'Support'.

OLYMPUS

Products Industries Resources Learn Blog Support

1 LG Industrial Solutions

My Apps

2 My Devices

My Data

Marketplace

My Organization

Log Out

Marketplace

Search

Apps by Device [View All](#)

- ☐ 3B-Link
- ☐ EPOCH 6LT
- ☐ IPLEX NX
- ☐ OmniScan X3
- ☐ Vanta

Apps by Category

- ☐ Collaboration
- ☐ Fleet Management
- ☐ Data Analysis
- ☐ Workflow Management
- ☐ Reporting

Workflow Management

Inspection Project Manager

The Inspection Project Manager (IPM) app is a comprehensive project workflow and resource management solution.

Add

Fleet Management

Vanta Fleet Manager

Vanta Fleet Manager Using Angular Material UI

Add

Reporting

VISOL

VISOL is a comprehensive workflow management system that uncomplicates remote visual inspection data management.

Add

Vanta Data Viewer

The Vanta Data app enables users to browse test results from one or multiple Vanta instruments and view the chemistry, spectra

Add

Thickness and Flaw Inspection Solutions

Flaw Detectors / Phased Array Flaw

Industrial Microscopes

Laser Confocal Microscopes

Digital Microscopes

XRF and XRD Analyzers

Handheld XRF Analyzers

Compact and Portable XRF Analyzers

Support

Contact Us

XRF and XRD Technical Support

Registering Your OmniScan X3 Device on the OSC

3. Select + New Device (1).

[Products](#) [Industries](#) [Resources](#) [Learn](#) [Blog](#) [Support](#)

Industrial Solutions

My Devices

1

+ New Device

Search

Q

Device by Model

[View All](#)

☐ 3B-Link

☐ EPOCH 6LT

☐ I-PLEX NX

☐ OmniScan X3

☐ Vanta

Device by Status

☐ Registered

☐ Waiting for confirmation

Thickness and Flaw Inspection Solutions

Flaw Detectors / Phased Array / Flow

Industrial Microscopes

Laser Confocal Microscopes

Digital Microscopes

XRF and XRD Analyzers

Handheld XRF Analyzers

Compact and Portable XRF Analyzers

Support

Contact Us

XRF and XRD Technical Support

Registering Your OmniScan X3 Device on the OSC

4. Select the **Device Model**:

- a) Choose **OmniScan X3** from the drop-down list.
- b) Select **Next**.

NOTE: You should keep this window open on your PC or laptop during the next steps, which you will need to perform on your OmniScan X3 unit.



DEVICE MODEL

Select the model of the device you want to register.
You will need the device near you to complete the registration.

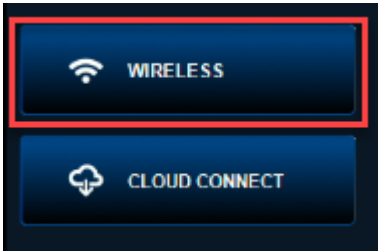
OmniScan X3

BackNext

Registering Your OmniScan X3 Device on the OSC

5. On the OmniScan X3 unit, validate that it is connected to a wireless network:

a) Select **Wireless** in the **OmniScan Launcher**.



b) Make sure that the **Status** is defined as **Connected**. If not, follow the procedure described in section 01, “Connecting Your OmniScan X3 Unit to a Wireless LAN.” If yes, click **Done**.



Registering Your OmniScan X3 Device on the OSC

6. Verify that the OmniScan X3 unit is ready to register on the OSC:

- a) In the OmniScan Launcher, select **Cloud Connect**.
- b) Check **Enable** next to **Cloud**.
- c) In the **Cloud Settings**, the **Registration Status** should be:
No registration found for the device. Please register the device on Olympus Scientific Cloud.



Registering Your OmniScan X3 Device on the OSC

7. On the OSC, enter the serial number of your OmniScan X3 device, and then select **Next**.

1

2

3

MODEL

SERIAL NUMBER

VALIDATION

SERIAL NUMBER

Enter the serial number of your device.

BACK

NEXT

Registering Your OmniScan X3 Device on the OSC

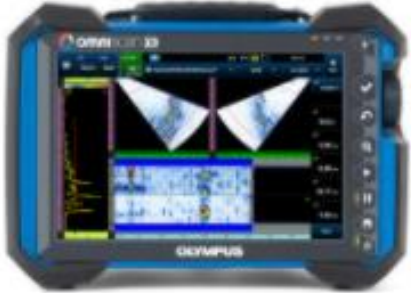
At the **Validation** step, you will be prompted to enter a 4-digit PIN in the OmniScan X3 unit to register the device on the OSC.

8. Take note of this PIN in order to enter it in the OmniScan X3 unit's Cloud Settings.



VALIDATION

Please perform following action on the device to complete the registration.



SERIAL NUMBER:

MODEL: OmniScan X3

PIN:

Done

Registering Your OmniScan X3 Device on the OSC

9. On the OmniScan X3 unit, the **Registration Status** should now be:

Please authenticate the registration request by entering your 4-digit pin.

Enter the noted PIN in the **Pin** box, and then select **Apply**.



Registering Your OmniScan X3 Device on the OSC

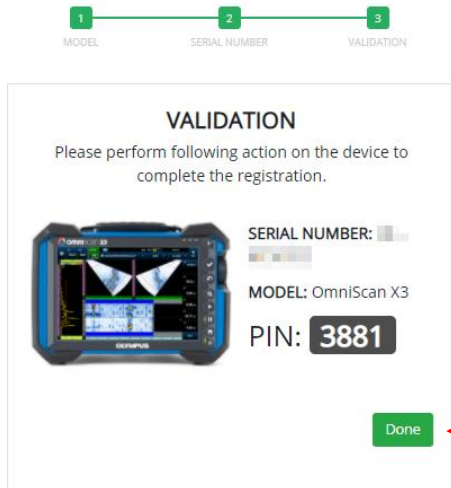
10. Complete the OmniScan X3 device's registration:

a) Verify that the **Registration Status** is now:

Device is successfully registered.

b) Select **Done**.

c) On the OSC, select **Done** as well.

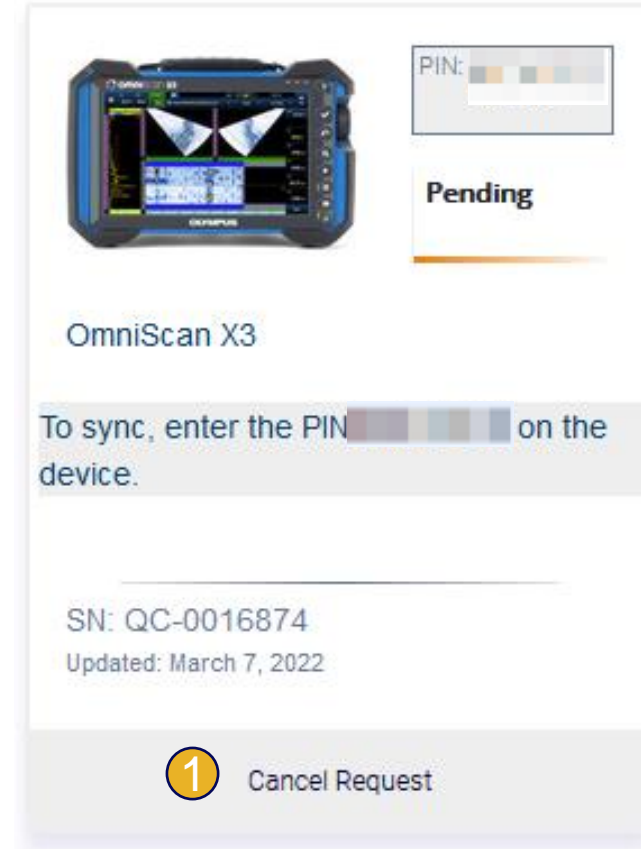
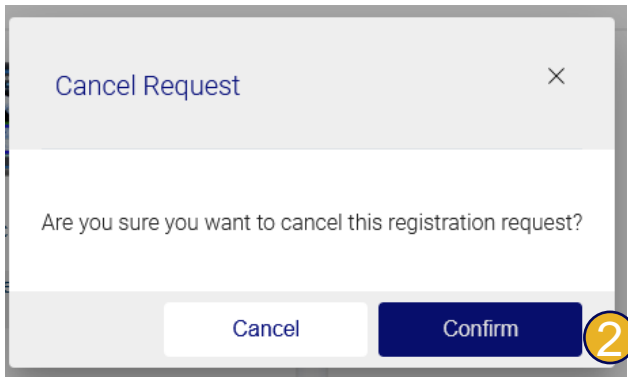


Cancelling a Pending Device Registration

It may be necessary to cancel a pending device registration—for example, to correct the serial number.

This can be done through your OSC account in the **My Devices** section. Here's how:

1. Select **Cancel Request** under the pending device registration (①).
2. Select **Confirm** in the **Cancel Request** dialog box (②).



NOTE: If the device's registration is complete, this cancellation option is no longer available, and the device must be unregistered to remove it from the account (see "Unregistering a Registered Device" on the next slide).

Unregistering a Registered Device

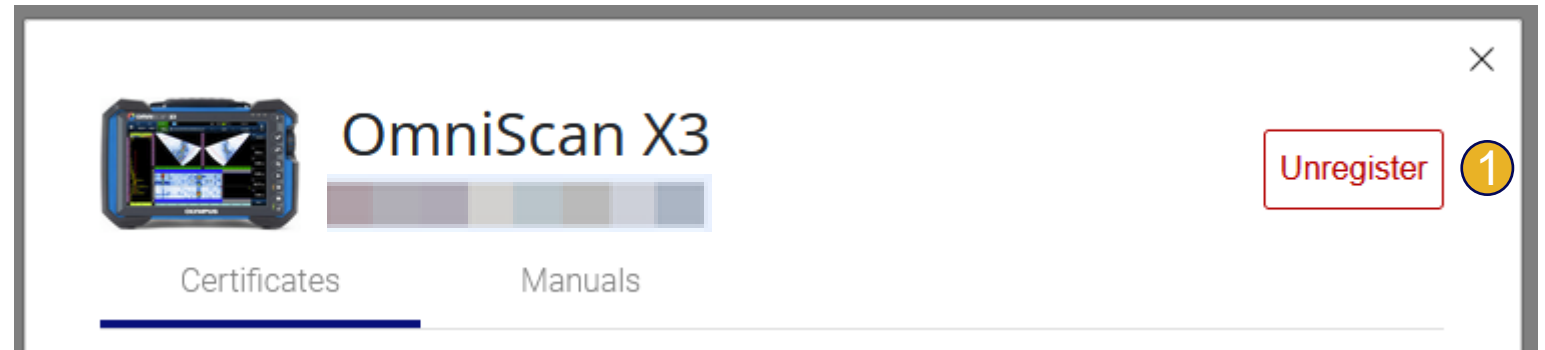
To unregister a device from the OSC—
for example, to transfer the device to another user—the device must be unregistered both on the OSC and on the device itself. You will need to keep your PC/laptop and the OmniScan X3 unit in proximity to complete the unregistration.

If the change is not done in both locations, the device will remain registered and cannot be transferred to another account.

1. To start the process, on the OSC in the **My Devices** section, select **Open** under the device to be unregistered.

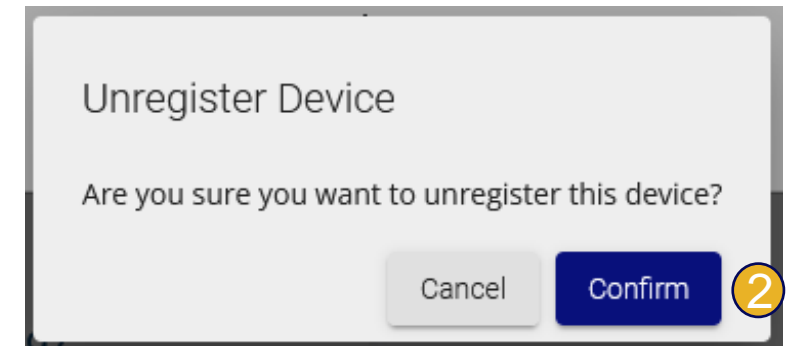


Unregistering a Registered Device



2. Select **Unregister** next to the OmniScan X3 device's information (1).

3. In the **Unregister Device** dialog box, select **Confirm** (2).



Unregistering a Registered Device

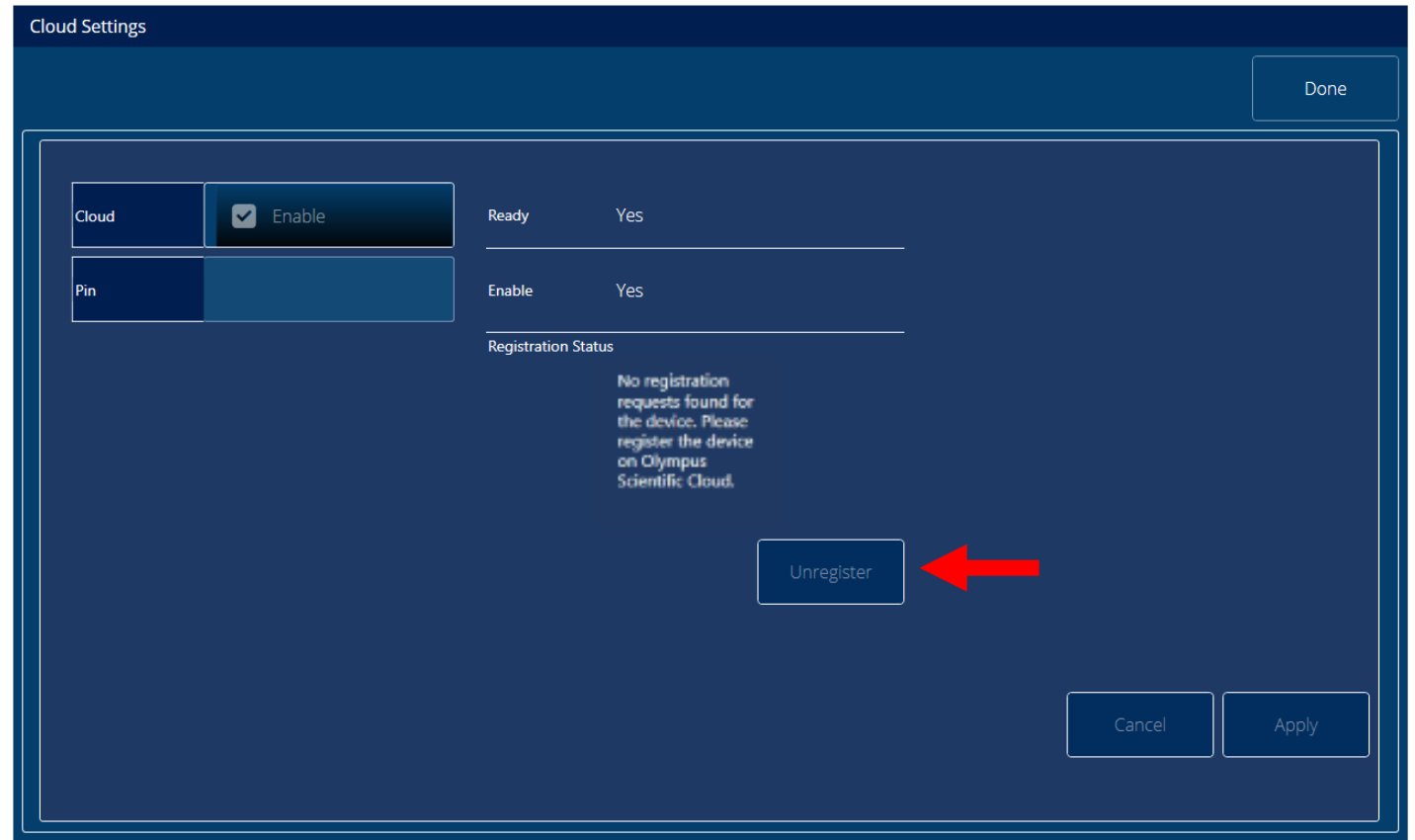
4. On the OmniScan X3 unit, complete the unregistration:

- a) In the **OmniScan Launcher**, select **Cloud Connect**.
- b) Under **Cloud Settings**, select the **Unregister** button.

The registration **Pin** is deleted, and the **Registration Status** reverts to the message:

No Registration request found for the device...

- c) Select **Apply**.



04

Subscribing to the X3 Remote Collaboration Service (X3 RCS)

Subscribing to the X3 Remote Collaboration Service (X3 RCS)

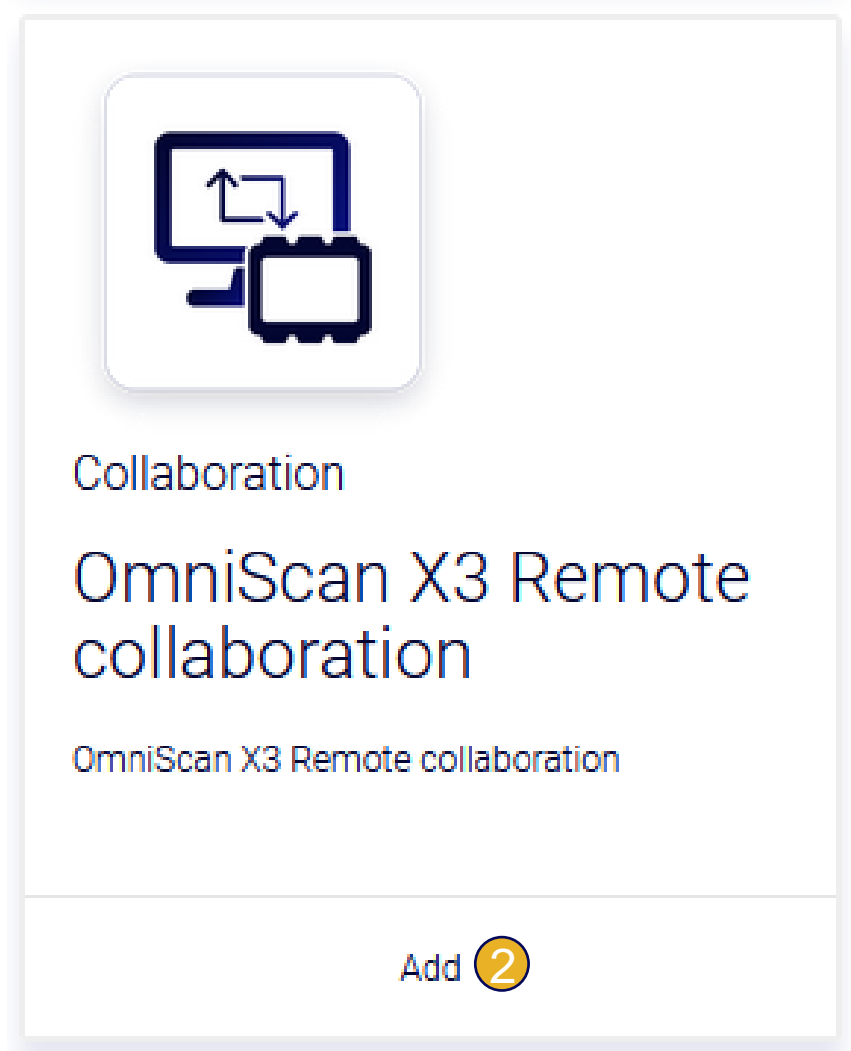
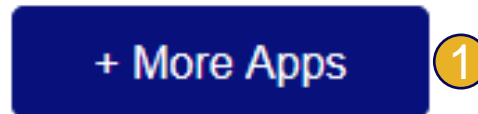
1. Obtain an X3 RCS registration PIN:

- To subscribe to the X3 RCS, a registration PIN is required. Contact your local Olympus sales representative to obtain a PIN if you do not already have one.

2. Register the X3 RCS PIN on the OSC:

- a) Sign into the OSC.
- b) On the OSC Marketplace, in the **My Apps** section, select the **+ More Apps** button (①).
- c) Under **X3 Remote Collaboration Service (X3 RCS)**, select **Add** (②).

NOTE: Only users with an admin account will be able to activate the X3 RCS subscription.



Subscribing to the X3 Remote Collaboration Service (X3 RCS)

3. Select **Activate with PIN**.

Omniscan X3 Remote collaboration	\$1,000.00 /Year
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Activate With PIN

4. Enter your PIN and select **Activate**.

Activation Code

Please enter the activation

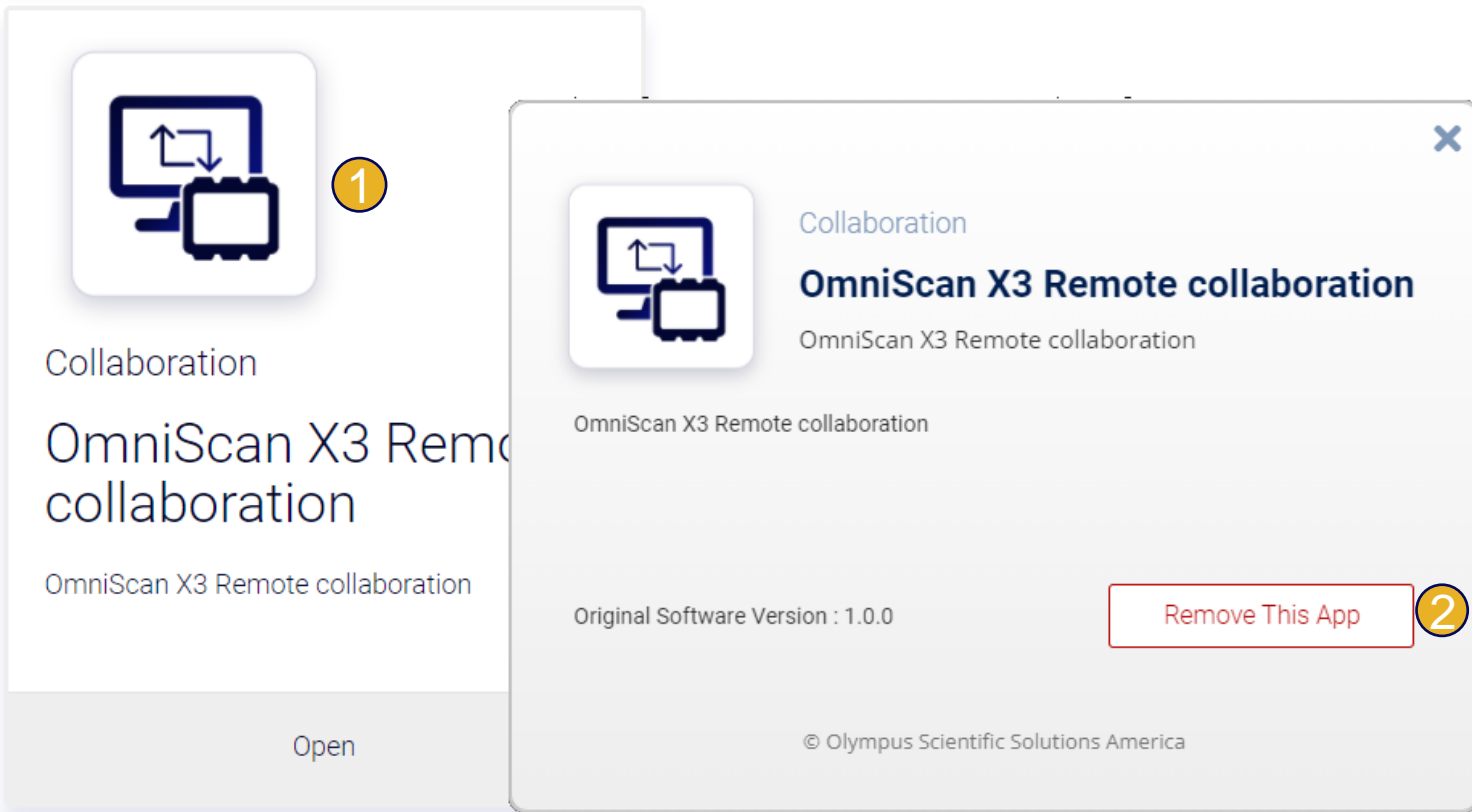
Activate

Managing Your X3 RCS Account

Once your PIN has been activated, the X3 RCS app is added to the **My Apps** section of your OCS Marketplace.

To remove the app:

- In the OSC Marketplace, remove the X3 RCS app by selecting the application (1) then selecting the **Remove This App** button (2) in the dialog box that opens.



Managing Your X3 RCS Account

Verify the expiration date for your current X3 RCS subscription on the **My Organization** page on the **Subscriptions** tab (1).

To cancel your subscription:

- On the **Subscriptions** tab, select **Cancel subscription** on the menu (⋮) for the X3 RCS subscription (2).

Users

Subscriptions1

Storage

Security

Settings

Q

Search Subscriptions

Sort

Name

Price

Purchase Date

⌵

OmniScan X3 Remote collaboration

Omnican X3 Remote collaboration

Annual Plan | Next invoice on 2023-02-25

⋮

2

Cancel subscription

