Introduction to Umler®: The Basics

Presenter: Caleb Brenner

General Announcements

- Webinar Reminders
  - Attendees will be muted to reduce background noise.
  - Submit any questions you have via the Q&A box.
  - The presentation is expected to last 50 minutes.

- Please complete the short survey at the end of the presentation.

Webinar Objectives

After this webinar, attendees will be able to:

- Access Umler
    - Grant Umler Equipment and Inspection rights
    - Add/Modify/Delete equipment
    - Umler Query options
    - View Notice Management to resolve errors

- Transfer equipment/perform restencils

- Identify and resolve common equipment conflicts

- Understand Umler billing
    - Railinc vs. AAR fees
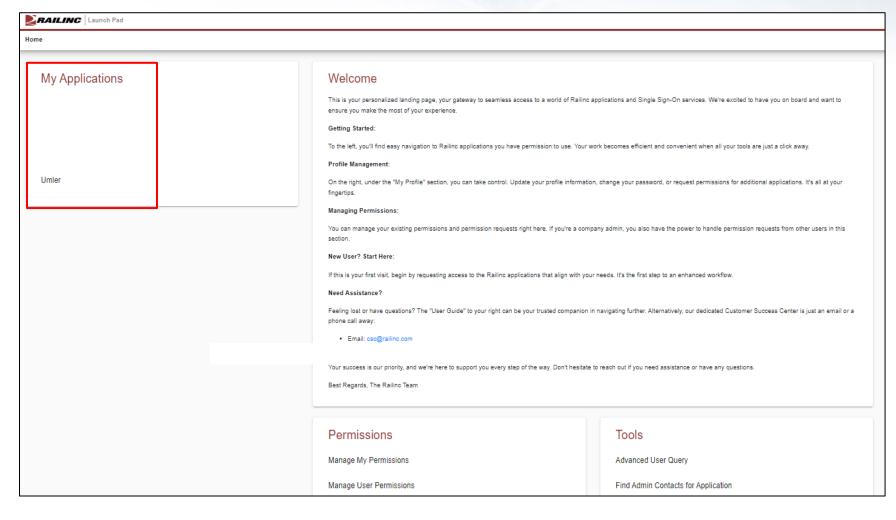
The Benefits of Umler

- The Umler equipment registry contains the physical characteristics, inspection history, transportation management and pool assignments of nearly two million pieces of rail equipment in North America. This registry is the base file for other industry reference files and industry equipment accounting files.

- The Umler system gives equipment owners four major benefits:
  - **Access:** The Umler system provides real-time updates via the web or enhanced "TRAIN II" computer-to-computer electronic messaging.
  - **Security:** Equipment-level security gives users greater control over access to equipment and the display of confidential information.
  - **Data Quality:** High data standards are built into the system through extensive, interactive data validation and proactive conflict resolution.
  - **Real-Time Updating:** All transactions are processed immediately upon request. Changes made in the Umler system are communicated instantly to the industry, reducing delays and related costs.

Signing On to Umler – Launch Pad

- Log into your account and Umler will be listed under 'My Applications' on the Launch Pad

Umler Homepage

RAILINC

RAILINC | Umler

RAILTEST : RAIL   Launch Pad ▾   Sign Out

Home   Query ▾   Maintenance ▾   Upload / Download ▾   Account Administration ▾   Contact List   Component Registry ▾   References

Welcome to the Umler® System

The Railinc **Umler**® system is the mission-critical source for reliable rail equipment data. The Umler equipment registry contains the physical characteristics, inspection history, transportation management and pool assignments of nearly two million pieces of rail equipment in North America. This registry is the base file for other industry reference files and industry equipment accounting files.

The Umler system provides rail carriers, equipment owners and shippers with real-time access to detailed equipment data, providing for the safe movement of traffic and smooth interchange of shipments between carriers. Umler allows the rail industry to provide customers with the right pieces of equipment for their shipment.

The Umler system enables better communication and collaboration among rail partners for enhanced asset management and improved rail safety.

☐ Use Spanish for error messages and form labels

Help ❓

Release Docs

Umler User Guide
Umler Data Specification Manual
Umler Change Request Form
Component Registry User Guide
Component Registry Data Specification Manual
Advanced Query User Guide

Umler Contacts for RAIL

External users are provided the following contacts when searching for RAIL Umler File Maintainers in Findus.Rail:

csc@railinc.com
Renga

Umler Company Administrator(s) for RAIL Equipment, Pool, and Inspection Rights:

Arub Abubakar

To search for contacts at other companies click here

Equipment

Single Equipment Search

🔍 Search

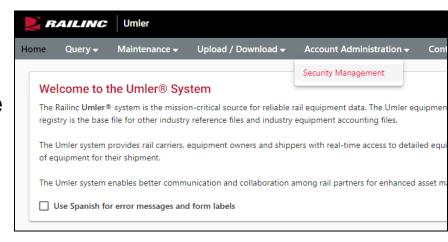Equipment units in conflict: 715

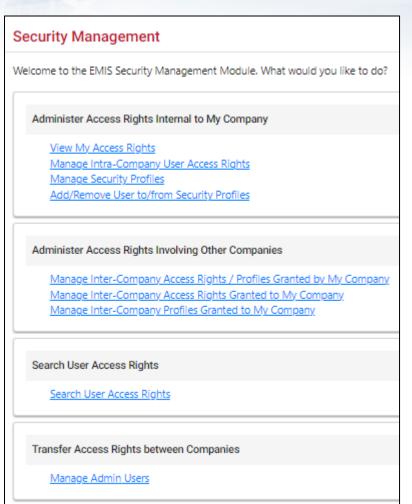Download Equipment in Conflict

Equipment with component ID conflicts: 9

Equipment Validation Requests: 6

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Company Administrators - Granting Access Rights

- Log in to Umler to grant Equipment Rights and/or Inspection Rights based on approving the Umler access for maintenance role
    - Go to the 'Account Administration' tab on the main menu and select 'Security Management'
- Note the different options for granting access rights:
    - Administer Access Rights Internal to My Company
    - Administer Access Rights Involving Other Companies

Security Management

Welcome to the EMIS Security Management Module. What would you like to do?

Administer Access Rights Internal to My Company

- View My Access Rights
- Manage Intra-Company User Access Rights
- Manage Security Profiles
- Add/Remove User to/from Security Profiles

Administer Access Rights Involving Other Companies

- Manage Inter-Company Access Rights / Profiles Granted by My Company
- Manage Inter-Company Access Rights Granted to My Company
- Manage Inter-Company Profiles Granted to My Company

Search User Access Rights

- Search User Access Rights

Transfer Access Rights between Companies

- Manage Admin Users

Granting Equipment Rights

- To 'Administer Rights Internal to My Company,' click 'Manage Intra-Company User Access Rights'
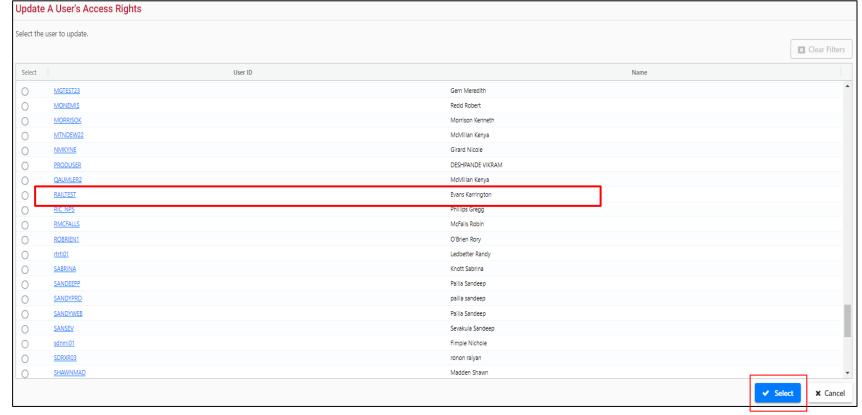
- Next, select the User ID you wish to grant Equipment Rights and click 'Select'

Administer Access Rights Internal to My Company

View My Access Rights
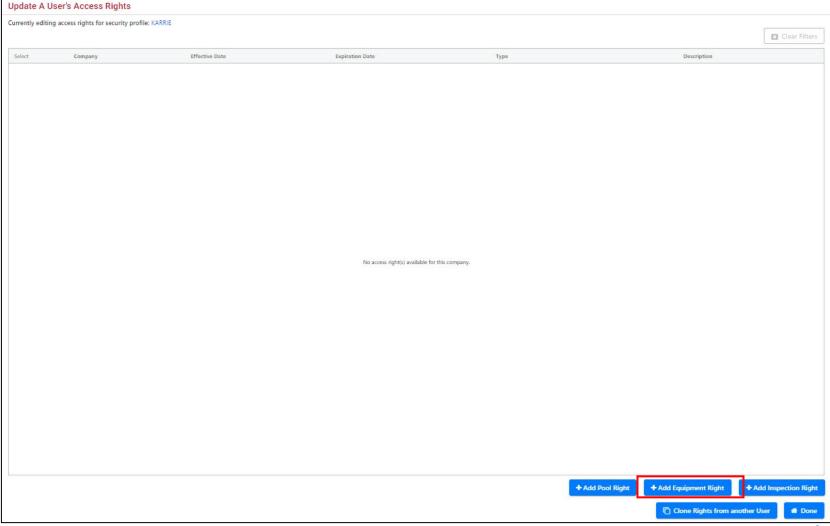Manage Intra-Company User Access Rights
Manage Security Profiles
Add/Remove User to/from Security Profiles

Update A User's Access Rights

Select the user to update.

Select	User ID	Name
○	MGTEST23	Gern Meredith
○	MONEMIS	Redd Robert
○	MORRISOK	Morrison Kenneth
○	MTNDEW22	McMillan Kenya
○	NMKYNE	Girard Nicole
○	PRODUSER	DESHPANDE VIKRAM
○	QAUMLER2	McMillan Kenya
○	RAILTEST	Evans Karrington
○	RIC_NPS	Phillips Gregg
○	RMCFALLS	McFalls Robin
○	ROBRIEN1	O'Brien Rory
○	rtrtl01	Ledbetter Randy
○	SABRINA	Knott Sabrina
○	SANDEEPP	Pailla Sandeep
○	SANDYPRD	pailla sandeep
○	SANDYWEB	Pailla Sandeep
○	SANSEV	Sevakula Sandeep
○	sdnml01	Fimple Nichole
○	SDRXR03	ronon raiyan
○	SHAWNMAD	Madden Shawn

Clear Filters

✓ Select   ✗ Cancel

Add Equipment Right
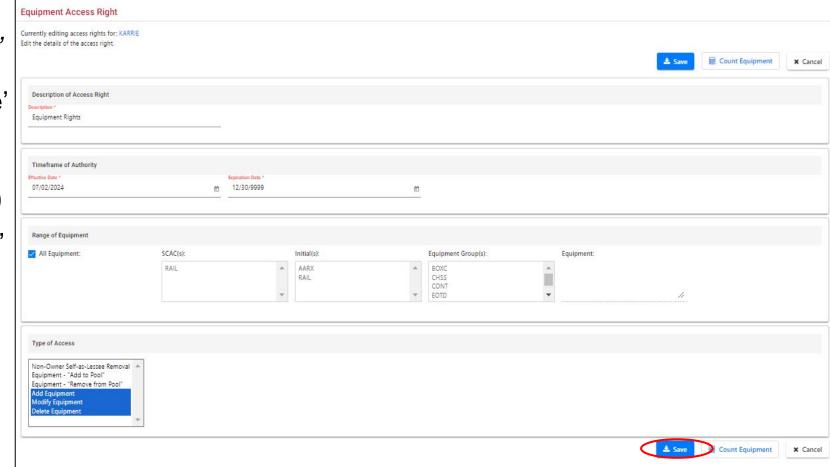
- Next, click 'Add Equipment Right'

Granting Equipment Rights
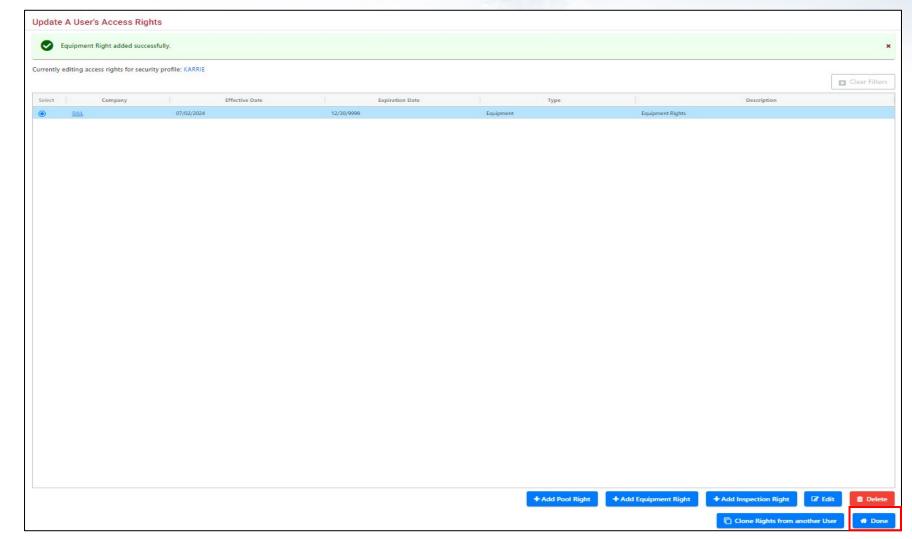
Enter the required fields:

- Step 1 – Add 'Description' *(i.e., John's Rights)*

- Step 2 – Select 'Effective Date' as current date

- Step 3 – Set 'Expiration Date' or leave default as 12/31/9999

- Step 4 – 'Range of Equipment' is defaulted to 'All Equipment' under the listed SCAC(s)

- Step 5 – Select the 'Type of Access' the user needs

- Click 'Save'

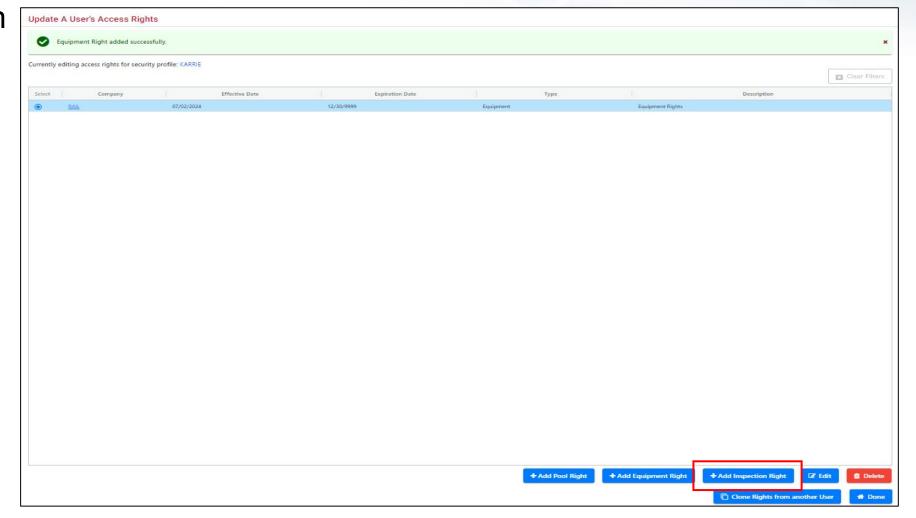# Confirmed - Equipment Rights Granted

- Confirmation Equipment Rights have been granted

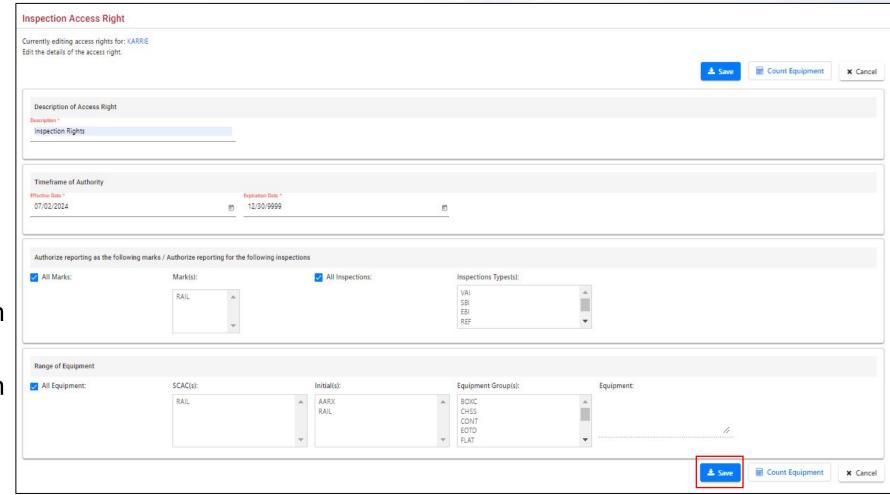- Click 'Done' to exit

Granting Inspection Rights

- Click 'Add Inspection Right' if the user will be performing inspections

Granting Inspection Rights
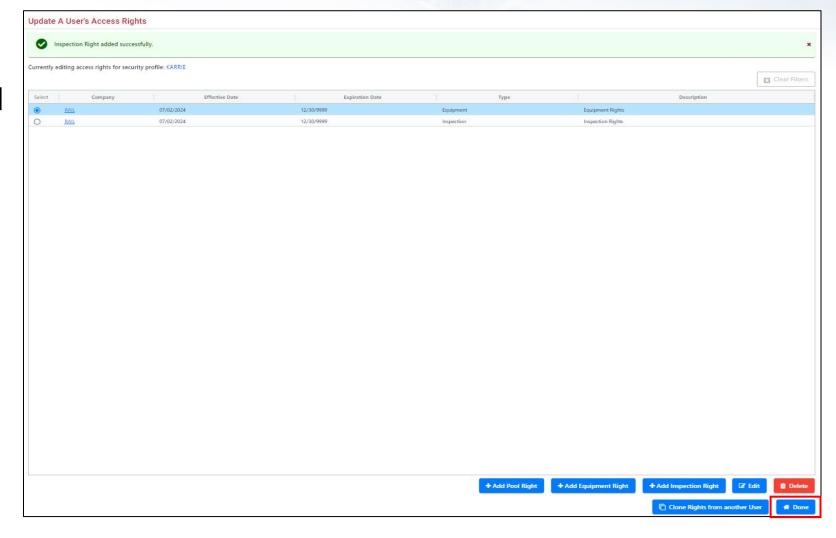
- Enter the required fields:
  - Step 1 – Type a brief description or reason for access (i.e., Inspection Rights)
  - Step 2 – Select 'Effective Date' as the current date
  - Step 3 – Specify the 'Expiration Date' or leave default as 12/31/9999
  - Step 4 – Specify which inspections and marks the user needs
  - Step 5 – Specify which equipment the user should have access to
- Click 'Save'

Confirmed – Inspection Rights Granted
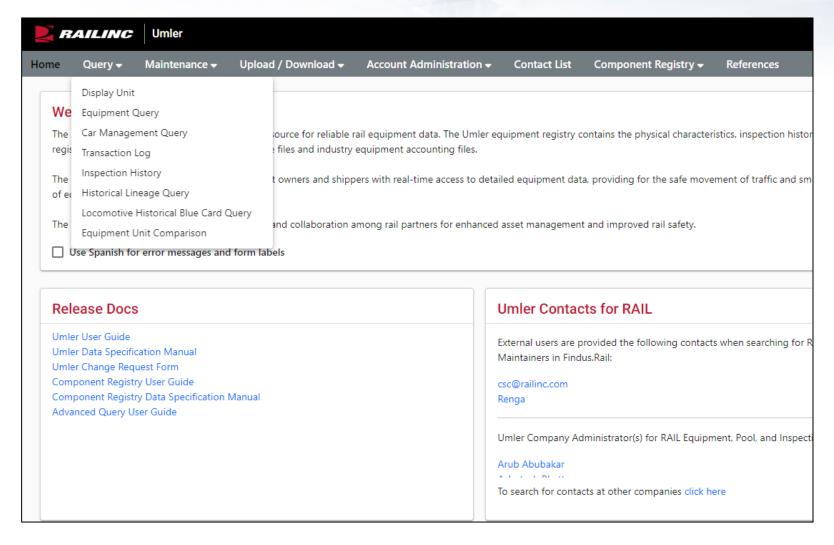
- User can now perform Umler maintenance and report inspections based on having Equipment & Inspection Rights granted

- Click 'Done' to exit

Umler Query Options
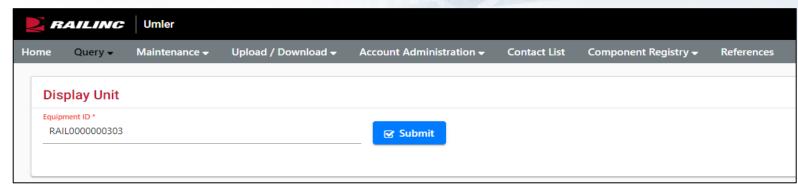
- Display Unit
- Equipment Query
- Transaction Log
- Historical Lineage Query
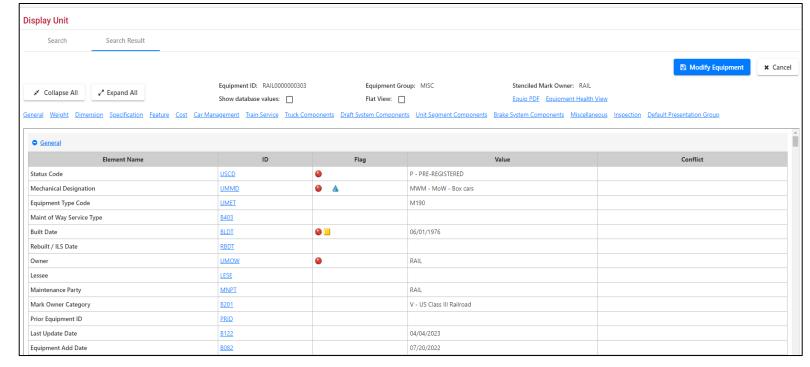
Display Unit

- A single equipment ID is entered to return the full Umler record
  - Equipment initials may be entered in upper and lower cases
  - It may include leading zeros and spaces
  - For example:
    - RAIL 303
    - RAIL0000000303
    - Rail0303
  - Users with Maintenance access can also 'Modify Equipment' from this screen
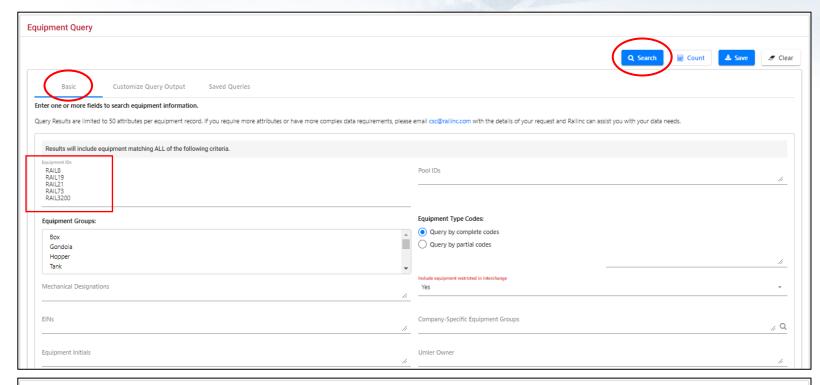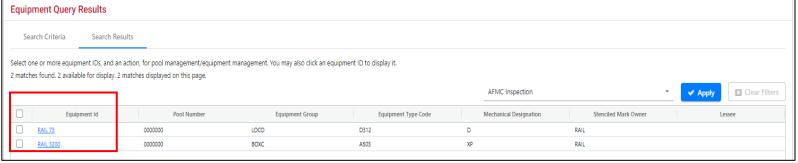
Equipment Query

- Used for searching multiple pieces of equipment

- Multiple search criteria available
  - Basic search
  - Customized Query Output
  - Saved Queries

- Enter cars in the 'Equipment ID' field

- Click 'Search' to run query
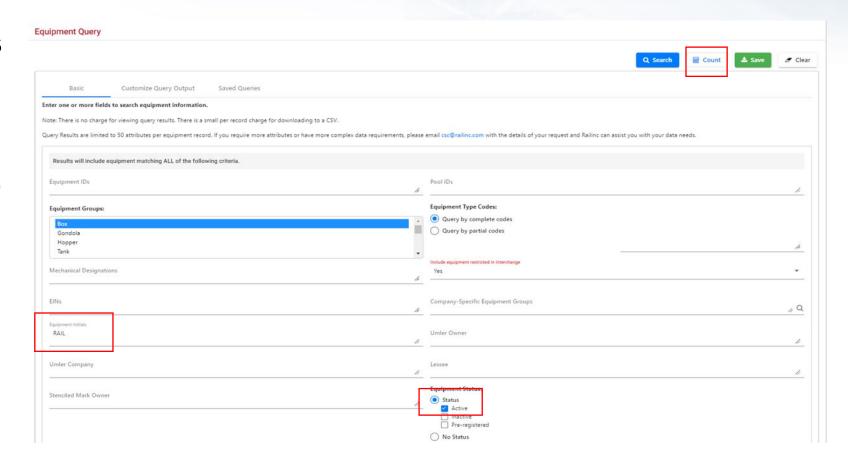
Equipment Query

- Search by other criteria to limit your query results by:
  - Equipment Group, Equipment Initials, Stenciled Mark Owner, Umler Owner, Equipment Status, etc.
- Use 'Count' to see how many equipment IDs are found matching the search criteria
- The user can re-enter search criteria by selecting 'Clear'

Equipment Query Enhancements
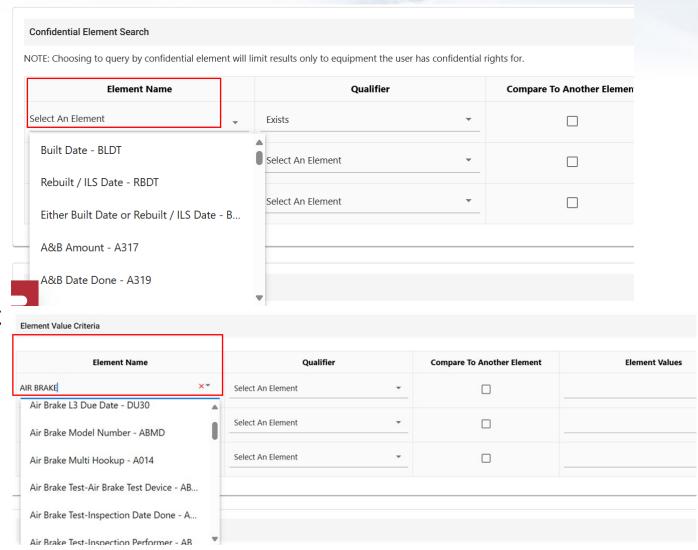
- New Filtering available
  - **Basic Query**
  - **By Confidential Element Search**
  - **Element Value Criteria**

- The search filter allows the user to dynamically search for an Element ID or element name

- To use the filter, start typing in 'Select An Element'

- Select the red x to cancel the element selected and then filter again

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Equipment Query Enhancements
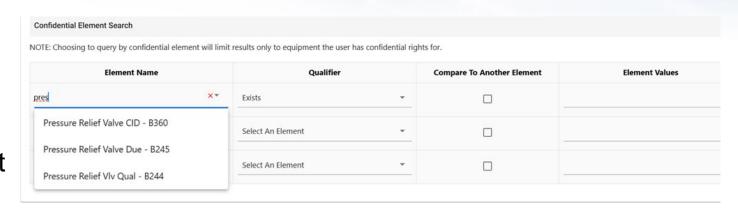
- The new filter allows the user to dynamically search for an Element ID or Element Name
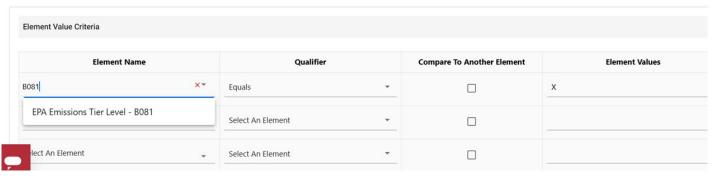
- **Confidential Element Search**
  - User must be Stencil Mark Owner or have the appropriate Equipment Rights or Confidential Data Rights to see Confidential Data elements.
  - If the user submits a query with confidential data elements, but no permission or confidential data rights, the query will fail or timeout

- **Element Value Criteria**
  - Public elements are available to all users with Umler Access for Query

Equipment Query Enhancements
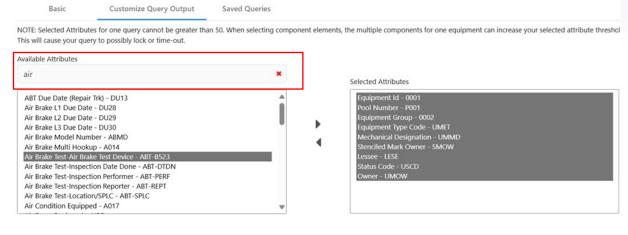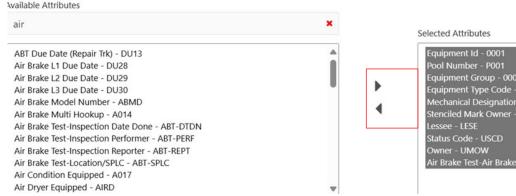
- New Filtering available
  - **Customized Query Output**
- Filtering allows the user to dynamically search for an Element ID or Element Name
- Add and remove attributes by choosing from the 'Available Attributes' list.
  - 50-attribute limit
  - Start typing in 'Select An Element' to use the filter
  - Select the red 'x' to cancel the element selected and then filter again
  - Click 'Search' to run query

Equipment Query – Customized Query Output

- Output to Browser option

- All selected attributes are displayed

- Click 'Search Criteria' tab to return to the 'Basic' tab
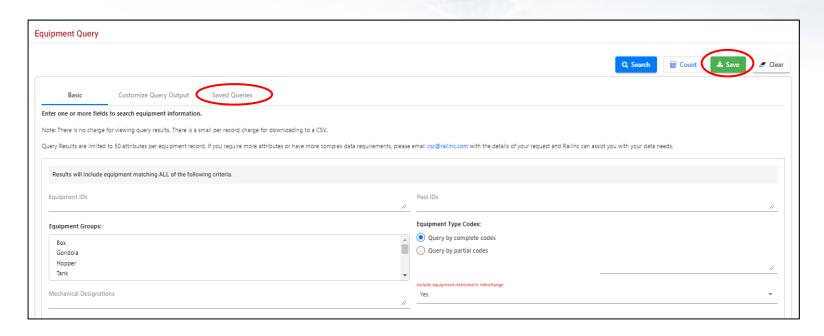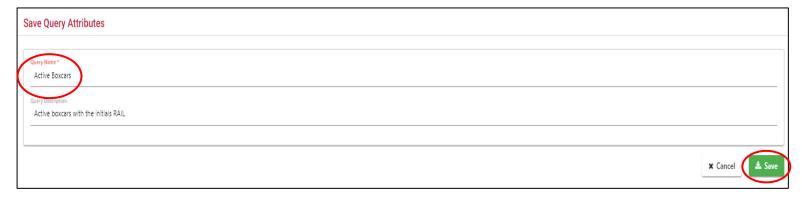
Equipment Query – Saved Queries

- Saved Queries

- Enter all search criteria in 'Basic' tab

- Click 'Save' to name the query

- Enter a 'Query Name' and 'Query Description'

- Click 'Save' again

Equipment Query – Saved Queries

- Click the tab that reads 'Saved Queries'

- The newest query is displayed

- Click on the query name; the main Equipment Query page will be displayed

- Click 'Search' to run the saved query

- Results will be displayed
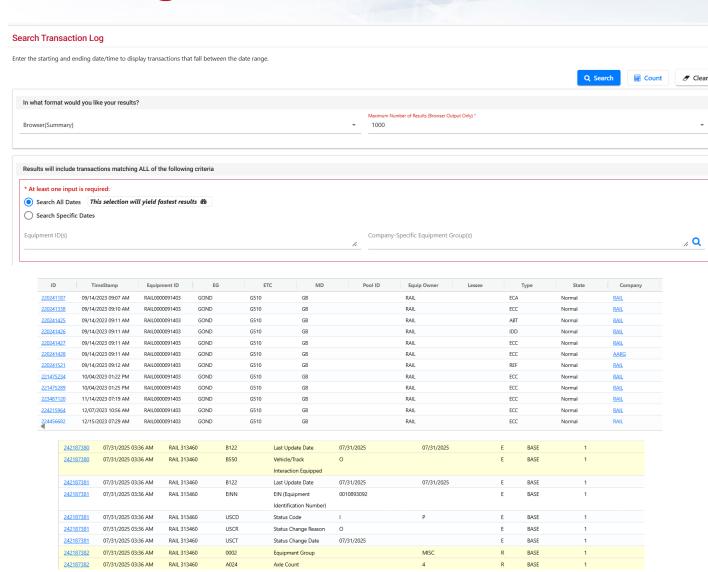
Umler Query - Transaction Log

- Transaction Log Enhancements
  - Search By Equipment IDs:
    - Use 'Search All Dates' Guidance
    - Faster and more efficient search
  - Search By Date Range:
    - Use 'Search Specific Dates'
    - Faster and more efficient search
- Search by Transaction Type or other detailed criteria
- Output Formats:
  - Browser (Summary)
  - Browser (Detail)
  - CSV (Export)

Search Transaction Log

Enter the starting and ending date/time to display transactions that fall between the date range.

[🔍 Search] [Count] [Clear]

In what format would you like your results?

Browser(Summary)   Maximum Number of Results (Browser Output Only) * 1000

Results will include transactions matching ALL of the following criteria

* At least one input is required:
- ● Search All Dates   *This selection will yield fastest results*
- ○ Search Specific Dates

Equipment ID(s)   Company-Specific Equipment Group(s)

ID	TimeStamp	Equipment ID	EG	ETC	MD	Pool ID	Equip Owner	Lessee	Type	State	Company
220241187	09/14/2023 09:07 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECA	Normal	RAIL
220241338	09/14/2023 09:10 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
220241425	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ABT	Normal	RAIL
220241426	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		IDD	Normal	RAIL
220241427	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
220241428	09/14/2023 09:11 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	AARG
220241521	09/14/2023 09:12 AM	RAIL0000091403	GOND	G510	GB		RAIL		REF	Normal	RAIL
221475234	10/04/2023 01:22 PM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
221475289	10/04/2023 01:25 PM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
223487120	11/14/2023 07:19 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
224215964	12/07/2023 10:56 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL
224456682	12/15/2023 07:29 AM	RAIL0000091403	GOND	G510	GB		RAIL		ECC	Normal	RAIL

242187380	07/31/2025 03:36 AM	RAIL 313460	B122	Last Update Date	07/31/2025	07/31/2025		E	BASE	1
242187380	07/31/2025 03:36 AM	RAIL 313460	B550	Vehicle/Track Interaction Equipped	O			E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	B122	Last Update Date	07/31/2025	07/31/2025		E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	EINN	EIN (Equipment Identification Number)	0010893092			E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	USCD	Status Code	I	P		E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	USCR	Status Change Reason	O			E	BASE	1
242187381	07/31/2025 03:36 AM	RAIL 313460	USCT	Status Change Date	07/31/2025			E	BASE	1
242187382	07/31/2025 03:36 AM	RAIL 313460	0002	Equipment Group		MISC		R	BASE	1
242187382	07/31/2025 03:36 AM	RAIL 313460	A024	Axle Count		4		R	BASE	1

Umler Query - Transaction Log Results

Click on transaction ID to view full details:

- Shows the date and time of transaction

- Mark of party who performed the action

- Location (only on certain types)

Common Transaction Types

- ECA – Equipment Characteristic Add

- ECC - Equipment Characteristic Change

- ECD - Equipment Characteristic Delete

- ABT – Air Brake Test

- ABP – Prior ABT Date

- REF – Reflectorization Event

Historical Lineage

- Enter Equipment ID or EIN if known

- Click 'Search'

- Results are based on user permissions; some confidential fields may not be displayed

- Full lineage of car is displayed

Historical Lineage Query Results

Search Criteria	Search Results

Equipment ID

RAIL0000285772   OR EIN   [Search] [Clear]

Historical Lineage Query Results

Search Criteria	Search Results

2 items found, displaying all items.   [Clear Filters]

EIN	Equipment ID	Prior Equip...	Equip Gr...	ETC	MD	Built Date	Rebuilt D...	Effective Date	Status	Expiration Date	Most Rec...	Conflict	Action
0010824713	AARE155	RAIL285772	HOPP	K384	HMA	01/01/1992		2025-07-29 09:35:14	Pre-Registered	9999-12-31 00:00:00			Add Restencile
0010824713	RAIL285772		HOPP	K384	HMA	01/01/1992		2025-07-01 21:17:07	Active	9999-12-31 00:00:00	Y		OTHER

Historical Lineage Query Results

Search Criteria	Search Results

Equipment ID   OR EIN 10824713   [Search] [Clear]

Historical Lineage

EIN Conflict

- Two Ys in lineage = conflict

- Only one car in a lineage may be active

- Modify the car to resolve EIN conflict

Historical Lineage Query Results

Search Criteria | Search Results

8 items found, displaying all items.

EIN	Equipment ID	Prior Equip...	Equip Gr...	ETC	MD	Built D...	Rebuilt ...	Effective Date	Status	Expiration Date	Most Re...	Conflict	Action
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:42	Active	9999-12-31 00:00:00	Y	EIN	OTHER
0010651784	RAIL7095	RAIL5907	TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:28	Active	9999-12-31 00:00:00	Y	EIN	OTHER
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:28	Inactive	2023-08-16 10:31:42			OTHER
0010651784	RAIL7095	RAIL5907	TANK	M360	MWTK	05/01/1977		2023-08-16 10:31:07	Pre-Registered	2023-08-16 10:31:28			Add Restenc...
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-06-07 16:13:05	Active	2023-08-16 10:31:28			OTHER
0010651784	RAIL5907		TANK	M360	MWTK	05/01/1977		2023-06-07 15:46:12	Pre-Registered	2023-06-07 16:13:05			OTHER
0010651784	RAIL5907		TANK	M300	MWGN	05/01/1977		2023-05-28 23:45:49	Pre-Registered	2023-06-07 15:46:12			OTHER
0010651784	RAIL5907		GOND	M300	MWGN	05/01/1977		2023-05-16 16:09:38	Pre-Registered	2023-05-28 23:45:49			Add Single

Display Unit

Search | Search Result

Equipment is in conflict, click to view.

[Modify Equipment] Cancel

Collapse All | Expand All

Equipment ID: RAIL0000005907   Equipment Group: TANK   Stenciled Mark Owner: RAIL

Show database values: ☐   Flat View: ☐   Equip PDF   Equipment Health View

General | Weight | Dimension | Specification | Tank Car Components | Cost | Special Permit | Car Management | Train Service | Truck Components | Draft System Components | Unit Segment Components | Brake System Components
Miscellaneous | Inspection | Default Presentation Group

⊖ General

Element Name	ID	Flag	Value	Conflict
Status Code	USCD	🔴	A - ACTIVE	

Equipment Identification	EINN		0010651784	Only 1 equipment record in the EIN lineage may have Active status. Check Historical Lineage to identify record that should be made Inactive.

⊖ General

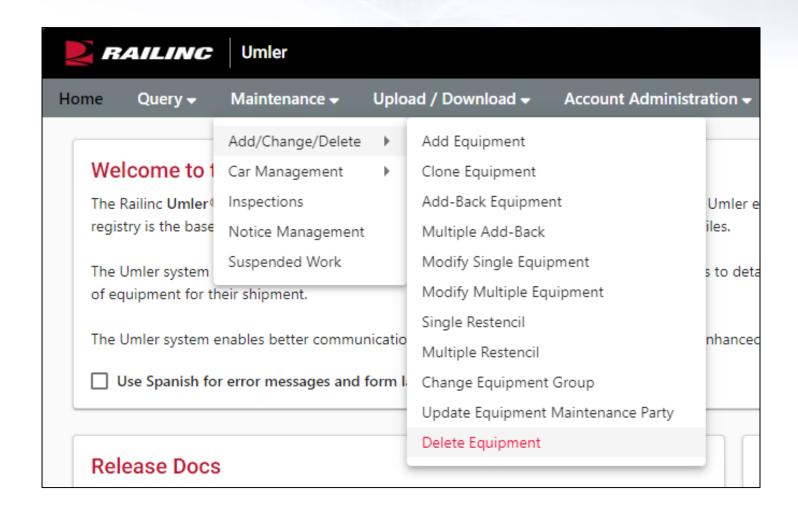| Element Name	ID	Flag	Current Value	Del	New Value	Notice Value	Error
Status Code	USCD	🔴	A - ACTIVE		I - INACTIVE ▼		

Questions?

Umler Maintenance Options

Maintenance tasks:

- Add Equipment
- Clone Equipment
- Add-Back Equipment
- Modify Equipment
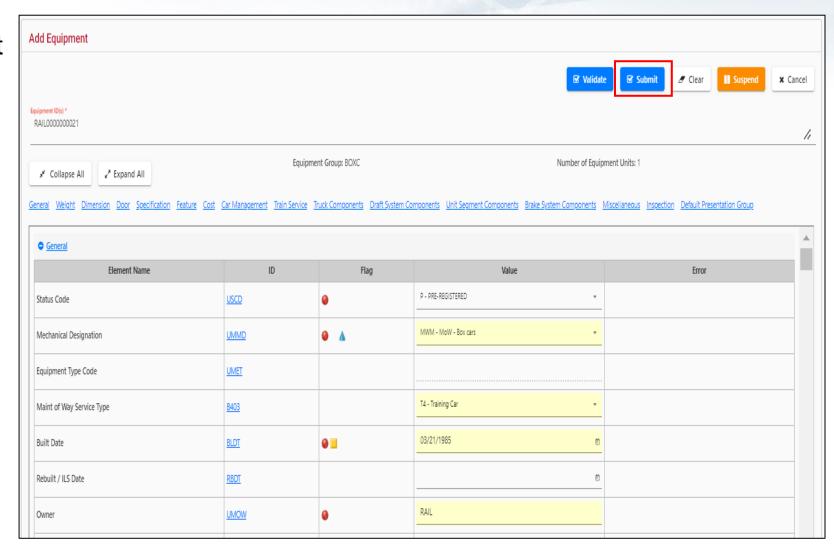- Restencil
- Delete Equipment

Add Equipment

- 'Add Equipment' function is used to add new equipment into Umler
  - Enter the Equipment ID
    - Multiple IDs can be entered at the same time
  - Select Equipment Group from the drop-down menu
  - For articulated equipment, enter the Connected Unit Count or leave the default as zero
  - Click 'Validate'
  - Click 'Submit'

Add Equipment

Note: If this equipment unit has a prior ID, please go to the restencil function.

✓ Validation succeeded. Click the Submit button to go to the next screen.

Equipment ID(s) *

RAIL0000000021

Equipment Group *

BOXC - BOX CAR

Connected Unit Count *

0

☑ Validate   ☑ Submit   ✎ Clear   ✗ Cancel

Add Equipment

- All mandatory elements must be populated

- The elements shown are based upon the equipment type selection made

- When all input is complete, select 'Validate' to check for any errors

- Click 'Submit'

Success Page is Displayed

Equipment updates submitted to the system

Success

All updates were successfully applied to the system

Equipment transactions submitted : 1
Successful equipment transactions : 1
Partially successful transactions : 0
Failed equipment transactions (Notices) : 0

Inspections transactions submitted : 0
Successful Inspection transactions : 0
Failed Inspection transactions (Notices) : 0
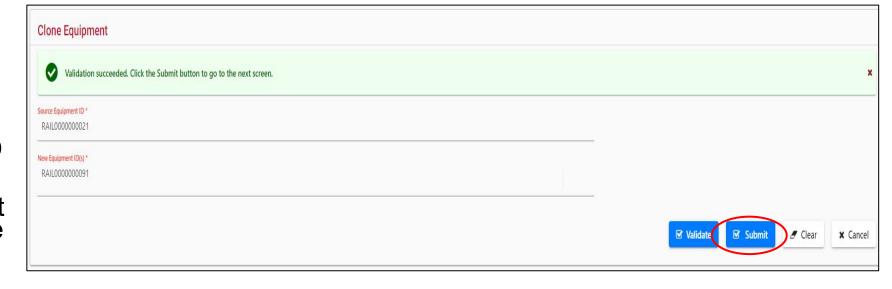
Equipment with errors on the current record (Conflicts) : 0
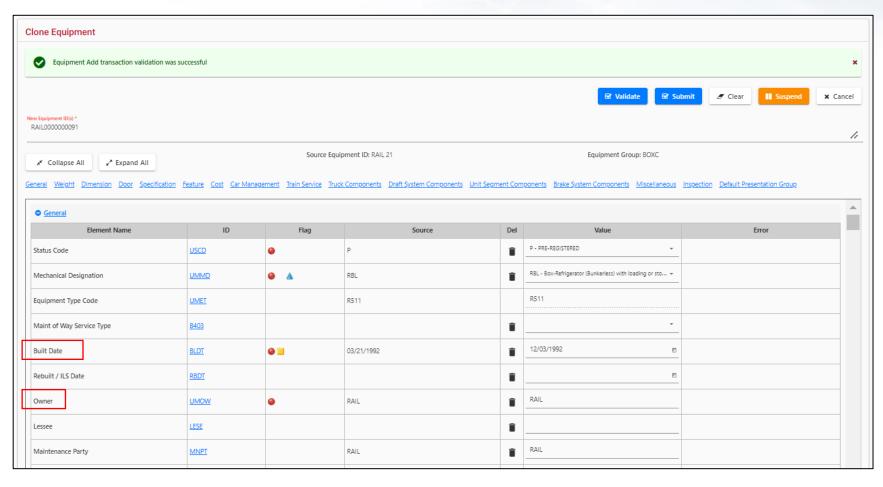
Done

Clone Equipment

- The 'Clone Equipment' function is used to add single and multiple pieces of equipment by cloning from an existing unit
  - Minimal changes reduce the time required to build new fleets in Umler

- Enter Source Equipment ID for cloning

- Next, enter New Equipment ID(s) to be created from the source ID

- Click 'Validate'

- Click 'Submit'

Clone Equipment

✓ Validation succeeded. Click the Submit button to go to the next screen.   ✕

Source Equipment ID *

RAIL0000000021

New Equipment ID(s) *

RAIL0000000091

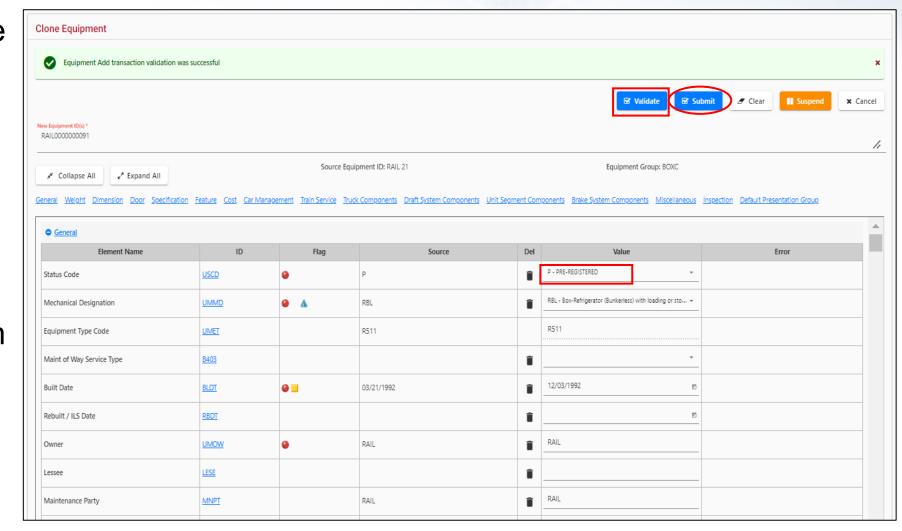☑ Validate   ☑ Submit   ✎ Clear   ✕ Cancel

Clone Equipment

- Ensure all mandatory fields are populated and contain the correct information for the new equipment ID
  - Built Date
  - Owner
  - Extended Service Code
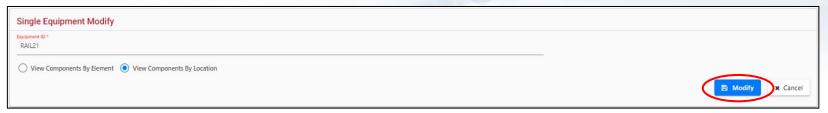 - Original Cost

Clone Equipment

- When all updates are done, click 'Validate' to check for errors

- Click 'Submit'

- A confirmation page is displayed and confirms all updates were successfully applied to the system
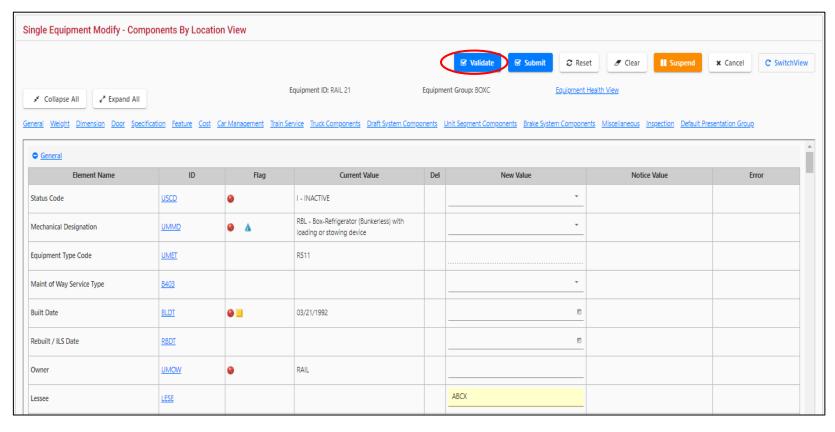
Modify Single Equipment

- Allows users to make changes to a single piece of equipment

- Enter Equipment ID and click 'Modify'
  - Example: car owner has leased RAIL21 to ABCX
  - Car owner will update 'Lessee field' (LESE)
  - Once complete, click 'Validate' to check for any errors
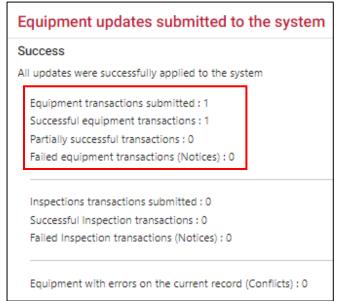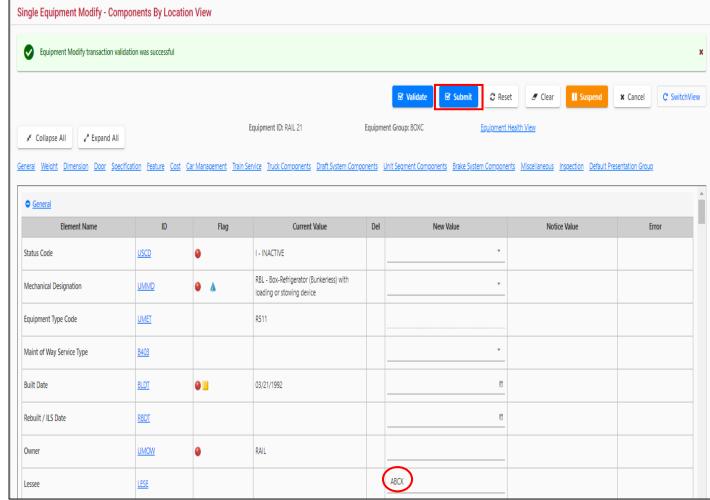 - Click 'Submit'

Modify Single Equipment

- Confirmation that validation was successful

- Click 'Submit'

- Equipment updates submitted to the system message are displayed
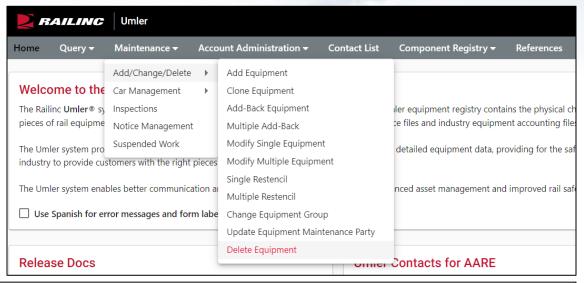
- Click 'Done'

Delete Equipment
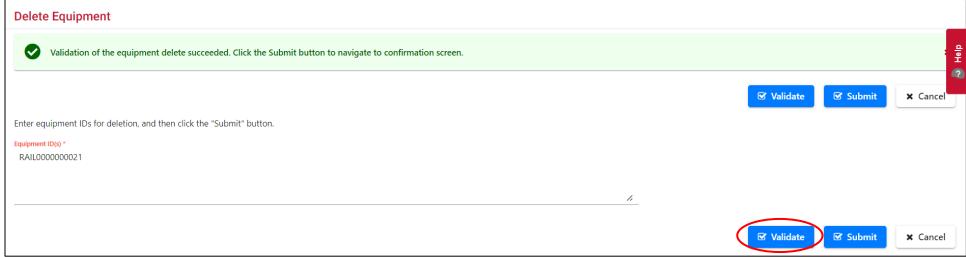
- The 'Delete Equipment' function allows a user to deactivate an Umler record, sending the record to archive
  - Enter Equipment ID(s)
  - Select 'Validate' to check for any errors
  - Click 'Submit'

Delete Equipment

- A confirmation page is displayed

- Check the box beside the Equipment ID and select the appropriate delete reason from the drop-down list

- Click 'Submit'

- A second confirmation panel is displayed

- Click 'OK' to complete

Delete Equipment
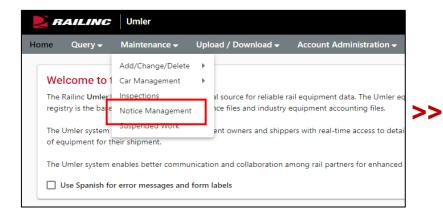
- A summary screen is displayed to confirm the results

- The equipment was successfully deleted

- If the delete fails, go to 'Notice Management' to identify the error and/or

- Contact our CSC for assistance
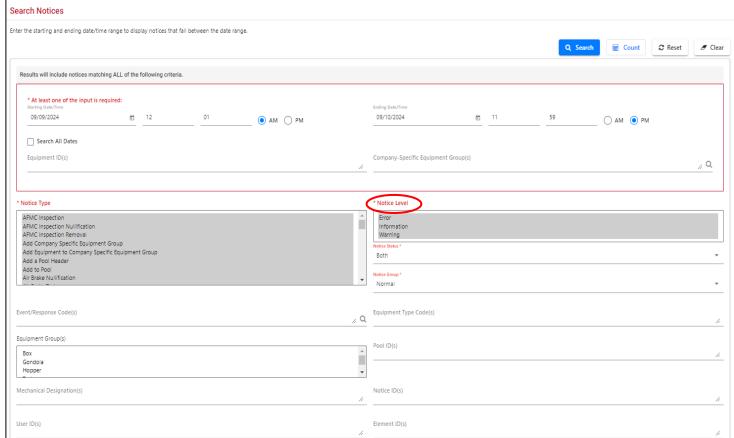
Delete Equipment Summary

Equipment Delete Total:	1
Equipment Delete Success:	1
Equipment Delete Failed:	0

Notice Management

- The 'Notice Management' function allows users to review/process notices generated from maintenance updates.

- There are three types of notices generated in notice management:
  - 1) Informational
  - 2) Warning
  - 3) Error

- Enter search criteria to query notices that may require action.

Notice Management
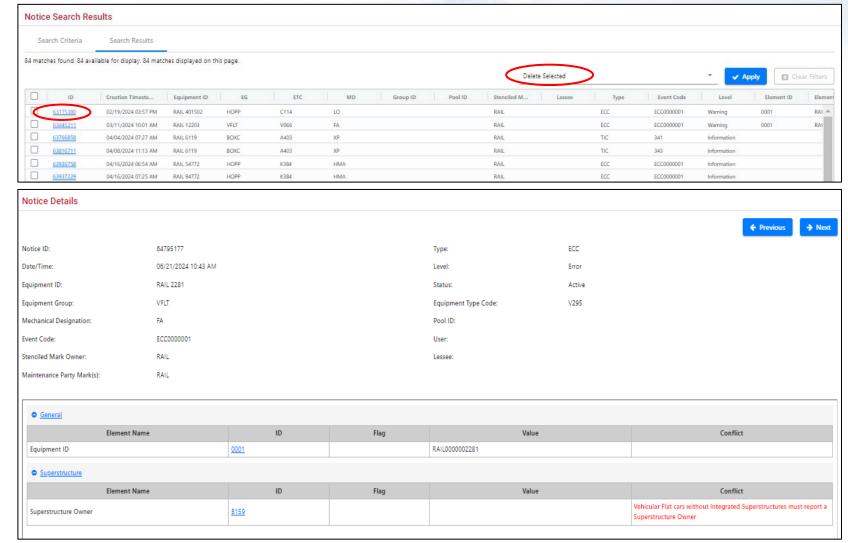
- Notices can be reviewed to identify problems that users are encountering when attempting to enter information into the system and/or why data changes did not occur

- Users can select multiple notices for deletion after issues have been reviewed and/or corrected

- Use drop-down menu for available tasks on top right
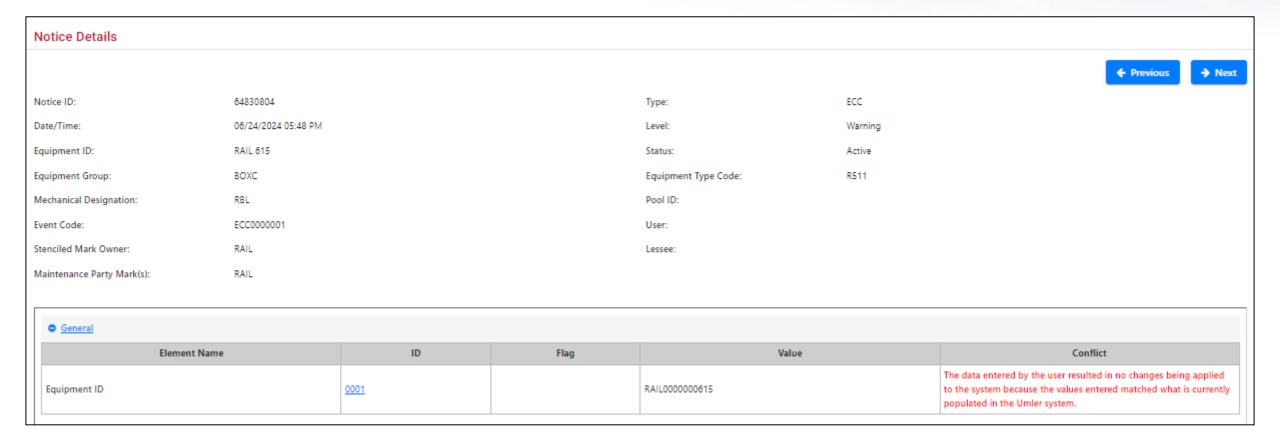
Notice Management - Informational Notice

Notice Details

Previous | **Next**

Notice ID:	64795178	Type:	TIC
Date/Time:	06/21/2024 10:43 AM	Level:	Information
Equipment ID:	RAIL 2281	Status:	Active
Equipment Group:	VFLT	Equipment Type Code:	V295
Mechanical Designation:	FA	Pool ID:	
Event Code:	340	User:	
Stenciled Mark Owner:	RAIL	Lessee:	
Maintenance Party Mark(s):	RAIL		

Notice Messages

A Conflict notice was created for the equipment RAIL 2281. Element: B159, value: RAIL, Component: BASE, Location: 1 Response codes/Descriptions: 0000101133-Vehicular Flat cars without Integrated Superstructures must report a Superstructure Owner

Delete | **Done**
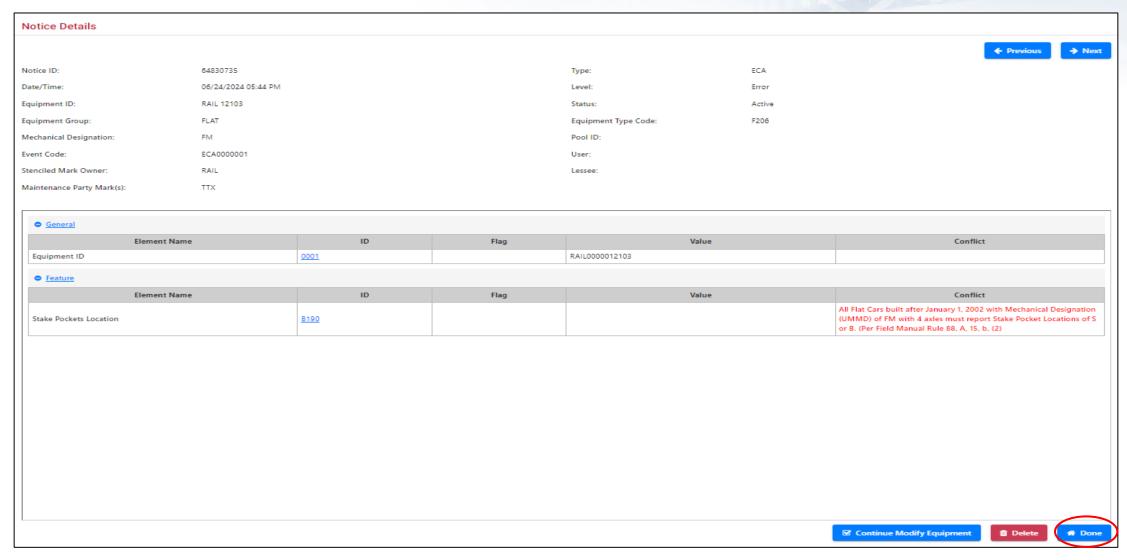
Notice Management - Warning Notice

Notice Management - Error Notice

Notice Details

Notice ID:	64830735	Type:	ECA
Date/Time:	06/24/2024 05:44 PM	Level:	Error
Equipment ID:	RAIL 12103	Status:	Active
Equipment Group:	FLAT	Equipment Type Code:	F206
Mechanical Designation:	FM	Pool ID:	
Event Code:	ECA0000001	User:	
Stenciled Mark Owner:	RAIL	Lessee:	
Maintenance Party Mark(s):	TTX		

General

Element Name	ID	Flag	Value	Conflict
Equipment ID	0001		RAIL0000012103	

Feature

Element Name	ID	Flag	Value	Conflict
Stake Pockets Location	B190			All Flat Cars built after January 1, 2002 with Mechanical Designation (UMMD) of FM with 4 axles must report Stake Pocket Locations of S or B. (Per Field Manual Rule 88, A, 15, b, (2)

Continue Modify Equipment   Delete   Done

Umler Maintenance Shortcuts
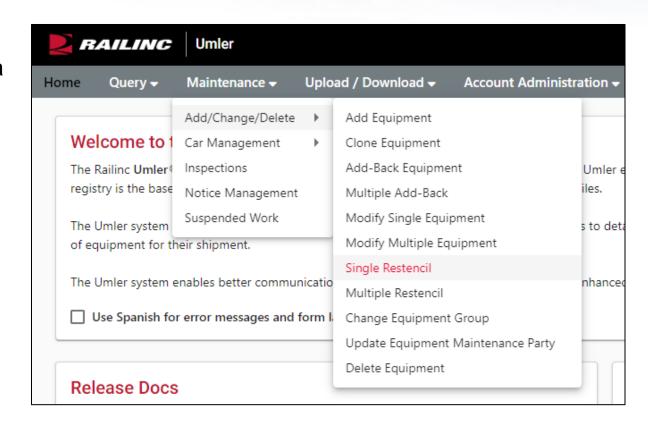
- **Clone Equipment** – The value of cloning equipment is that the user is starting with a base set of elemental data, from an existing source equipment ID, versus adding the new fleet equipment ID(s) from scratch.

- **Multiple Add-Back** – The 'Multiple Equipment Add-Back' function is used to reactivate multiple "archived" equipment units at one time.

- **Modify Multiple Equipment** – The 'Modify Multiple Equipment' function is used to change selected elements for several equipment units in one editing session.

- **Multiple Restencil** – The 'Multiple Restencil' function is used to restencil multiple cars sequentially or following a pattern.

- **Suspended Work** – This task is available for suspending updates when you need to verify data or if you cannot resolve validation issues without further guidance.

Restencil/Transfer Equipment
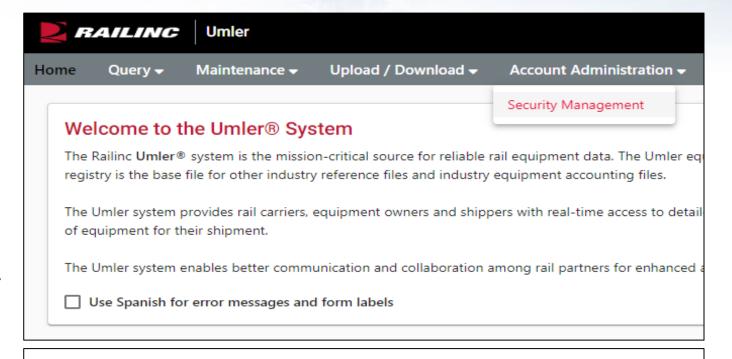
- **Restenciling** refers to the act of changing the equipment mark and number that is stenciled on the side of an equipment unit.
  - The restencil function allows a user to create a new equipment record from a prior equipment registration.
- The value of restencilling is that it allows the recording of equipment changes over time to be transferred even through ownership changes.
  - Since the equipment identification number (EIN) links equipment records together, it enables inspections and other equipment information to be maintained.
- Users can perform a 'Single Restencil' or 'Multiple Restencil.'

Restencil - Add View Confidential Data Rights

- When a car needs to be restenciled, the selling entity's Company Admin must grant view confidential data rights for the Umler record(s) to the buying entity.
  - The buying entity receiving confidential data rights must also have their **own Umler permissions** (with equipment rights) **under their own mark**.
- The buying entity must then accept the confidential data rights and assign to a user ID before they can perform the Umler restencil task.

Restencil – Add View Confidential Data Rights
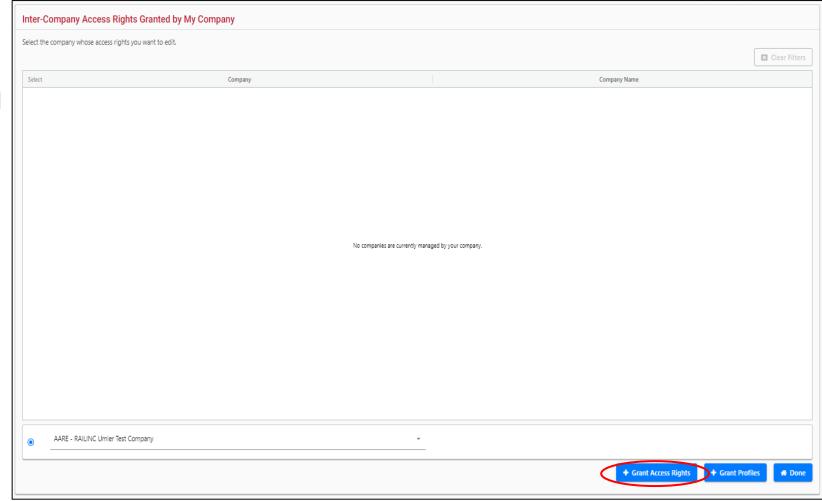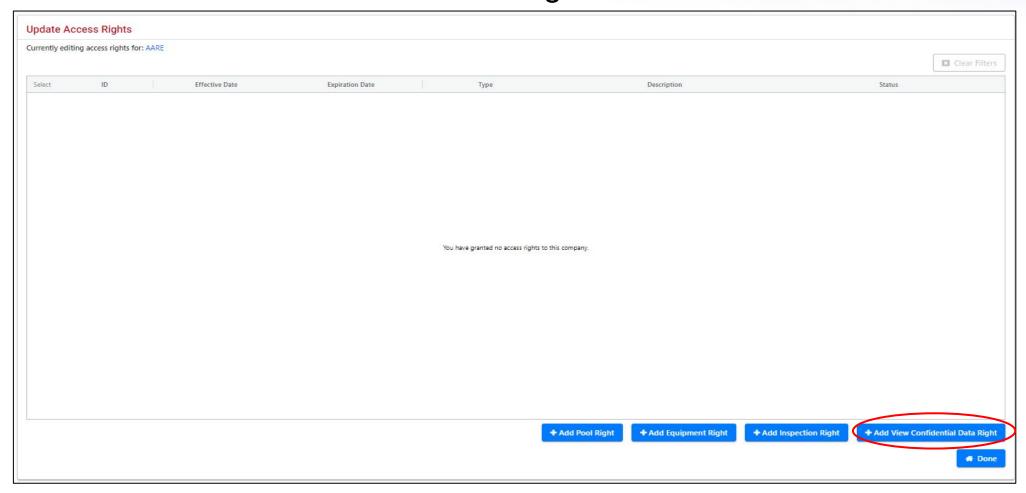
Example Scenario:

- **Car number AARX 8885 was sold to AARE – AARE needs access to perform the restencil**
  - **AARX 8885 to AARE 4500**

- Seller (AARX) goes to 'Administer Access Rights Involving Other Companies' and selects 'Manage Inter-Company Access Rights/ Profiles Granted By My Company'

- Seller selects the company mark (AARE) they wish to grant rights to or selects 'Add a Company'

- Select 'Grant Access Rights'

Restencil – Add View Confidential Data Rights
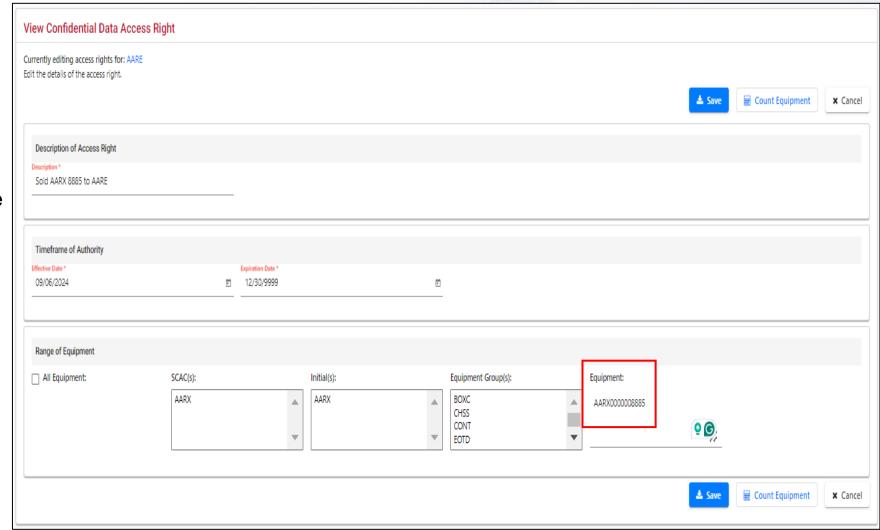
- Then select 'Add View Confidential Data Right'

Restencil – Add View Confidential Data Rights
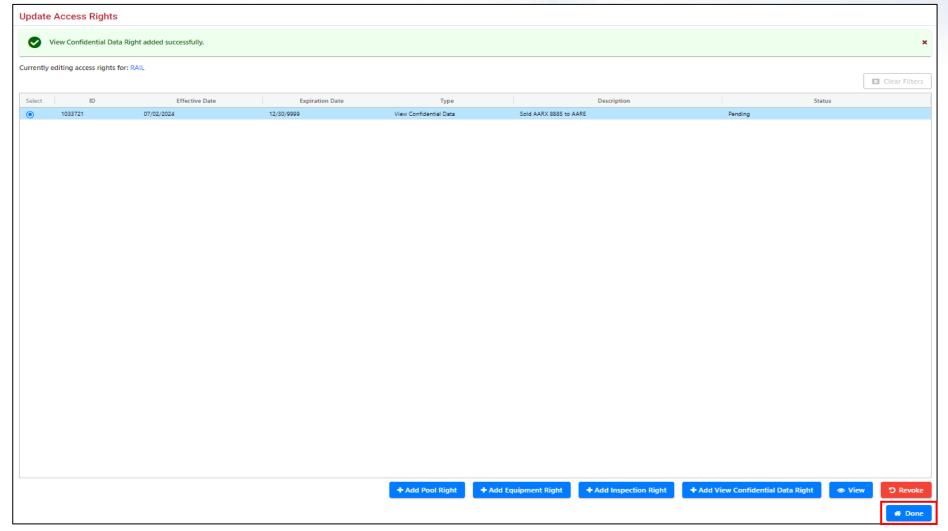
- Next, enter the required fields:
  - Step 1 - Add a brief description
    - "Sold AARX 8885 to AARE"
  - Step 2 - Add 'Effective Date' as the current date
  - Step 3 - Modify 'Expiration Date' or leave as default of 12/31/9999
  - Step 4 - Enter 'Range of Equipment' or specify individual Equipment IDs by unchecking 'All Equipment' and adding car number to box
  - Click 'Save'

Restencil – Add View Confidential Data Rights

- Confirmation rights have been granted successfully

- Rights will be in pending status until accepted

- Additional options to add or revoke other rights are displayed

- Click 'Done' when finished

Restencil – Accept Rights Granted to My Company
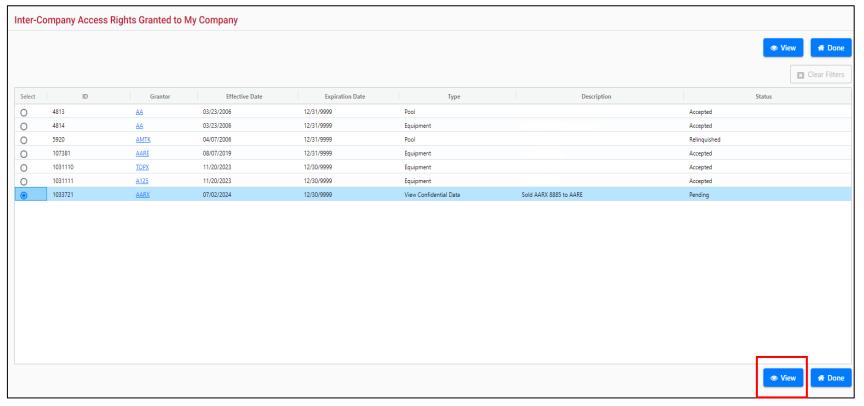
- The buying entity goes to the 'Account Administration' tab and selects 'Security Management'

- Next, under the 'Administer Access Rights Involving Other Companies', the buying entity clicks the link, 'Inter-Company Access Rights Granted to My Company'

- The buying entity scrolls to select the 'Confidential Data Rights' from the seller (AARX) based on the effective date and then clicks 'View'

Administer Access Rights Involving Other Companies

Manage Inter-Company Access Rights / Profiles Granted by My Company
Manage Inter-Company Access Rights Granted to My Company
Manage Inter-Company Profiles Granted to My Company

Inter-Company Access Rights Granted to My Company

[View] [Done]

[Clear Filters]

Select	ID	Grantor	Effective Date	Expiration Date	Type	Description	Status
○	4813	AA	03/23/2006	12/31/9999	Pool		Accepted
○	4814	AA	03/23/2006	12/31/9999	Equipment		Accepted
○	5920	AMTK	04/07/2006	12/31/9999	Pool		Relinquished
○	107381	AARE	08/07/2019	12/31/9999	Equipment		Accepted
○	1031110	TOPX	11/20/2023	12/30/9999	Equipment		Accepted
○	1031111	A125	11/20/2023	12/30/9999	Equipment		Accepted
●	1033721	AARX	07/02/2024	12/30/9999	View Confidential Data	Sold AARX 8885 to AARE	Pending

[View] [Done]

Restencil – Accept Rights Granted To My Company

- A summary of the Rights that were granted is displayed

- Check the box to Accept per Rule 88-C Process

- Download the CSV file to view the car details
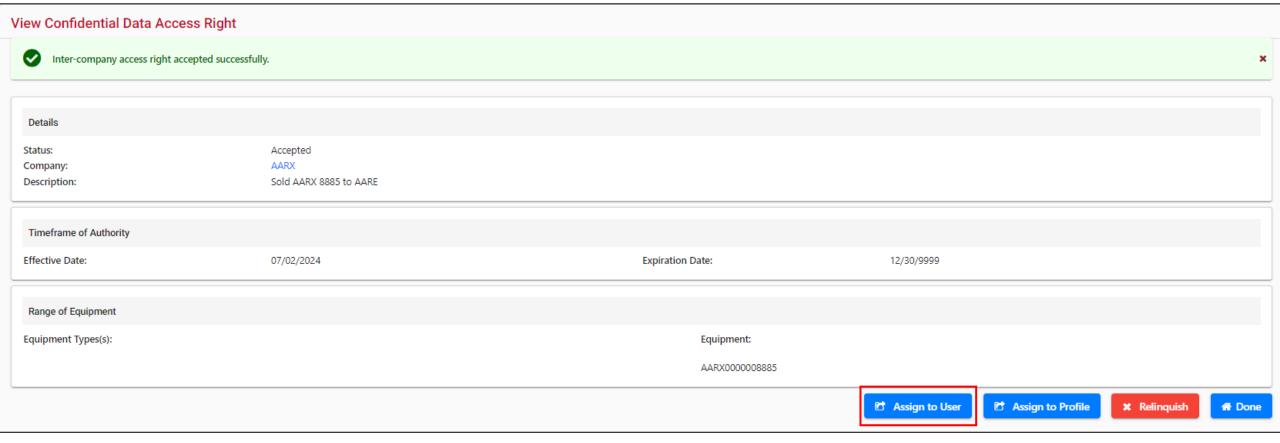
Restencil – Assign Access Rights to User ID
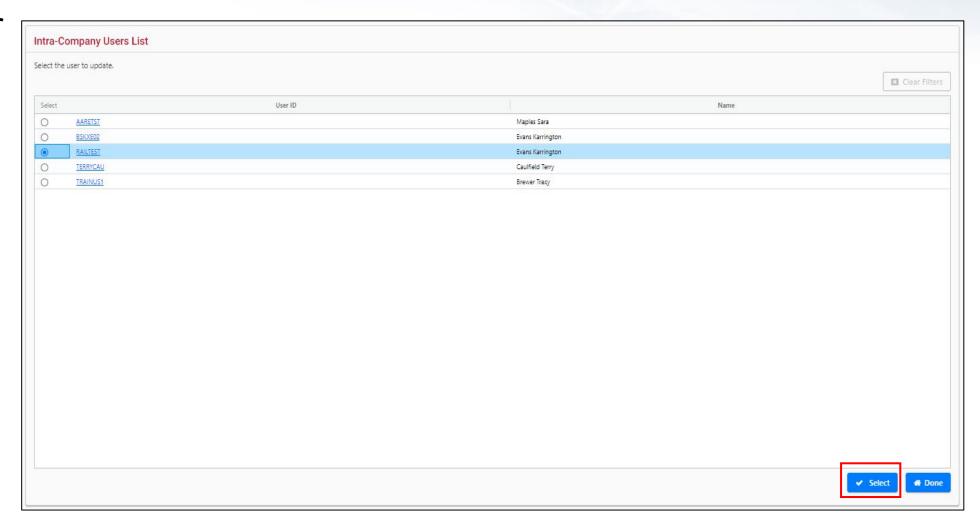
- Confirmation that the Rights were accepted successfully
- Click 'Assign to User'

View Confidential Data Access Right

✅ Inter-company access right accepted successfully.   ✕

Details

Status:	Accepted
Company:	AARX
Description:	Sold AARX 8885 to AARE

Timeframe of Authority

Effective Date:	07/02/2024	Expiration Date:	12/30/9999

Range of Equipment

Equipment Types(s):	Equipment:
	AARX0000008885

[↪ **Assign to User**]   [↪ Assign to Profile]   [✕ Relinquish]   [⌂ Done]

Restencil – Accept Rights Granted to My Company

- Locate the User ID that is accepting the Confidential Data Rights

- Click the radio button next to the User ID

- Click 'Select'

Intra-Company Users List

Select the user to update.

Clear Filters

Select	User ID	Name
○	AARETST	Maples Sara
○	BSKXE02	Evans Karrington
●	RAILTEST	Evans Karrington
○	TERRYCAU	Caulfield Terry
○	TRAINUS1	Brewer Tracy

Select   Done

Restencil – Accept Rights Granted to My Company
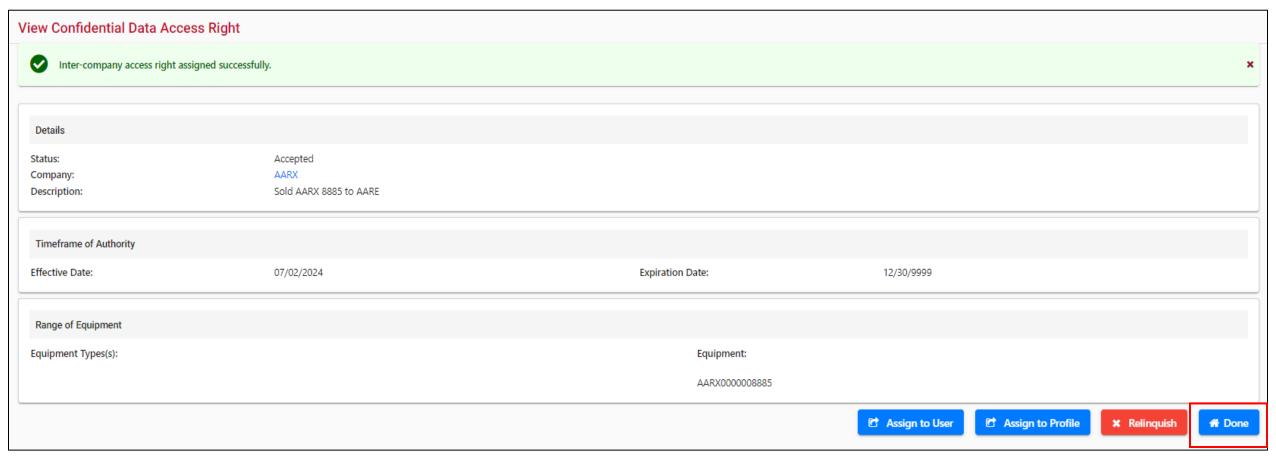
- The 'View Confidential Data Access Rights' screen is displayed containing the details of the access granted

- The Effective Date must be the current date if not accepting the rights on same day as granted

- Click 'Save' to complete the transaction

- Click 'Done' to exit

View Confidential Data Access Right

Currently assigning a right to: BSKXE02
Edit the details of the access right.

Save Count Equipment Done

Description of Access Right

Access Right ID (Assigned from inter-company)
1033754

Description *
Sold AARX 8885 to AARE

Timeframe of Authority

Effective Date *
09/06/2024

Expiration Date *
12/30/9999

Range of Equipment

All Equipment: | SCAC(s): | Initial(s): | Equipment Group(s): | Equipment:
AARX0000008885

Save Count Equipment Done

Restencil – Accept Rights Granted to My Company

- Confirmation that the rights were assigned successfully
- Click 'Done'

View Confidential Data Access Right

✓ Inter-company access right assigned successfully. ✗

Details

Status:	Accepted
Company:	AARX
Description:	Sold AARX 8885 to AARE

Timeframe of Authority

Effective Date:	07/02/2024	Expiration Date:	12/30/9999

Range of Equipment

Equipment Types(s):	Equipment:
	AARX0000008885

[Assign to User] [Assign to Profile] [✗ Relinquish] [⌂ Done]

Single Restencil
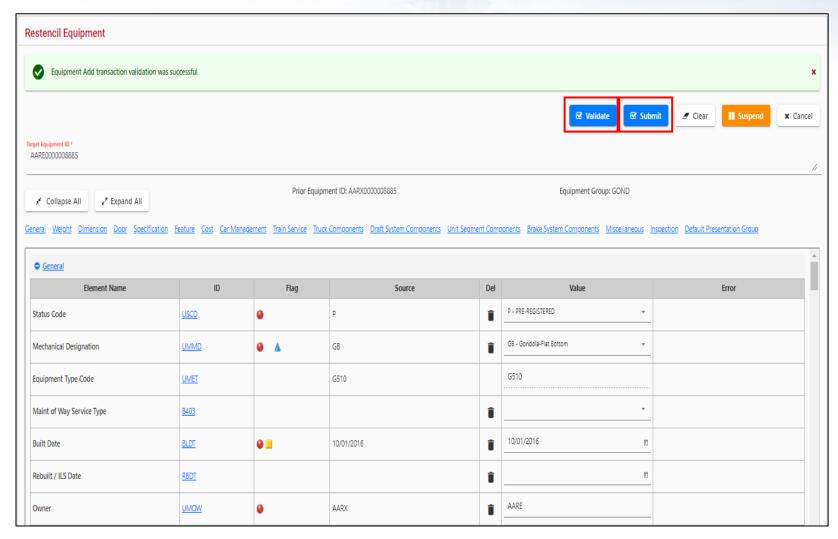
- Enter 'Source Equipment ID'
- Enter 'Target Equipment ID'
- Click 'Validate' to check for any errors
- Click 'Submit'

Restencil Equipment

✓ Validation succeeded. Click the Submit button to go to the next screen.   ✕

Source Equipment ID *
AARX0000008885

Target Equipment ID *
AARE0000008885

Source and target have identical equipment groups: ● Yes   ○ No

☑ Validate   ☑ Submit   ✎ Clear   ✕ Cancel

Single Restencil Validation

- Ensure all mandatory fields are populated:
  - The 'Owner' field, which is mandatory, requires a new value
  - Note, AARX 6658 appears as the prior ID
  - Click 'Validate' to check for any errors
  - Click 'Submit'

Single Restencil Completed

- Success page is displayed
- Inspections carried forward to the new Equipment ID
- Status of Prior ID was not changed
- Click 'Done'

Equipment updates submitted to the system

Success

All updates were successfully applied to the system

Equipment transactions submitted : 1
Successful equipment transactions : 1
Partially successful transactions : 0
Failed equipment transactions (Notices) : 0

Inspections transactions submitted : 0
Successful Inspection transactions : 0
Failed Inspection transactions (Notices) : 0

Equipment with errors on the current record (Conflicts) : 0

Restencil/Transfer Equipment

1. Complete Restencil Equipment Request and submit to CSC@Railinc.com
   - The form is available on Railinc.com on the Umler product page

2. One or more of the following forms of approval is required:
   - Signed bill of sale (legal document) including the list of unit(s) on an Excel spreadsheet
   - Email from the prior mark owner, new mark owner and/or car owner indicating Railinc can proceed with restencil

- *Please refer to Railinc Price List for any applicable fees*

Old Cars (From)

Mark: _____

Total # of units: _____

Owner Field: _____

Lessee Field: _____

Are units in the spreadsheet for the same equipment group? ☐

New Cars (To)

Mark: _____
Bill to: _____
Company: _____
Contact: _____
Address: _____
City, State: _____

Zip Code/Country: _____
Telephone: _____
Email: _____

EXCEL SPREADSHEET:
4 COLUMNS-OLD MARK/OLD NUMBER/NEW MARK/NEW NUMBER
Example:

OLD MARK	OLD NUMBER	NEW MARK	NEW NUMBER
ABCD	100000	DEFG	100000
ABCD	100001	DEFG	100001
ABCD	100002	DEFG	100002
ABCD	100003	DEFG	100003

Additional Restencil Reminders
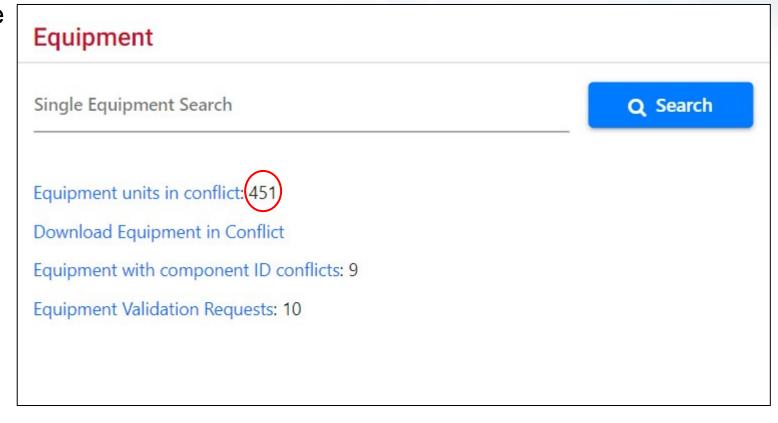
- Equipment cannot be in conflict at the time of restencil unless it is an informational conflict only.

- Only active or inactive equipment can be restenciled.

- After the restencil and clone process, the initial status of a car should be pre-registered.

- After the restencil has been performed in Umler, the equipment can remain in pre-registered status for 13 months.

- A pre-registered car will automatically have its status changed to active for the initial change when three movements on the car are detected.

- If the status changes to active due to movement and the car was created from a restencil, the prior equipment ID (PRID) or source car will have its status changed to inactive automatically by Umler.
  - Two equipment IDs cannot be active with the same EIN.

- Restenciled equipment must share the same built date and EIN.

- Inspections and component CIDs carry forward on restenciled equipment.

Conflict Management

- On the Umler homepage, there are four conflict management links on the top right side of page:
  - Equipment Units in Conflict
  - Equipment with Component ID Conflicts
  - Download Equipment In Conflict
  - Equipment Validation Requests
- Conflicts not addressed may result in cars being restricted at interchange
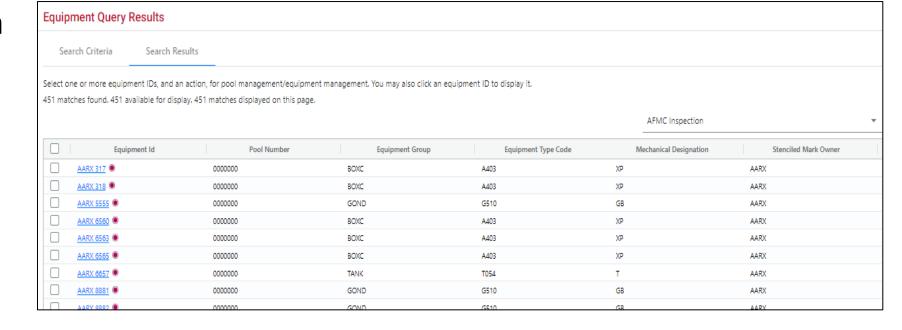
Equipment

Single Equipment Search

Equipment units in conflict: 451

Download Equipment in Conflict

Equipment with component ID conflicts: 9

Equipment Validation Requests: 10

Equipment Units in Conflict

- Click 'Equipment units in conflict'

- Click the Equipment ID to open record

- Click 'Equipment is in conflict, click to view'

Equipment units in conflict: 451

Equipment Query Results

Search Criteria Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may also click an equipment ID to display it.

451 matches found. 451 available for display. 451 matches displayed on this page.

AFMC Inspection

	Equipment Id	Pool Number	Equipment Group	Equipment Type Code	Mechanical Designation	Stenciled Mark Owner
☐	AARX 317	0000000	BOXC	A403	XP	AARX
☐	AARX 318	0000000	BOXC	A403	XP	AARX
☐	AARX 5555	0000000	GOND	G510	GB	AARX
☐	AARX 6560	0000000	BOXC	A403	XP	AARX
☐	AARX 6563	0000000	BOXC	A403	XP	AARX
☐	AARX 6565	0000000	BOXC	A403	XP	AARX
☐	AARX 6657	0000000	TANK	T054	T	AARX
☐	AARX 8881	0000000	GOND	G510	GB	AARX
☐	AARX 8882	0000000	GOND	G510	GB	AARX

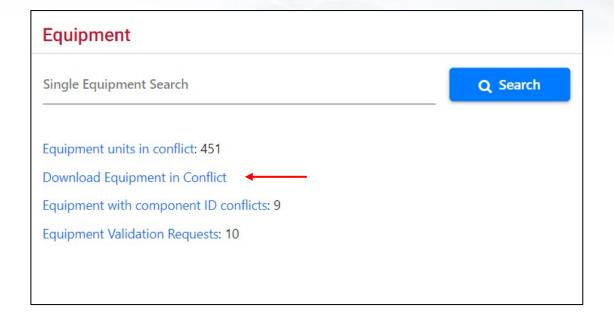# Equipment Units in Conflict

- Conflict error message is displayed in red:
  - *"Reflectorization is mandatory for all equipment after November 28, 2015."*
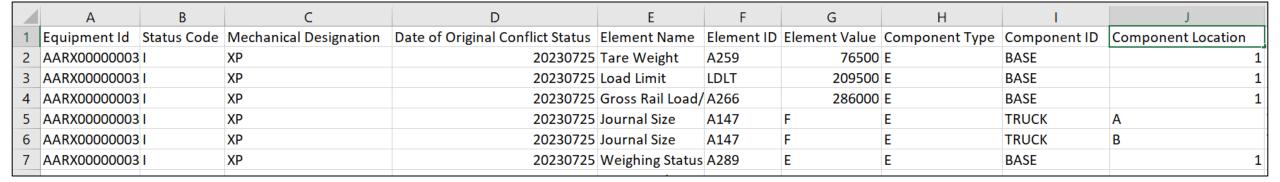
Download Equipment in Conflict

- Click the link from the Umler home page and the file will begin to download

- Monthly emails will be sent to the Umler contact in FindUs.Rail

- Please make sure your Umler FindUs.Rail contact is updated to receive this report

Equipment

Single Equipment Search   🔍 Search

Equipment units in conflict: 451

Download Equipment in Conflict   ←

Equipment with component ID conflicts: 9

Equipment Validation Requests: 10

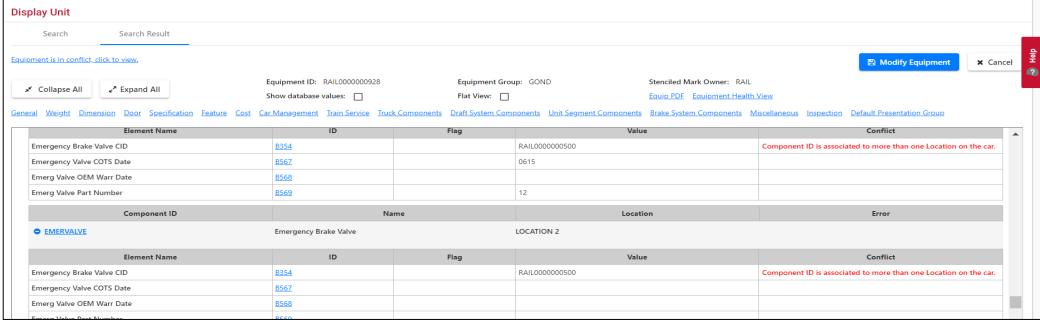|	A	B	C	D	E	F	G	H	I	J
1	Equipment Id	Status Code	Mechanical Designation	Date of Original Conflict Status	Element Name	Element ID	Element Value	Component Type	Component ID	Component Location
2	AARX00000003	I	XP	20230725	Tare Weight	A259	76500	E	BASE	1
3	AARX00000003	I	XP	20230725	Load Limit	LDLT	209500	E	BASE	1
4	AARX00000003	I	XP	20230725	Gross Rail Load/	A266	286000	E	BASE	1
5	AARX00000003	I	XP	20230725	Journal Size	A147	F	E	TRUCK	A
6	AARX00000003	I	XP	20230725	Journal Size	A147	F	E	TRUCK	B
7	AARX00000003	I	XP	20230725	Weighing Status	A289	E	E	BASE	1

Equipment with Component ID Conflicts

- Click 'Equipment units in conflict'
- Click the Equipment ID to open record
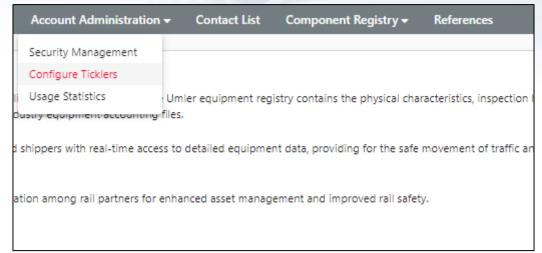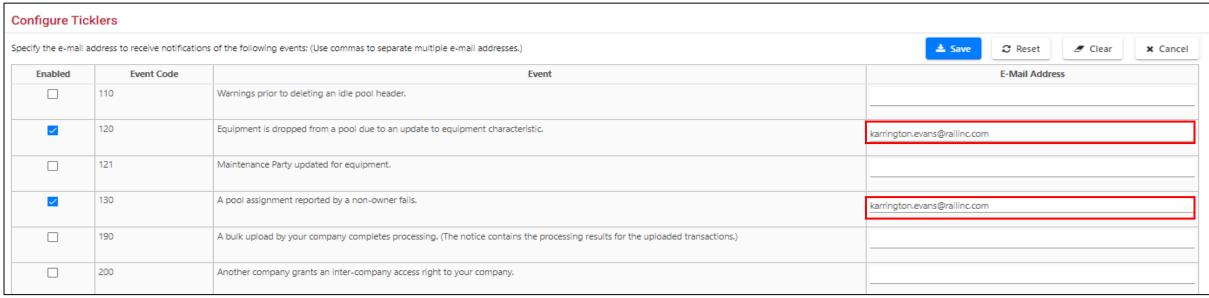- Click 'Equipment is in conflict, click to view'

Configure Ticklers

- This function can be used to specify email addresses that should receive notifications for specific Umler events as selected by the user

- Only Umler Company Administrators have access to enroll subscribers

Configure Ticklers

Specify the e-mail address to receive notifications of the following events: (Use commas to separate multiple e-mail addresses.)

Enabled	Event Code	Event	E-Mail Address
☐	110	Warnings prior to deleting an idle pool header.	
☑	120	Equipment is dropped from a pool due to an update to equipment characteristic.	karrington.evans@railinc.com
☐	121	Maintenance Party updated for equipment.	
☑	130	A pool assignment reported by a non-owner fails.	karrington.evans@railinc.com
☐	190	A bulk upload by your company completes processing. (The notice contains the processing results for the uploaded transactions.)	
☐	200	Another company grants an inter-company access right to your company.	

Alternative Umler Maintenance Options

- Bulk Upload
  - Bulk upload transactions file specifications

Upload Umler Transactions

IMPORTANT NOTE: Umler allows comma delimited file uploads for various transactions. Each transaction type has a defined set of parameters specific to that transaction type. This option is intended for the advanced user, who must be granted specific Bulk Upload Access to perform this function by the company administrator. It is advised that you first test upload formats that you create in the test environment before attempting to use them in the Production environment. For additional instructions, please contact our customer support group at csc@railinc.com and you may also reference the Bulk Upload Transactions CSV File Specifications.

To upload Umler transactions in CSV format:

1. Select the Browse button.
2. Select the appropriate directory.
3. Select the correct file.
4. Select Open.
5. Select Upload.

| Choose File | No file chosen |

⬆ Upload   ✖ Cancel

- Web Services
  - A system-to-system communication via real-time transactional integration
  - See Railinc Price List for information on setup and fees

Umler Billing

- Umler Semi-Annual Fee
  - Invoices are based on equipment registered in the Umler file under your assigned reporting marks effective on the 1st of January and July each year.
  - For Umler maintenance billing, owners will receive two invoices: one in February and one in August.
  - It is the responsibility of each owner or their agent to maintain the accuracy of their Umler registration with respect to their fleet.
  - Equipment that has been sold/restenciled should be deleted from Umler if no longer needed.
  - There are no retroactive adjustments. All adjustments made to the file after January 1st will be reflected in the August invoice.
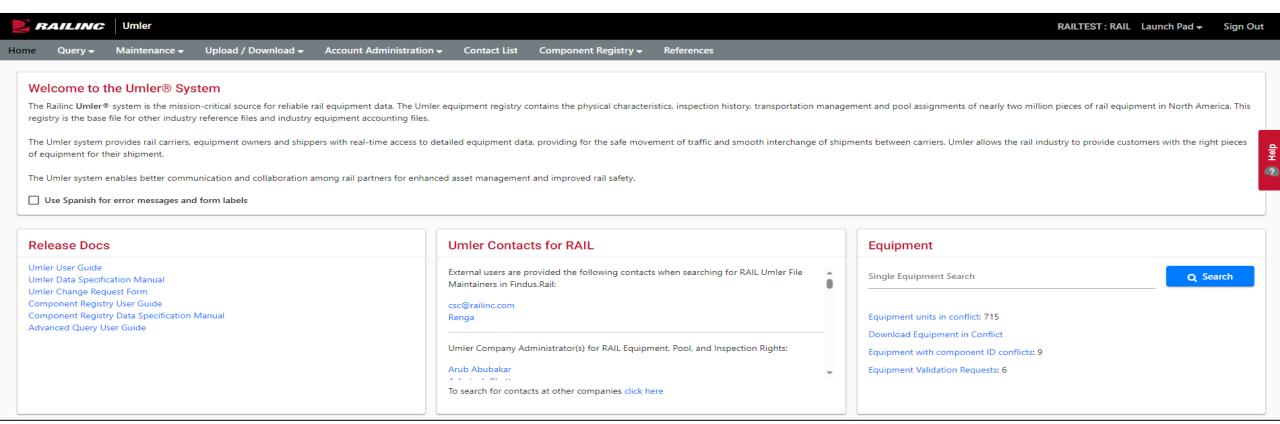
- AAR Technical User Fee
  - AAR fee
  - Administered by Railinc
  - Annual fee billed twice a year – once in January and once in July
  - Based on car counts registered in Umler under the mark listed in the Umler Owner field
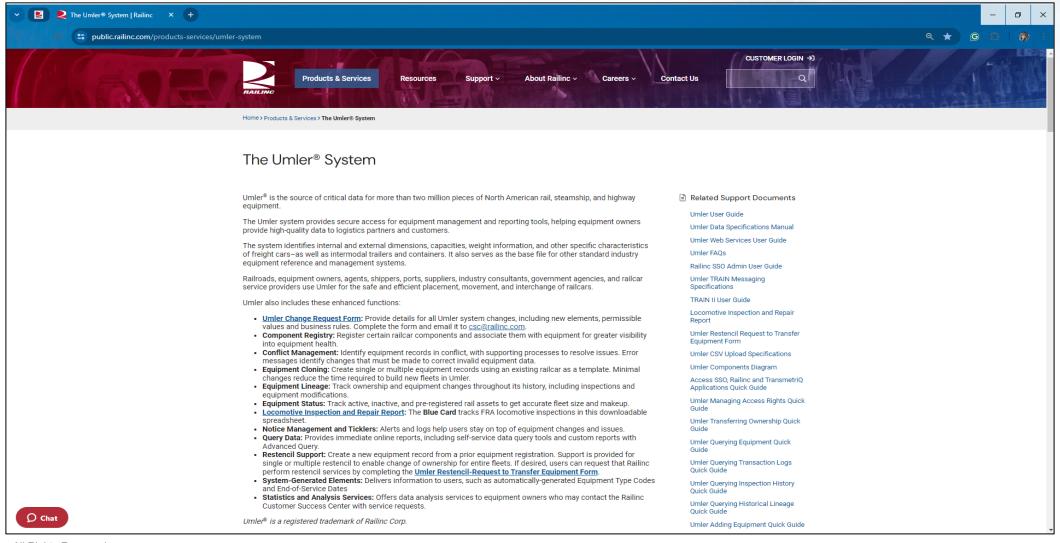
User Guide and Data Specification Manual

- Access Umler User Guide and DSM from homepage
- Select 'References' tab for Umler reference materials
- Helpful tips and tools are available when using Umler
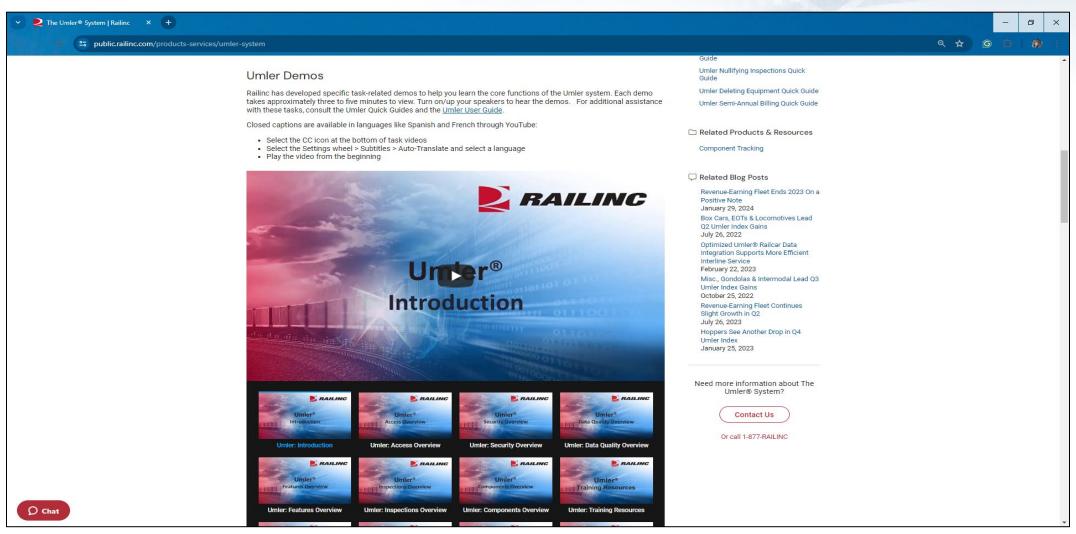
Access Additional Umler Resources
Go to www.railinc.com

Umler Demos

What's Coming Up for Umler

- Equipment Query enhancements*
  - Added filters to Equipment Query user interface
  - User can dynamically search by element ID or element name in Customized Output list
  - User can dynamically search by element ID or element name in Basic Query for 'Confidential Element Search' and 'Element Value Criteria'
- Transaction Log Query enhancements*
  - Added Transaction Log UI 'Search All Dates' Guidance returns faster queries
- Umler Company Administrator-Focused Webinars – August 26th and 28th
- Q3 2025 Umler Release – September 11th
- Customer Satisfaction Survey – September 22nd to October 3rd

* *2025 Umler Value Expansion Project –1st Release, 8/14/2025*

Railinc Customer Success Center
csc@railinc.com
877-724-5462

Railinc Keeps You Moving.

Caleb Brenner
Phone: 1-877-RAILINC
Email: csc@railinc.com

@Railinc   /railinc   /railinc1   www. railinc.com