

Feature Description Document

Understanding Transaction Logs

Purpose

This document outlines a detailed understanding of Transaction Logs.

Applies to

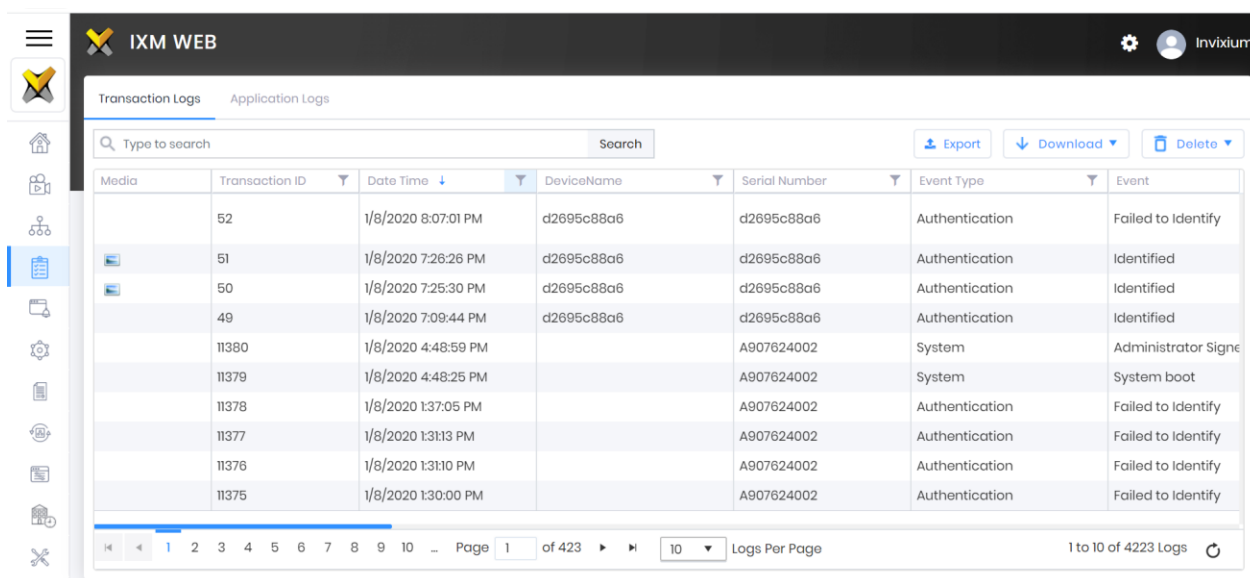
TITAN	TFACE	TOUCH 2	SENSE 2	MERGE 2	MYCRO
All Devices	All Devices	All Devices	All Devices	All Devices	All Devices

Description

A transaction log is created during device booting. When any event occurs, it gets stored in the transaction logs along with the current device time stamp. IXM WEB can download transaction logs from the device, that are stored in the local database and mark them as read once downloaded.

IXM WEB 2.0 onwards Transaction Logs app will display logs from all devices instead of a selected device.

From Home >> Expand the **Left Navigation Pane** >> Navigate to **Logs** to view the Transaction Logs.



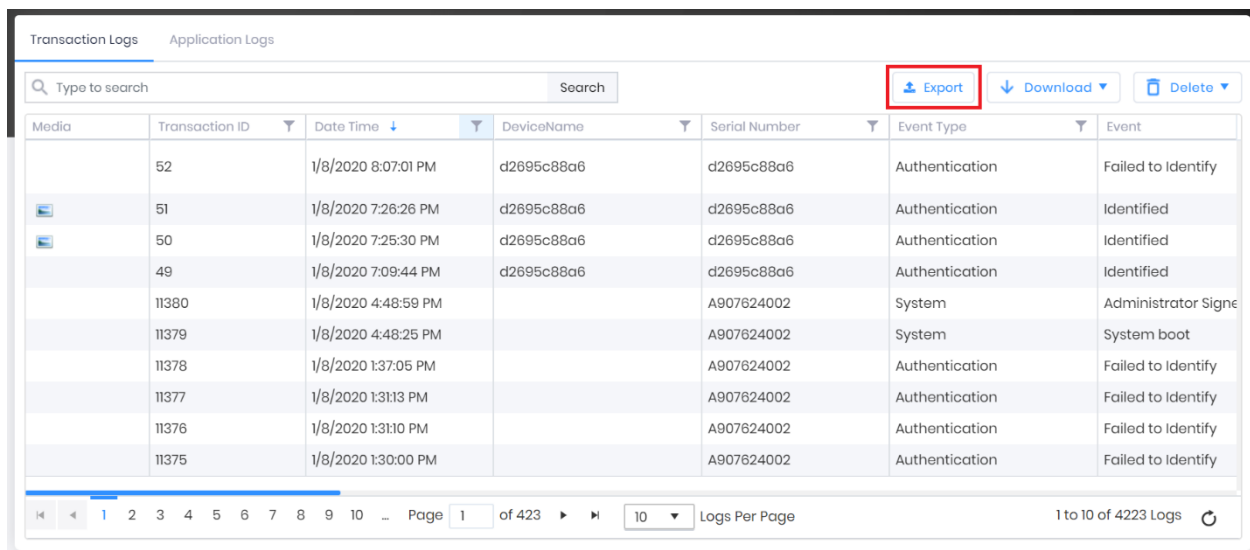
The screenshot shows the IXM WEB interface with the Transaction Logs section active. The interface includes a search bar, a table of logs, and a pagination control at the bottom.

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Signe
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify



At the bottom of the interface, there is a pagination control showing "Page 1 of 423" and "10 Logs Per Page". The total number of logs is "1 to 10 of 4223 Logs".

Export

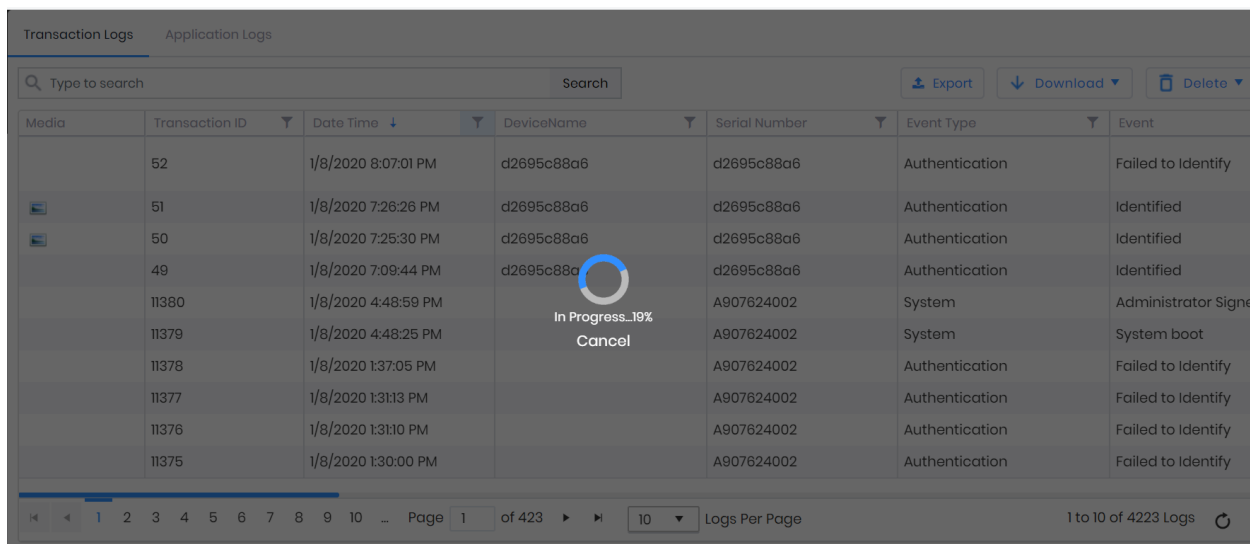
1. Click **Export** to download transaction logs into a .csv file using the Export functionality.





The screenshot shows the 'Transaction Logs' tab in a web application. At the top, there are tabs for 'Transaction Logs' and 'Application Logs'. Below them is a search bar with the placeholder text 'Type to search' and a 'Search' button. To the right of the search bar are three buttons: 'Export' (highlighted with a red box), 'Download' (with a dropdown arrow), and 'Delete' (with a dropdown arrow). Below the buttons is a table with the following columns: Media, Transaction ID, Date Time, DeviceName, Serial Number, Event Type, and Event. The table contains 12 rows of data. At the bottom of the table, there is a pagination bar showing 'Page 1 of 423' and '10 Logs Per Page'. On the far right of the pagination bar, it says '1 to 10 of 4223 Logs' with a refresh icon.

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Signe
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify

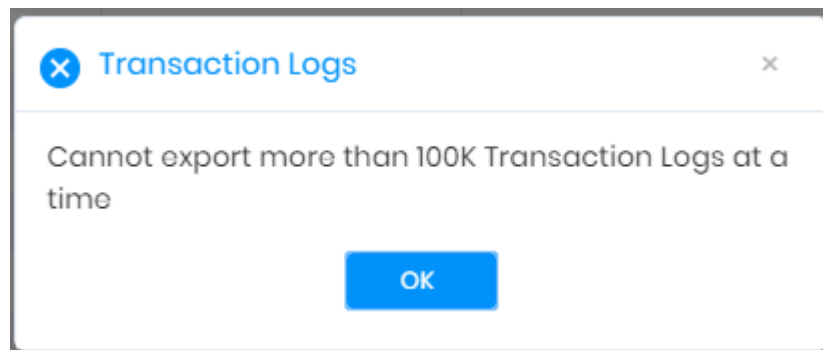
2. An export progress window will be displayed.



The screenshot shows the same 'Transaction Logs' interface as the previous one, but with an export progress window overlay. The window is a semi-transparent gray box with a circular progress indicator in the center. The progress indicator is a blue circle with a white border, and the text 'In Progress...19%' is written inside it. Below the progress indicator is a 'Cancel' button. The background table and pagination bar are visible but slightly dimmed.

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Signe
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify

3. Upon completion, the user can view the exported Transaction Log .csv (TransactionLog_DD_MM-YYYY_HH_MM_SS.csv) file.
4. IXM WEB will export only 100K Transaction Logs. If the user tries to export more than 100K Transaction Logs, IXM WEB will display a message “Cannot export more than 100K Transaction Logs at a time”.



Download Unread Logs

1. Select "Unread" to download unread transactions from the device(s).

Transaction Logs
Application Logs

Unread
All
Media

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Sign
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify

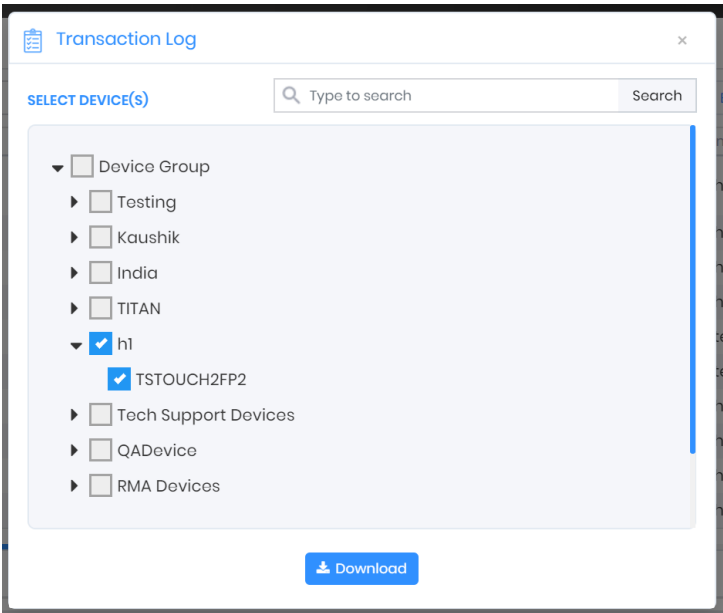
1
2
3
4
5
6
7
8
9
10
...

Page 1 of 423

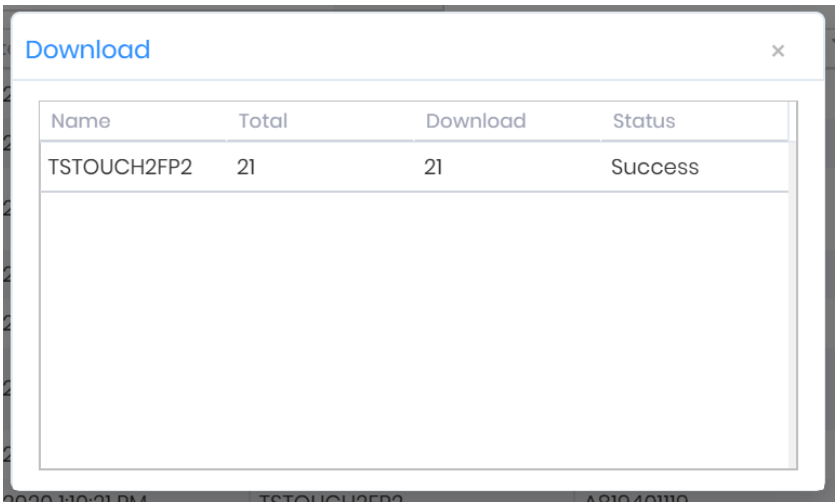
10

Logs Per Page
1 to 10 of 4223 Logs

2. In the device selection window, select device(s) as per requirement.

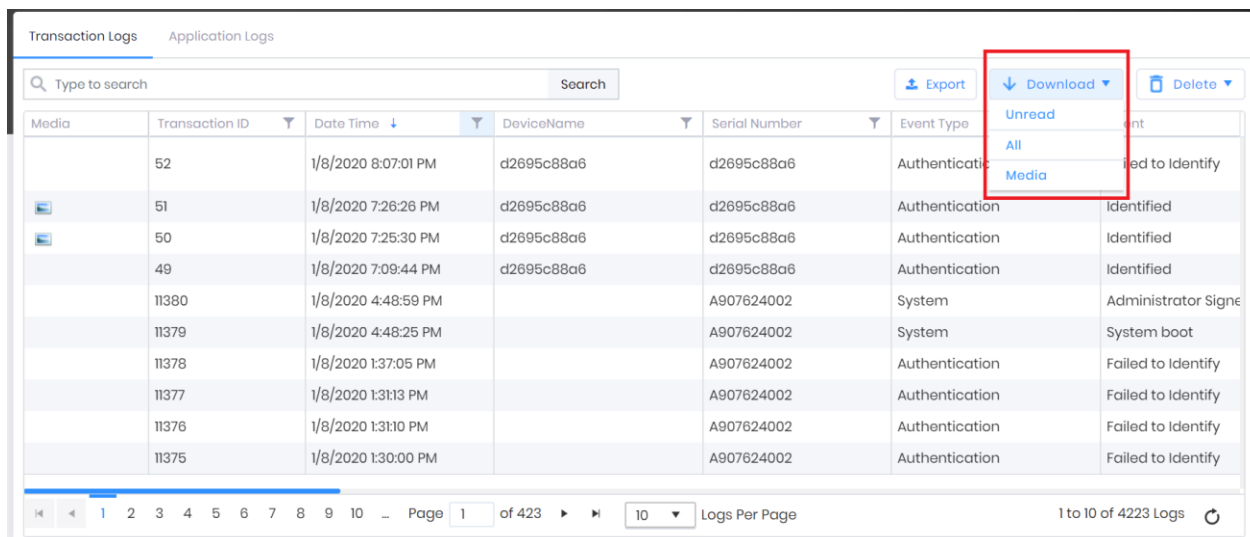


3. Click **Download** to start downloading unread transactions from the selected device(s) and upon completion, a log will be displayed showing the successful and failed transaction numbers.





Download All Logs

1. Select "All" to download all transactions from a device.

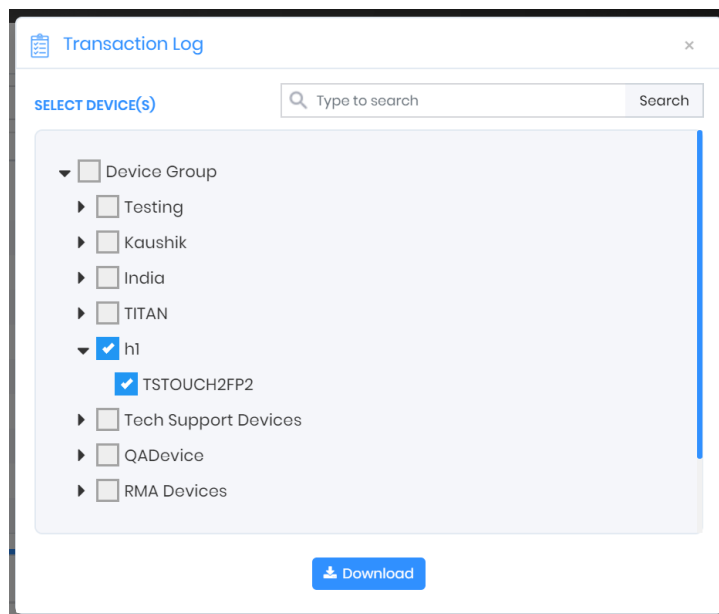


The screenshot shows the 'Transaction Logs' tab in a web application. A table lists transaction details, and a 'Download' dropdown menu is open, highlighting the 'All' option.

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Sign
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify

Page 1 of 423 | 10 Logs Per Page | 1 to 10 of 4223 Logs

2. In the device selection window, select devices(s) as per requirement.



The screenshot shows the 'Transaction Log' window with a 'SELECT DEVICE(S)' section. A search bar is present, and a list of device groups is shown with checkboxes. The 'h1' group is expanded, and 'TSTOUCH2FP2' is selected.

Transaction Log

SELECT DEVICE(S)

Type to search

- ☐ Device Group
 - ☐ Testing
 - ☐ Kaushik
 - ☐ India
 - ☐ TITAN
 - ☒ h1
 - ☒ TSTOUCH2FP2
 - ☐ Tech Support Devices
 - ☐ QA Device
 - ☐ RMA Devices

[Download](#)

- Click **Download** to start downloading all transaction logs from the device. The progress bar window will be displayed.

Transaction Logs Application Logs

Search Type to search Search Export Download Delete

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	1662	1/9/2020 1:20:54 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1661	1/9/2020 1:20:51 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1660	1/9/2020 1:20:46 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1659	1/9/2020 1:20:43 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1658	1/9/2020 1:10:31 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1657	1/9/2020 1:10:28 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1656	1/9/2020 1:10:24 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1655	1/9/2020 1:10:21 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	351	1/9/2020 12:11:06 PM		A529099009	Authentication	Failed to Identify

Page 1 of 57 10 Logs Per Page 1 to 10 of 570 Logs

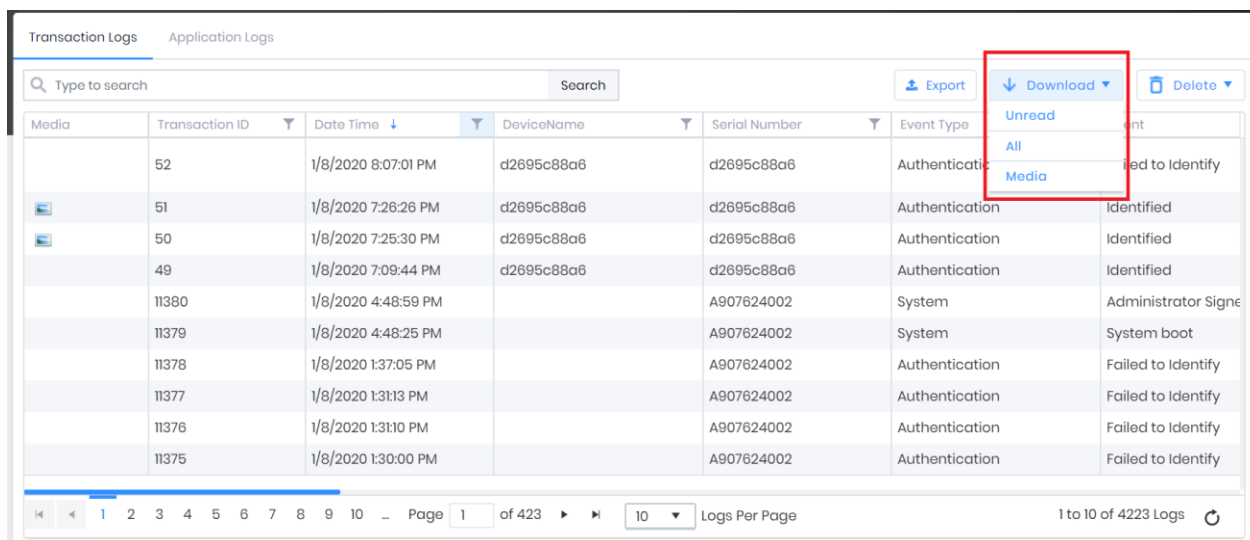
- Upon completion, a log will display the successful and failed transaction numbers.

Download

Name	Total	Download	Status
TSTOUCH2FP2	1662	1662	Success

Download Media Logs (For TOUCH 2 & TITAN)

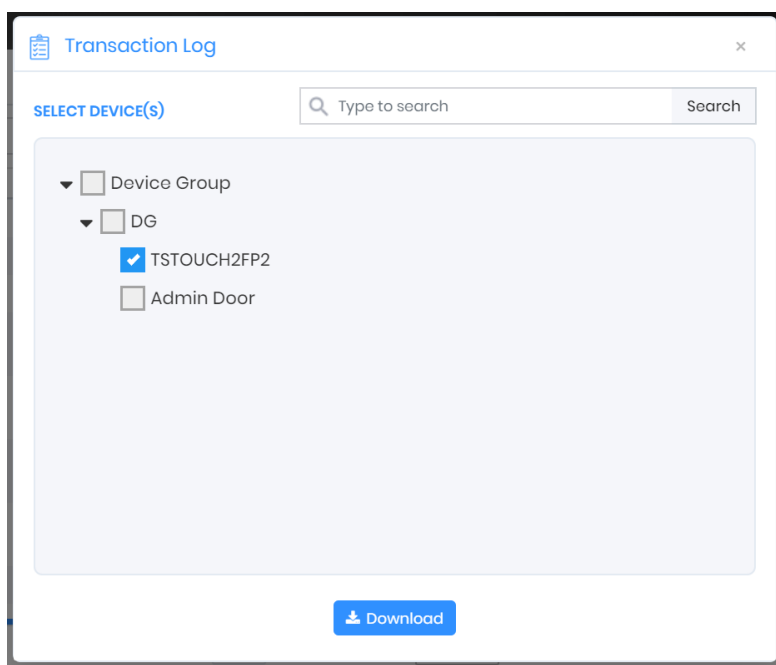
1. Select “Media” to download Media from the device.



The screenshot shows the 'Transaction Logs' interface. At the top, there are tabs for 'Transaction Logs' and 'Application Logs'. Below the tabs is a search bar with the placeholder text 'Type to search' and a 'Search' button. To the right of the search bar are buttons for 'Export', 'Download', and 'Delete'. The 'Download' button has a dropdown menu that is open, showing three options: 'Unread', 'All', and 'Media'. The 'Media' option is highlighted. Below the buttons is a table with the following columns: 'Media', 'Transaction ID', 'Date Time', 'DeviceName', 'Serial Number', 'Event Type', and 'Event'. The table contains several rows of log data. At the bottom of the table, there is a pagination bar showing 'Page 1 of 423' and 'Logs Per Page' set to 10.

Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	52	1/8/2020 8:07:01 PM	d2695c88a6	d2695c88a6	Authentication	Failed to Identify
	51	1/8/2020 7:26:26 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	50	1/8/2020 7:25:30 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	49	1/8/2020 7:09:44 PM	d2695c88a6	d2695c88a6	Authentication	Identified
	11380	1/8/2020 4:48:59 PM		A907624002	System	Administrator Signe
	11379	1/8/2020 4:48:25 PM		A907624002	System	System boot
	11378	1/8/2020 1:37:05 PM		A907624002	Authentication	Failed to Identify
	11377	1/8/2020 1:31:13 PM		A907624002	Authentication	Failed to Identify
	11376	1/8/2020 1:31:10 PM		A907624002	Authentication	Failed to Identify
	11375	1/8/2020 1:30:00 PM		A907624002	Authentication	Failed to Identify

2. In the device selection window, select device(s) as per requirement.

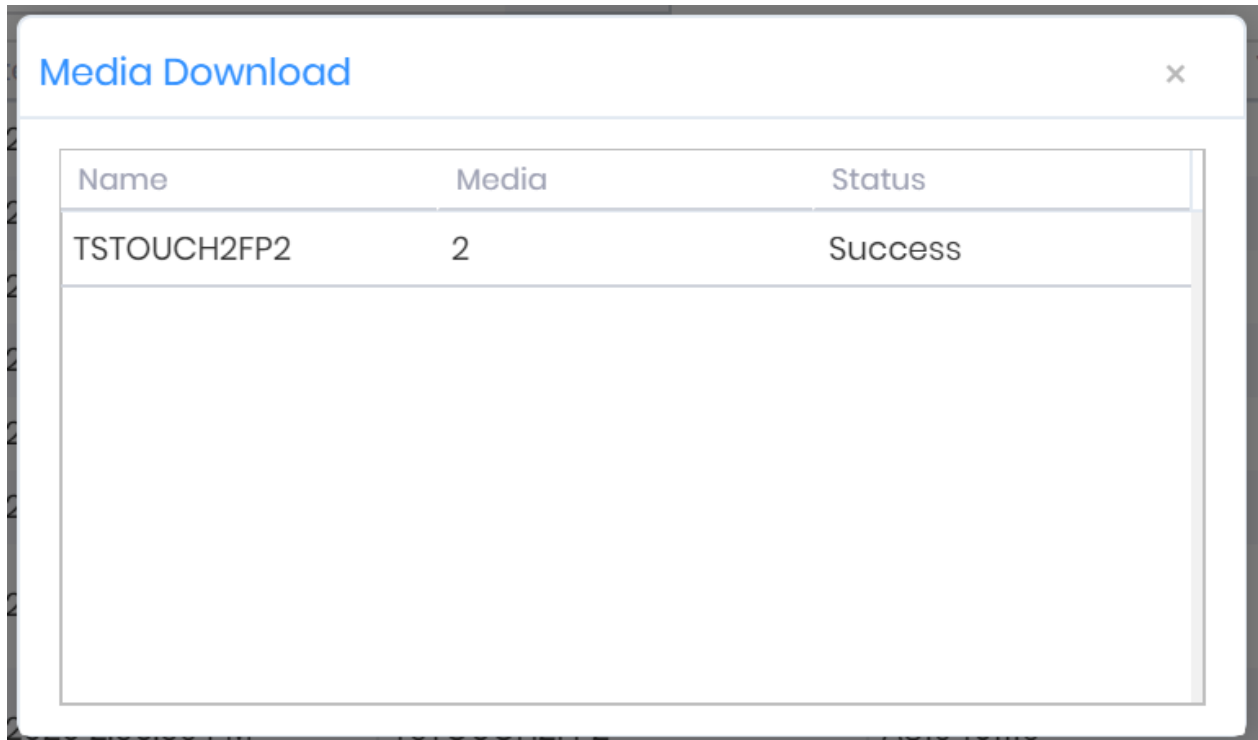


The screenshot shows the 'Transaction Log' window with a 'SELECT DEVICE(S)' section. It includes a search bar with the placeholder text 'Type to search' and a 'Search' button. Below the search bar, there are several checkboxes for selecting devices: 'Device Group', 'DG', 'TSTOUCH2FP2' (which is checked), and 'Admin Door'. At the bottom of the window, there is a 'Download' button.

- This will start downloading Media files from the selected device(s). The progress bar window will be displayed.

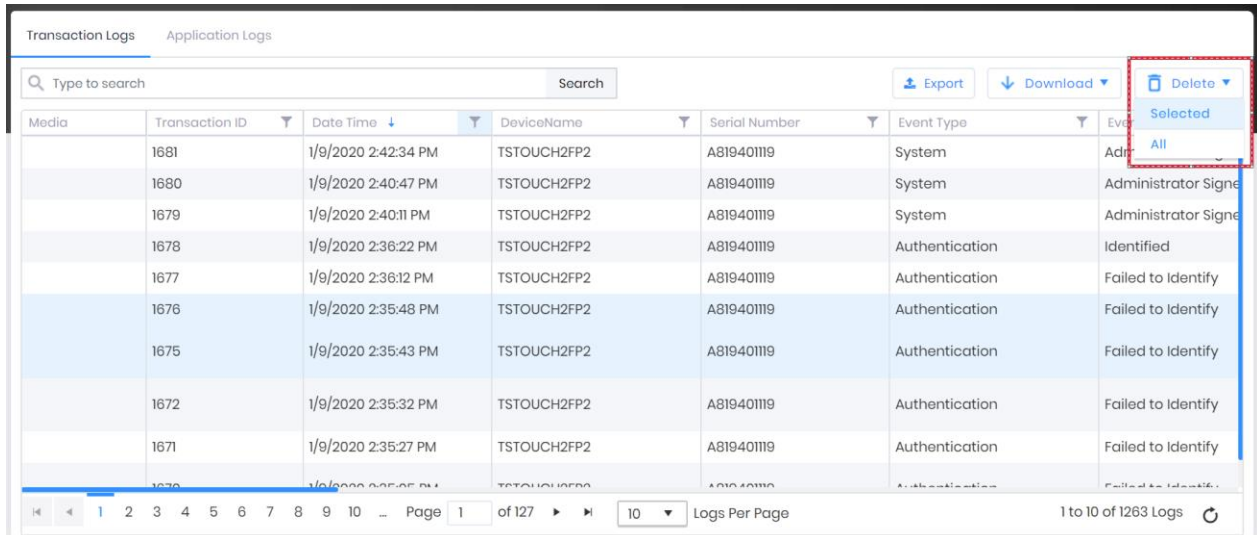
Transaction Logs		Application Logs				
Type to search		Search		Export	Download	Delete
Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	1662	1/9/2020 1:20:54 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1661	1/9/2020 1:20:51 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1660	1/9/2020 1:20:46 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1659	1/9/2020 1:20:43 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1658	1/9/2020 1:10:31 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1657	1/9/2020 1:10:28 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1656	1/9/2020 1:10:24 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1655	1/9/2020 1:10:21 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	351	1/9/2020 12:11:06 PM		A529099009	Authentication	Failed to Identify

4. Upon completion of the process a confirmation window will be displayed.



Delete Selected Logs

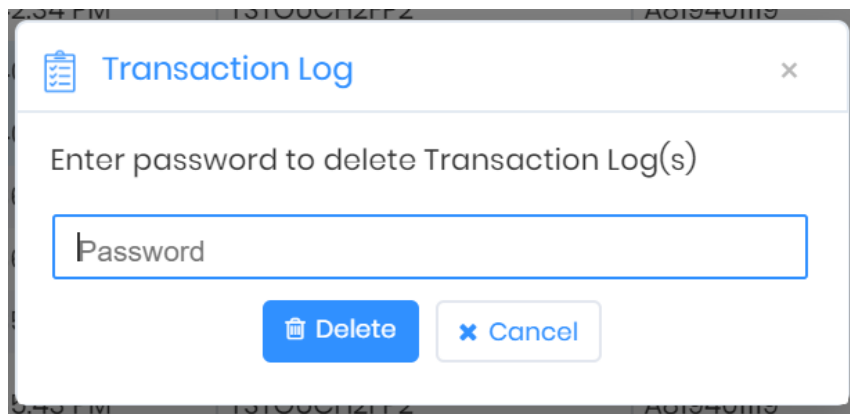
1. Select transaction log(s) that need to be deleted, go to “Delete” and click “Selected” to delete selected transaction log(s) from IXM WEB.



The screenshot shows the 'Transaction Logs' tab in the IXM WEB interface. A table lists transaction logs with columns: Media, Transaction ID, Date Time, DeviceName, Serial Number, Event Type, and Event Description. Several rows are highlighted in blue. A 'Delete' dropdown menu is open, showing 'Selected' and 'All' options. The 'Selected' option is highlighted.

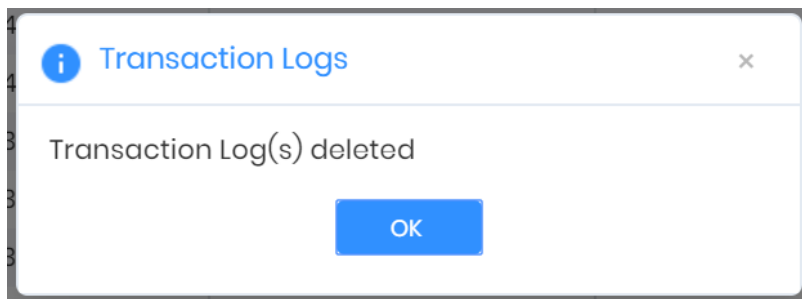
Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event Description
	1681	1/9/2020 2:42:34 PM	TSTOUCH2FP2	A819401119	System	Administrator Sign
	1680	1/9/2020 2:40:47 PM	TSTOUCH2FP2	A819401119	System	Administrator Sign
	1679	1/9/2020 2:40:11 PM	TSTOUCH2FP2	A819401119	System	Administrator Sign
	1678	1/9/2020 2:36:22 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1677	1/9/2020 2:36:12 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1676	1/9/2020 2:35:48 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1675	1/9/2020 2:35:43 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1672	1/9/2020 2:35:32 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1671	1/9/2020 2:35:27 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify

2. A password confirmation window will be displayed.



The screenshot shows a 'Transaction Log' window with a close button (X). The text 'Enter password to delete Transaction Log(s)' is displayed. Below the text is a password input field labeled 'Password'. At the bottom are two buttons: 'Delete' and 'Cancel'.

3. Enter the valid password (Use the same login & password) and click **Delete** to delete selected log(s) from IXM WEB and a confirmation window will be displayed.

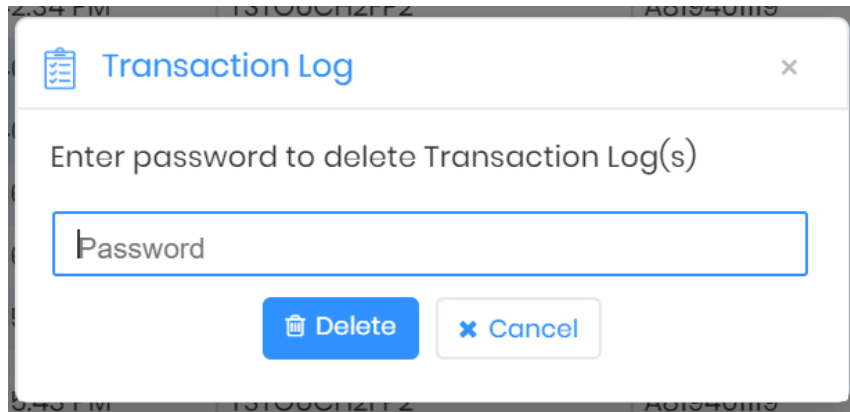


Delete All Logs

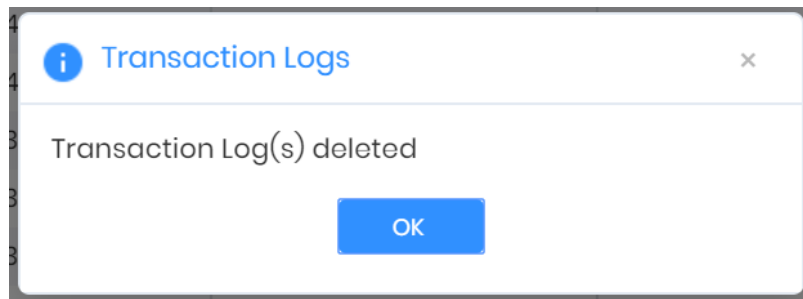
1. Click "All" to delete all transaction logs from IXM WEB.

Transaction Logs						
Application Logs						
<input type="text" value="Type to search"/> <input type="button" value="Search"/>				<input type="button" value="Export"/>	<input type="button" value="Download"/>	<input type="button" value="Delete"/>
<div> <div>Selected</div> <div>All</div> </div>						
Media	Transaction ID	Date Time	DeviceName	Serial Number	Event Type	Event
	1681	1/9/2020 2:42:34 PM	TSTOUCH2FP2	A819401119	System	Administrator Signe
	1680	1/9/2020 2:40:47 PM	TSTOUCH2FP2	A819401119	System	Administrator Signe
	1679	1/9/2020 2:40:11 PM	TSTOUCH2FP2	A819401119	System	Administrator Signe
	1678	1/9/2020 2:36:22 PM	TSTOUCH2FP2	A819401119	Authentication	Identified
	1677	1/9/2020 2:36:12 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1676	1/9/2020 2:35:48 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1675	1/9/2020 2:35:43 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1672	1/9/2020 2:35:32 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1671	1/9/2020 2:35:27 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify
	1670	1/9/2020 2:35:25 PM	TSTOUCH2FP2	A819401119	Authentication	Failed to Identify

2. A password confirmation window will be displayed.



3. Enter a valid password (Use the same login & password) and click **Delete** to delete all log(s) from IXM WEB and a confirmation window will be displayed.





Support

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

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