



(Formerly TIPWeb-IT)
Release Notes – Version 16.1

Frontline Education is happy to announce the release of Asset Management v 16.1 which includes the following enhancements:

- **MDM Audit Verification**

This document outlines key capabilities, setup information, feature scope, and usage tips to help users understand and use this functionality effectively.

MDM Audit Verification

Asset Management version 16.1 introduces MDM Audit Verification, allowing districts to automatically verify devices during an audit using activity data from their Mobile Device Management (MDM) system.

Instead of manually confirming every device, districts can now verify devices based on recent activity, reducing audit effort while maintaining full accountability and traceability.

Key Capabilities

- Automatically verifies devices during audit generation based on **MDM Last Seen activity**.
- Devices with activity after a selected date are marked as **Verified**
- Reduces manual audit workload
- Uses real device activity as supporting evidence

How MDM Audit Verification Works

MDM Audit Verification strengthens audit accuracy and accountability by ensuring devices are verified using real activity data while maintaining a complete and traceable audit history.

MDM Audit Verification is configured within the **Initiate Site Audit** screen.

Initiate Audit

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Initiate Site Audit

Save Preference

Audit Name: MDM Verification

Save Preference As

Audit For: All items checked

Saved Preferences

Audit Due Date

Restrict Site Access:

- Check All
- Room
- Staff
- Student

Set Up and Run Your Audit

1. Enter an **Audit Name** and select **Audit For** (Room, Staff, or Student)
2. Define your audit scope (Sites, Product Types, Rooms, Staff, Grades)

These selections determine which devices are included in the audit.

Initiate Site Audit ✕

Save Preference

Save Preference As

Saved Preferences

Audit Name:

Audit For:

Audit Due Date:

Restrict Site Access:

Site(s):

Product Type(s): Check All

Room Type(s): 000 General

Staff Type(s): 001 Bryan Adams High

Grade(s): 002 Adamson High

Verify Tags Modified After: 003 New Tech at B.F. Darrell

Verify Tags Seen in MDM After: 004 Multiple Career Center

E-Mail Staff to Audit Homerooms: 005 Molina High

E-Mail Staff to Audit Inventory: 006 Hillcrest High

007 Jefferson High

008 Kimball High

009 Lincoln High

010 Barbara Moss Middle

Configure MDM Verification

Verify Tags Seen in MDM After

- Select a date
- The date must be **today or earlier (not a future date)**

Initiate Site Audit ✕

Save Preference
 Save Preference As
 Saved Preferences

Audit Name:

Audit For:

Audit Due Date:

Restrict Site Access: ?

Site(s):

Product Type(s):

Room Type(s):

Staff Type(s):

Grade(s):

Verify Tags Modified After:

Verify Tags Seen in MDM After:

Verified MDM Tags Status(es) for Room:

Verified MDM Tags Status(es) for Staff:

Verified MDM Tags Status(es) for Student:

E-Mail Staff to Audit Homerooms: ?

E-Mail Staff to Audit Inventory: ?

Setting the Verify Tags Seen in MDM After date will verify all tags in the below selected statuses whose MDM last seen date is after the selected date.

This tells the system:

Automatically verify any device with MDM activity after this date

Initiate Site Audit ✕

Save Preference
 Save Preference As
 Saved Preferences

Audit Name:

Audit For:

Audit Due Date:

Restrict Site Access: ?

Site(s):

Product Type(s):

Room Type(s):

Staff Type(s):

Grade(s):

Verify Tags Modified After:

Verify Tags Seen in MDM After:

Verified MDM Tags Status(es) for Room:

Verified MDM Tags Status(es) for Staff:

Verified MDM Tags Status(es) for Student:

E-Mail Staff to Audit Homerooms: ?

E-Mail Staff to Audit Inventory: ?

- Check All
- Auctioned
- Available
- Disposed
- In Repair
- In Transit
- In Use
- Lost
- Pending Lost
- Pending Stolen
- Pending Transfer

Select Eligible Statuses

Choose which devices are allowed to be automatically verified:

- Verified MDM Tags Status(es) for Room / Staff / Student

Only devices in these statuses will be verified.

Statuses Include:

- In Use
- Assigned to Student
- Assigned to Staff
- Exclude:
- Lost
- Stolen
- Pending Lost
- Pending Stolen
- Disposed

Example:

- A device marked **Lost** may still report activity
- If “Lost” is excluded, it will **not be verified**

(Optional) Add Modified Date Verification

Verify Tags Modified After

- Verifies devices based on recent updates
- Can be used alongside MDM verification

Start the Audit- Click **GO** to initiate the audit.

What Happens When You Click GO

The system evaluates every device included in the audit:

- Checks MDM Last Seen Date
- Compares it to the selected date
- Confirms the device status is eligible
- Evaluates Tag Modified Date (if enabled)

MDM verification is applied at the time the audit is initiated.

Devices are **not continuously re-evaluated** as new MDM data is received.

NOTE: A device will only be re-evaluated if its **location changes** (site, room, staff, or student assignment).

Site audits are created and all assets meeting the MDM criteria are marked verified:

District Audit Details

Audit Details

Audit Name: MDM audit Kimball - stu	Product Types: 3 Selected	Ignore Tags Modified Date: New: 1609
Audit For: Student	Grades: All	In Progress: 0
Created Date: 03/19/2026		Scan Complete: 0
Last Modified Date: 03/19/2026		

Complete Scan (Move to Reconcile) Reopen All

Location	Status	Modified Date	Inventory	Verified	Found	Missing	Misplaced	Actions
Student: Joseph Anthony Gonzalez	New	03/19/2026	1	1	0	0	0	
Student: Jonathan Trevino	New	03/19/2026	1	1	0	0	0	
Student: Roberto Yahir Alcantar	New	03/19/2026	1	1	0	0	0	
Student: Julieta Bonilla	New	03/19/2026	2	1	0	1	0	
Student: Ruby Jaramillo	New	03/19/2026	1	1	0	0	0	
Student: Charles Wayne Bryant	New	03/19/2026	1	1	0	0	0	
Student: Dario ismael Zapata Hernandez	New	03/19/2026	1	1	0	0	0	
Student: Matthew Nathaniel Padilla	New	03/19/2026	1	1	0	0	0	
Student: Emiliano Munoz	New	03/19/2026	1	1	0	0	0	
Student: Anthony Oswaldo Piche	New	03/19/2026	1	1	0	0	0	

Audit Totals: 360 27 0 333 0

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Assets not meeting the MDM date criteria are moved to a state of “missing”.

When the site audit is approved, reconciliation tasks for assets in a state of “missing” are available for actions.

Basic Filters

Audit Name: MDM audit Adamson	Site Name: Please select:	Funding Source: Please search: <input type="text"/>
Tag Audit State: Please select:	Expected Location Site: Please select:	Product Type: Please search: <input type="text"/>
Location Audit Status: Please select:	Expected Location Type: Please select:	Asset Type: Please select:
Action Taken: Please select:	Tag Status: Please select:	Department: Please select:

Advanced Filters

0 item(s) selected Edit Columns Reconcile Please Select Audit Report...

☐	Audit State	Tag	Product Type	Product Name	Tag Status	Funding Source	Department	Last Scan Date	Expected Location	Audit Location	Actions
<input type="checkbox"/>	Missing	2082481	COMPUTERS - TABLETS	Apple Tablet iPad WiFi	In Use	652	Technology	09/24/2025	002 Adamson High Student: Fredy Oziel Nunez	002 Adamson High Student: Fredy Oziel Nunez	Select Action
<input type="checkbox"/>	Missing	2132937	COMPUTERS - TABLETS	Apple Tablet iPad WiFi	In Use	652	Technology	02/04/2026	002 Adamson High Student: Fredy Oziel Nunez	002 Adamson High Student: Fredy Oziel Nunez	Select Action
<input type="checkbox"/>	Missing	901396	COMPUTERS - TABLETS	Apple Tablet iPad WiFi	In Use	Donations	Technology	08/12/2023	002 Adamson High Student: Anthony Enrique Guerrero	002 Adamson High Student: Anthony Enrique Guerrero	Select Action
<input type="checkbox"/>	Missing	1607773	COMPUTERS - TABLETS	Apple Tablet iPad WiFi Gen 9	In Use	652	Technology	09/24/2025	002 Adamson High Student: Diego Isaias Gonzalez	002 Adamson High Student: Diego Isaias Gonzalez	Select Action
<input type="checkbox"/>	Missing	1709740	COMPUTERS - TABLETS	Apple Tablet iPad WiFi Gen 9	In Use	281	Special Revenue	10/01/2025	002 Adamson High Student: Miguel Angel Romo	002 Adamson High Student: Miguel Angel Romo	Select Action

After the audit is reconciled, Audit History under each tag will reflect the audit state and the action taken.

Tag Information

Tag/Serial: Select Action...

Detail	Status History	Audit History	Ticket History	Components	Attachments (1)
Tag: 1201094				Device Name: DISDSF-BZXHJR2	
Serial: BZXHJR2				External IP: 167.91.2.84	
Site: 002 Adamson High				Internal IP: 10.202.98.99	
Location: 002 Adamson High				Last Login Date: 12/01/2025 2:57:40 PM EST	
Staff: JON M ANDERSON				Last Login User: jonanderson1@dallasisd.org	
Department: Technology				Last Seen Date: 2026-02-17 19:29:04 EST	
Asset Type: Standalone				LAT/LONG: -96.8207075,32.748164	
Status: In Use				MAC Address: B4692175E658	
Scan Date: 11/14/2025				MDM Status: registered	
RFID: Not Enabled				OS: Windows	
				Oracle Asset #:	
				Last User:	
				Last User Time Stamp:	
				Warranty Date:	
				Asset Condition: Not Inventoried in Audit	
				Due Date:	

Tag Notes:

Funding Information:

Source: Order	Account Code: 638-81-6648-NV-870-6-99-0-00-0...
Order Number: 719362	Purchase Date: 10/31/2018
Vendor: DELL FINANCIAL SERVICES LLC	Purchase Price: \$1,098.00
Funding Source: 638	Invoice Date:
FRN:	Invoice Number:
State Funding:	Expiration Date: 10/31/2023
Federal Funding:	

Automatic Verification

A device is automatically verified when the initiate audit is submitted:

- Its **MDM Last Seen Date** is after the selected date, and
- Its **status** is included

When verified:

- The device is marked **Verified**
- **No manual action is required**

If the Device Does Not Qualify

Tag Information

Tag/Serial: SH2000051 [Quick Verify](#) Select Action...

Detail	Status History	Audit History	Ticket History	Components	Attachments
Missing	Audit Date: 3/19/2026 10:58:34 AM EST Created By: Hayes Software Systems	Expected Location: 777- Scott Michael Middle Room: 100 Audit Location: 777- Scott Michael Middle Room: 100			
Verified	Audit Date: 1/15/2026 8:12:16 AM EST Created By: Hayes Software Systems Verified By: Hayes Software Systems Verified Date: 1/15/2026 8:17:09 AM	Expected Location: 777- Scott Michael Middle Room: 100 Audit Location: 777- Scott Michael Middle Room: 100			
Missing	Audit Date: 8/31/2025 1:30:09 PM EST Created By: Hayes Software Systems	Expected Location: 777- Scott Michael Middle Staff: Joan Marie Larkin Audit Location: 777- Scott Michael Middle Staff: Joan Marie Larkin			
Missing	Audit Date: 7/28/2025 11:45:09 AM EST Created By: Hayes Software Systems Action Taken: Ignored Performed By: Hayes Software Systems	Expected Location: 777- Scott Michael Middle Staff: Joan Marie Larkin Audit Location: 777- Scott Michael Middle Staff: Joan Marie Larkin			

Tag Information

Tag/Serial: 142778 [Quick Verify](#) Select Action...

Detail	Status History	Audit History	Ticket History	Components	Attachments
Verified	Audit Date: 3/19/2026 10:49:16 AM EST Created By: Hayes Software Systems Verified By: System Verified Date: 3/19/2026 10:49:19 AM Verified Notes: Verified via Modified Date	Expected Location: SY_GSuite_RealDevice Room: SY_GSuite_R Audit Location: SY_GSuite_RealDevice Room: SY_GSuite_R			

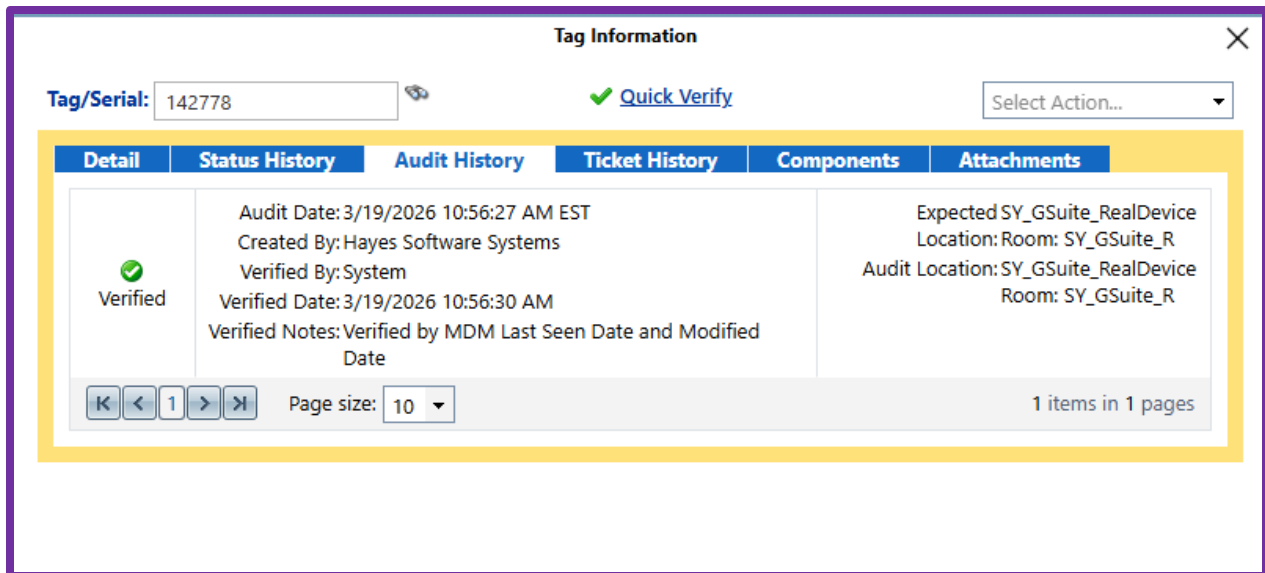
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The device remains **Missing** and must be reviewed manually.

Combined Verification (MDM + Modified Date)

If both verification options are enabled:

- If both conditions are true
→ Verified via **MDM Last Seen Date and Modified Date**
- If only one condition is true
→ Verified by that method
- If neither is true
→ Device remains Missing



Only one audit history record is created per device, even if multiple conditions apply.

Supported MDM Integrations

MDM Audit Verification is supported for the following integrations:

- Google Admin (Chrome devices)
- Jamf Pro (Apple devices)
- Mosyle
- Microsoft Intune

Each integration provides device activity data used for verification.

MDM Field Mapping- Last Seen Date

MDM Audit Verification relies on the **Last Seen (device activity) field** provided by each supported MDM integration.

Asset Management Field: Last Seen Date

This field is used during audit generation to determine whether a device qualifies for automatic verification.

The table below outlines how each supported MDM integration maps its activity field into Asset Management.

Asset Management MDM Field	Mosyle	Intune	G-Suite	JAMF Pro
Last Seen Date	DateInfo (epoch)	LastSyncDateTime	LastSync	lastContactDate

Note: Data Normalization

To ensure consistency across integrations:

- All MDM activity timestamps are **converted into a standard date format**
- Epoch-based timestamps (e.g., Mosyle) are converted to readable date/time values
- Timezone handling is normalized based on system configuration

Where to See Verification Results

Audit Details Screen

Displays all devices in the audit and their verification status.

Tag Information → Audit History

Each verified device includes:

- Verified By: System
- Verified Date
- Verified Notes:
 - Verified via MDM Last Seen Date
 - Or combined with Modified Date

Tag Information → Detail

Displays MDM data used for verification, including:

- Last Seen Date

Available Reports

Verification results are available in:

- **Audit Detail Report (Audit Scan Complete)**
Displays verification results during an active audit
- **Closed Audit Detail Report**
Displays final verification results after audit completion

All verification activity is fully tracked and reportable, including:

- Automatically verified devices

