



Feature Description Document

Understanding Device Cloning using IXM WEB



Purpose

The Device cloning feature allows an IXM WEB user to clone all existing users along with their biometric records and config settings from a source device to a destination device using IXM WEB.

Applies to

TITAN	TOUCH 2	SENSE 2	MERGE	MYCRO	MERGE CR
All Devices	All Devices	All Devices	All Devices	All Devices	All Devices

Description

When a device needs to be replaced due to any reason, instead of enrolling all the users again or configuring all the settings to a new device, the user can clone all the settings and users to the new device from the IXM WEB database. Cloning allows the user to transfer all the existing users along with their biometric records and all config settings to a new device. User can clone a device at the time of device registration or from the Device List page.

- 1. Cloning during Device Registration:** Only IXM WEB allows cloning of the device during device registration. User can select either to clone a newly discovered device or to simply follow the registration process.
- 2. Cloning from Device List page:** IXM WEB allows a user to select a device from the List of Devices page. User can select a particular device in which Users and Config settings of source device will be stored.



Device Cloning during Device Registration

Steps to clone device:

1. In IXM WEB click **Register** against the newly discovered device, the application will redirect to Device Registration page.

The screenshot shows a 'Registration' window with two main sections: 'Information' and 'Network'. In the 'Information' section, there are input fields for 'Name' (QAT1FP1-117), 'Device ID' (0), and 'Device Group' (ADGx). The 'Network' section includes a 'DHCP' dropdown menu set to 'ACTIVE', and input fields for 'IP Address' (192.168.1.117), 'Subnet Mask' (255.255.255.0), 'Port' (9734), and 'Gateway' (192.168.1.1). At the bottom left is a red 'Clone' button, and at the bottom right is a blue 'Register' button.

2. Click **Clone**. Application will redirect to Device Clone window. INVIXIUM recommends selecting same product and firmware version for source and destination device during cloning process.

The screenshot shows a 'Device Clone' window with two panels: 'Source device' and 'Destination device', connected by a large blue arrow pointing from left to right. The 'Source device' panel shows a dropdown menu with 'QAT1FP2XW-24' selected, and fields for 'Device Type' (TOUCH - FP2), 'Serial Number' (A550201104), and 'Firmware Version' (01.005.000.000). The 'Destination device' panel shows a dropdown menu with 'QAT1FP1-117' selected, and fields for 'Device Type' (TOUCH - FP1), 'Serial Number' (c90b1befae), and 'Firmware Version' (01.005.000.000). A red 'Clone' button is located at the bottom right of the window.



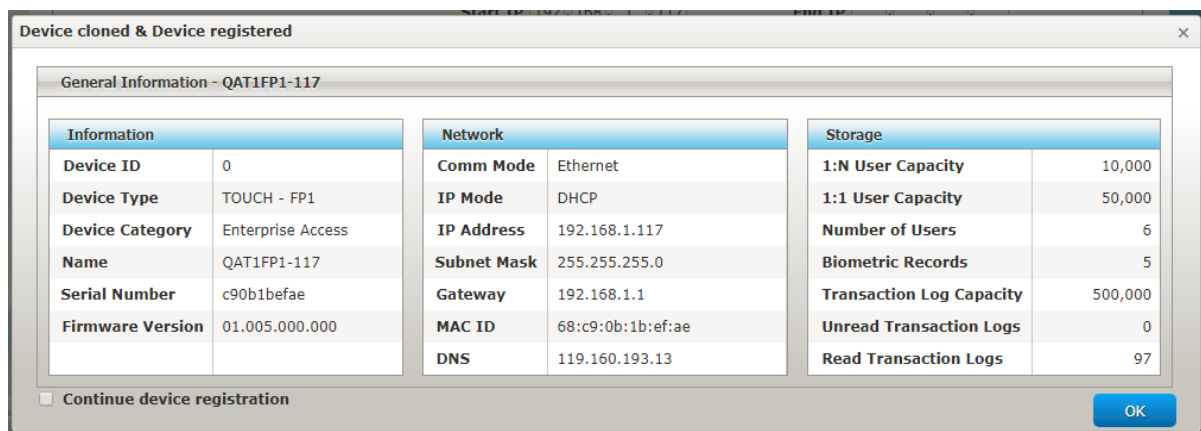
3. Click **Clone** to start cloning process for device to be cloned.

The screenshot shows a 'Registration' window with the following fields and controls:

- Information**
 - Name: QAT1FP1-117
 - Device ID: 0
 - Device Group: ADGx
- Network**
 - DHCP: ACTIVE
 - In Progress: 12% (indicated by a progress bar with 12 blue dots)
 - Subnet Mask: 255 . 255 . 255 . 0
 - Port: 9734
 - Gateway: 192 . 168 . 1 . 1
- Buttons: Clone (red), Register (blue)



4. Once the whole process is completed, a Registration Successful Window will be displayed.

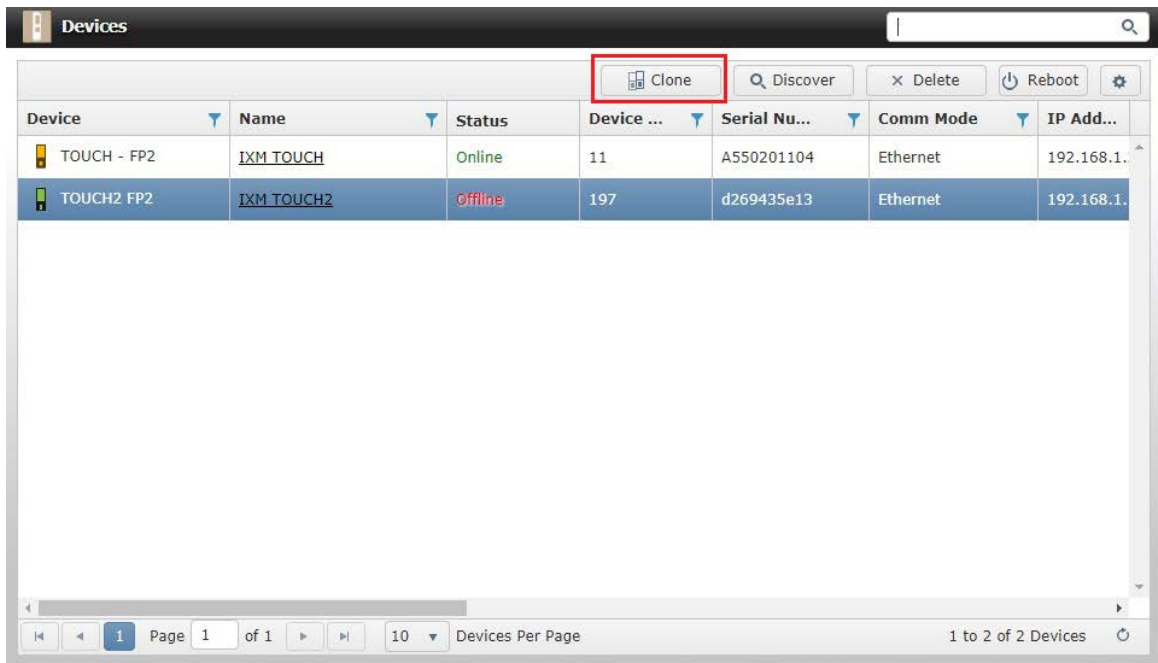


5. Clicking **OK** on the registration success window will complete device registration and device cloning.

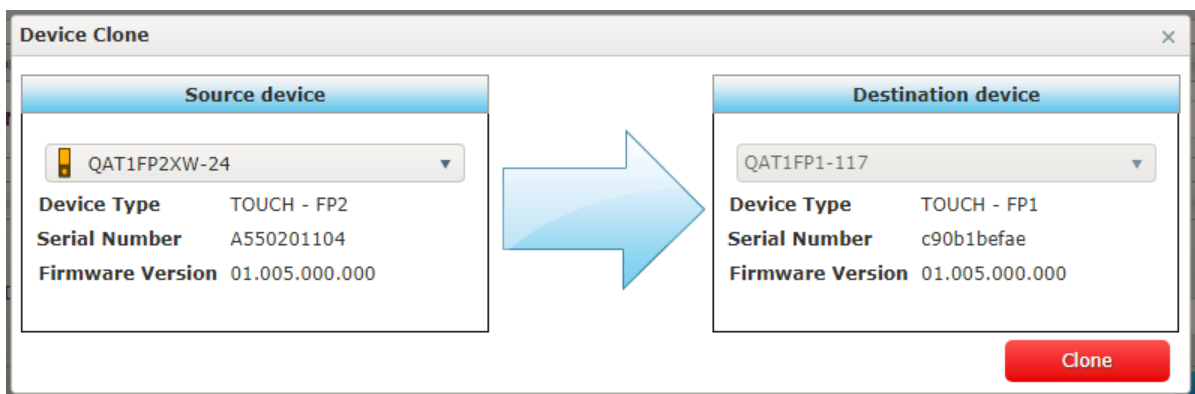


Device Cloning from Device List Page

1. Click **DEVICES** tile >> **Devices** app to get device list window.

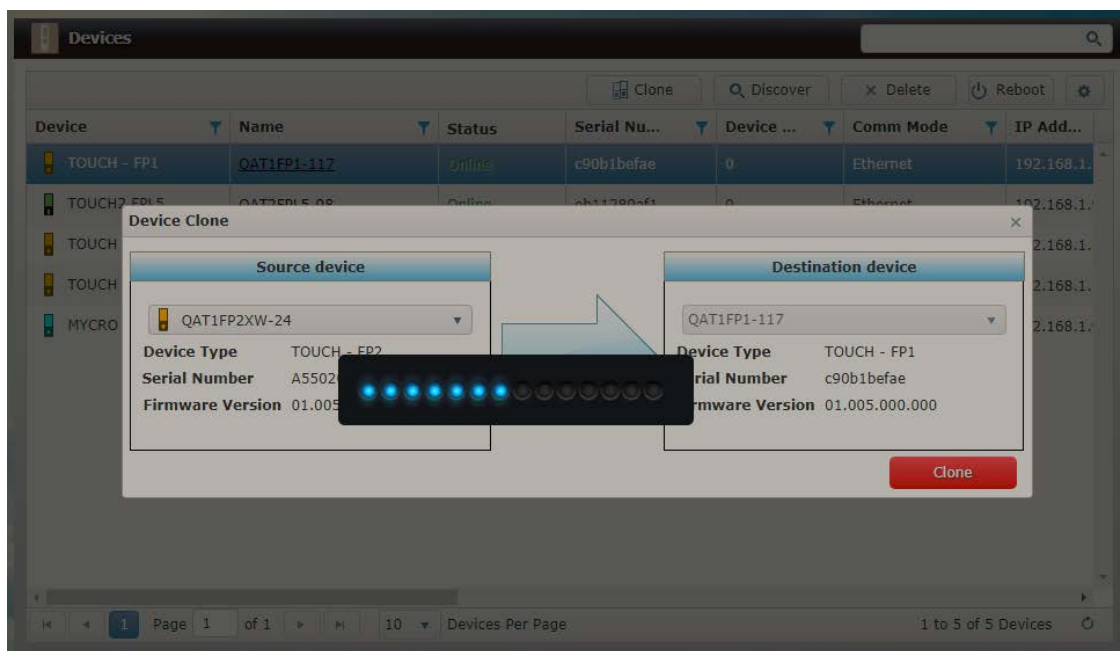


2. Select the destination device for cloning and click **Clone**. INVIXIUM recommends selecting same product and firmware version during cloning process for source and destination device.





3. Click **Clone** to start cloning process for device to be cloned.





4. After completion of the process, IXM WEB will display an Application Log window with Success/Fail transactions.

User(s) on Device list

Application Logs

Export

Details	Status	Device Name	Date	Reason
Ethernet Security setting saved	Success	QAT1FP1-117	1/5/2018 11:48:45 AM	
Save Biometric Schedule	Success	QAT1FP1-117	1/5/2018 11:48:45 AM	
Message settings saved	Success	QAT1FP1-117	1/5/2018 11:48:57 AM	
LED settings saved	Success	QAT1FP1-117	1/5/2018 11:48:54 AM	
VoIP contacts saved	Success	QAT1FP1-117	1/5/2018 11:48:59 AM	
Panel Feedback configuration saved	Success	QAT1FP1-117	1/5/2018 11:48:45 AM	
Audio settings saved	Success	QAT1FP1-117	1/5/2018 11:48:55 AM	
Input Wiegand saved	Success	QAT1FP1-117	1/5/2018 11:49:02 AM	

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FAQ

1. Who can perform Device Cloning?

All IXM WEB users who have access to the DEVICES Tile can perform Device cloning.

2. If source device is offline and destination device is online, is it possible to apply cloning?

If source device is offline and destination device is online then yes user can perform cloning to destination device. IXM WEB collects config and user information of source device from IXM WEB Database instead of the device itself, so there is no dependency on availability of the source device.

3. If source device is online and destination device is offline, is it possible to apply cloning?

NO, cloning feature will not work if the destination device is offline. It can work if the source device is either online or offline.

4. If source device is offline and destination device is also offline, is it possible to apply cloning?

NO, cloning feature will not work if the destination device is offline. The destination device needs to always be online for proper cloning results.

5. Does cloning functionality clone Ethernet settings from source device to destination device?

No, cloning functionality can only clone config settings and users with their biometrics from source device to destination device.

6. Is it possible to perform cloning between two different IXM products (For example – IXM MYCRO and IXM TOUCH)?

Yes, users can clone between any two IXM devices regardless of the product. However, if cloning between two different products is performed (for example – IXM MYCRO and IXM TOUCH), the destination device will only accept those config settings which are supported by that particular product model, other settings will be ignored.

7. What happens if I have only one device, can I use cloning to clone replaced/new device?



- a. If old/source device is registered in IXM WEB then you can still clone config settings and users with their biometric details to new/replaced device. It is not necessary for the source device to be available/online to use clone functionality but it is necessary that source device is registered in IXM WEB to use clone functionality.
- b. If old/source device is not registered in IXM WEB then you cannot use clone functionality.

8. Is it possible to clone only config settings to destination device?

Yes, IXM WEB user can use clone functionality to clone only config settings from source device to destination device.

9. Is it possible to clone only users to destination device?

Yes, IXM WEB user can use clone functionality to clone only users from source device to destination device.

10. I have two devices, and both are having different device firmware version. Is it possible to use clone functionality for these two devices?

Clone functionality does not depend on the device firmware version, so yes, you can use clone functionality for these two devices. However, any newly introduced feature will not be cloned if one of the devices is having an older firmware version.



Support

For more information relating to this Feature Description document, please contact us at: support@inxium.com

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