

Umler® Company Administrators - Getting Started

Presenter: Tracy Brewer

General Announcements



- Welcome
- 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 40 minutes
- Please complete the short survey at the end of presentation

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Webinar Objectives



After this webinar, attendees will be able to:

- Manage users and approve/reject Umler Permission Requests
- Navigate the Security Management Module
- Grant Equipment Rights, Inspection Rights and Pool Rights
- Add / Accept View Confidential Data Rights
- Review Enhanced Process for Transferring Ownership
- Manage Umler Ticklers / View Usage Statistics

The Benefits of Umler



- The Umler system is a powerful and dynamic tool for tracking the physical characteristics, transportation management and pool assignments of virtually every piece of rail equipment in North America. Umler is the base file for 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 pro-active 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.

Umler Security



- Umler has two layers of security:
 - Single Sign-On (SSO) Umler Permissions
 - Umler Security Management Module
- SSO permissions will control which menu options the user can access.
- Equipment-level security allows owners/agents greater control over access to equipment.
- Users assigned **Umler Company Admin Access** will inherit authority to accept/reject permission requests submitted by users and grant user's access rights under a specific company.

SSO Umler User Permission Roles



☐ Component Maintenance Access (MARK required)
Ability to Add/Modify/Delete components
☐ Umler Access for Maintenance (MARK required)
Access to Umler transaction/update functionality. (Including Notice Management)
☐ Umler Access for Query (MARK required)
Access to Umler Query functionality. (Display Unit, Equipment Query, Car management Query, Transaction Log, Inspection History, Historical Lineage Query, Locomotive Historical Blue Card Query and Equipment Unit Comparison).
☐ Umler Advanced Query Access (MARK required)
Ability to download data from the Umler system. For some queries, downloading data may incur per record charges.
☐ Umler Bulk Upload (MARK required)
Upload transactions in CSV format. Upload corrected notices in CSV format.
☐ Umler Company Admin Access (MARK required)
Qualify as a Company Administrator. Manage SSO permissions and Umler Rights. Configure ticklers.
☐ Umler Manage Future Trans (MARK required)
Create, view, and delete transactions that the system will process at a specified future date.
☐ Umler Refresh Request Access (MARK required)
Allows a company to resynchronize its local copy of pool and equipment data following an interruption of messaging or an error occurring at the company site.

Most Users Need...



Example 1 – Umler Company Admin Users

- Umler Company Admin Access
- Umler Access for Maintenance
- Umler Access for Query
- Umler Advanced Query Access
- Umler Bulk Upload

Example 2 – Umler Query-Only Users

- Umler Access for Query
- Umler Advanced Query Access

Example 3 – Umler Maintenance Users

- Umler Access for Maintenance
- Umler Access for Query
- Umler Advanced Query Access
- Umler Bulk Upload

Some Users Need...



Example 4 – Component Maintenance Users

- **Component Maintenance Access**
- **Umler Access for Maintenance**
- **Umler Access for Query**

Example 5 – Users May Select Every Available Permission – *Reject any permission request not applicable for user*

- **Component Maintenance Access**
- **Umler Access for Maintenance**
- **Umler Access for Query**
- **Umler Advanced Query Access**
- **Umler Bulk Upload**
- **Umler Refresh Request Access** – *for TRAIN II only*
- **Umler Manage Future Trans** – *not used often*
- **Umler CSEG Access** – *not used often*

New Umler Company Admin Access Users



- Railinc initially qualifies and grants the **Umler Company Admin Access** only if no previous user(s) has registered with Umler under the company.
- Once **Umler Company Admin Access** has been assigned, the Company Admin is delegated to manage all activities on behalf of the company.
- Umler Company Admins can delegate an alternate Company Admin as needed.
- Umler Company Admins must assign themselves any additional Umler permissions and User Access Rights needed to perform update transactions.
- Umler Company Admins will be responsible to accept/reject permission requests for users under your company.
 - Unanswered permission requests will be rejected by Railinc after 30 days.
- Upon approving **Umler Access for Maintenance** permissions, Umler Company Admins must login Umler, go to Account Administration and under Security Management, Administer Access Rights Internal to My Company, and grant Equipment and Inspection rights.
- If an agent is interested in becoming the Umler Company Admin, a letter of authorization must be completed with the new category selection, Umler Company Admin Access.

Launch Pad



- Umler Company Admins can receive email notifications when a new Umler permission request(s) is received
- To sign up, go to **Edit My Profile**

A screenshot of the RAILINC Launch Pad interface. The page has a header with the RAILINC logo and the user's name 'Tracy Brewer (TRAINUS1) : RAILINC CORPORATION'. The main content area is divided into three columns. The left column, titled 'My Applications', lists 'FLDX Rail Document Interchange', 'Rail Document Interchange', and 'Umler'. The middle column, titled 'Welcome, Tracy Brewer', contains a welcome message, a 'Getting Started' section, a 'Profile Management' section, a 'Managing Permissions' section, a 'New User? Start Here' section, and a 'Need Assistance?' section. The right column, titled 'My Profile', is highlighted with a red border and contains a list of links: 'Edit My Profile' (with a blue arrow pointing to it), 'Change Password', 'View/Request Permissions', 'Check Status of Permission Requests', 'Support Cases', and 'User Guide'. At the bottom, there are two more columns: 'Permissions' with links 'Manage My Permissions', 'Manage User Permissions', and 'Manage Permission Requests'; and 'Tools' with links 'Advanced User Query', 'Find Admin Contacts for Application', and 'Admin User Guide'.

Launch Pad – Edit My Profile



- Sign up to receive email notifications
- Select button - *To receive permission request emails from registered users for companies that I administer*
- Select 'Save Profile'

A screenshot of the RAILINC Launch Pad 'Edit My Profile' page. The page header shows the RAILINC logo, 'Launch Pad', and the user's name 'Tracy Brewer (TRAINUS1)'. The main content area is titled 'TRACY BREWER (TRAINUS1)' with an 'ACTIVE' status indicator. The form contains several fields: First Name (Tracy), Last Name (Brewer), Business Title, Email (Tracy.Brewer@Railinc.com), Country (United States), Address (7001 Weston Pkwy Ste 200), Address 2, City (Cary), State/Province (North Carolina), Zip/Postal Code, Phone Number (91965 152054), Fax Number, Security Question, and Security Answer. At the bottom, there is a checkbox labeled 'I want to receive access request emails from registered single sign on users for companies or applications that I administer.' which is checked. The page also includes 'Cancel' and 'Save Profile' buttons.

Sign Up for Email Notifications – Manage Permission Requests



- Email notifications will be sent for all Company Marks when users have **Company Admin Access** for any Railinc applications

Railinc: Access Request Notification At 06/09/2021 10:10:00 - ACTION REQUIRED



noreply@railinc.com

To: Brewer, Tracy

[Retention Policy](#) [Inbox - Delete older than 90 days \(90 days\)](#)

If there are problems with how this message is displayed, click here to view it in a web browser.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.



| **User Services**

Hello Tracy Brewer,

The following application access request(s) waiting for your consideration. Please log onto Railinc Single Sign-On Portal to process this request.

User Information

Name Terry Caulfield

User Id UMLRTST1

Title PS II

Company RAILINC CORPORATION

Email

Phone 1.9196515000

Reference Number	Application	Permission	Company	Comment
274489	Umler	Umler Access for Maintenance	AARX - TEMPORARY MOVEMENT PERMIT	

If you believe that this email was sent to you in error, or have any questions/concerns, please contact the Railinc Customer Success Center by phone at 1-877-RAILINC (1-877-724-5462) or by email at csc@railinc.com

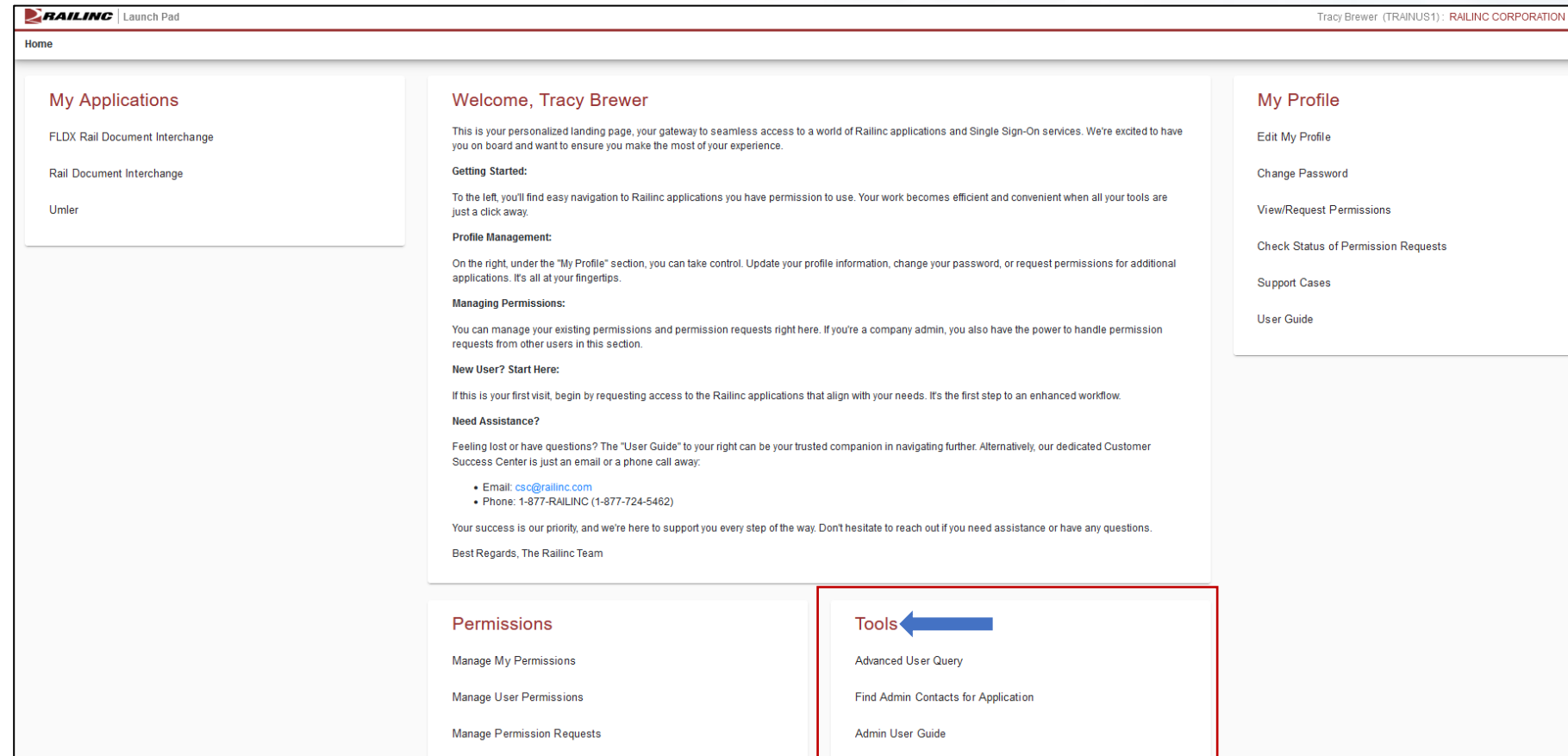
Thank you,
Railinc Customer Success Center

[Visit Railinc](#)

Launch Pad



- Umler Company Admins can access the Tools section of the Launch Pad to:
 - Query all users that have access for their company
 - Find company Admins for other applications
 - Review the SSO & Launch Pad Administrator Guide



Launch Pad – Manage Permission Requests



- From Launch Pad, select **‘Manage Permission Requests’**
- All pending permission requests will appear, and if managing multiple Company Marks and/or other applications, narrow your search by entering Umler and/or Company Mark or username/ID in the filter

Permissions

Manage My Permissions ←

Manage User Permissions

Manage Permission Requests

Clone User Permissions

RAILINC | Launch Pad

Tracy Brewer (TRAINUS1) - RAILINC CORPORATION | Sign Out

Home / Manage Permission Requests

Filter...

Total Items : 1

☐	Reference	Application	Permission	Mark/Company	User Id	User Name	Request Date	Status	User Comment	End Date
☐	2744...	Umler	Umler Access to...	AARX - TE...	UMLRTST1	Terry Caulfield	2021-06-09	Requested		

Cancel Reject Pending Approve

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Launch Pad – Approve/Reject Umler Permission Requests



- Use checkbox to select User
- Then select 'Approve' or 'Reject' Request(s)
- Comments are required if permission request is pended or rejected
- For approvals, Umler Company Admins have the option to add End Date for permission(s) as appropriate
 - The Effective Date begins the day the permission request is approved

Filter...

Total Items : 1

☒	Reference	Application	Permission	Mark/Company	User Id	User Name	Request Date	Status	User Comment	End Date
☒	274489	Umler	Umler Access fo...	AARX - TE...	UMLRTST1	Terry Caulfield	2021-06-09	Requested		

Selected Permission Request(s)

274489

Comments...

Required for rejecting permission request(s)

0/255

Cancel Reject Pending Approve

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Manage Multiple Company Marks

- Umler Company Admins may be responsible for managing multiple Company Marks
- After approving **Umler Access for Maintenance**, Login to Umler to grant the User's Access Rights
- Select the appropriate Company Mark
- In this example, **AARX** is the Company Mark to sign in under to grant user access rights



My Applications

Umler ←

User Mark Selection

Select a Mark *

RAIL

AARE

AARX ←

User Mark Selection

Select a Mark *

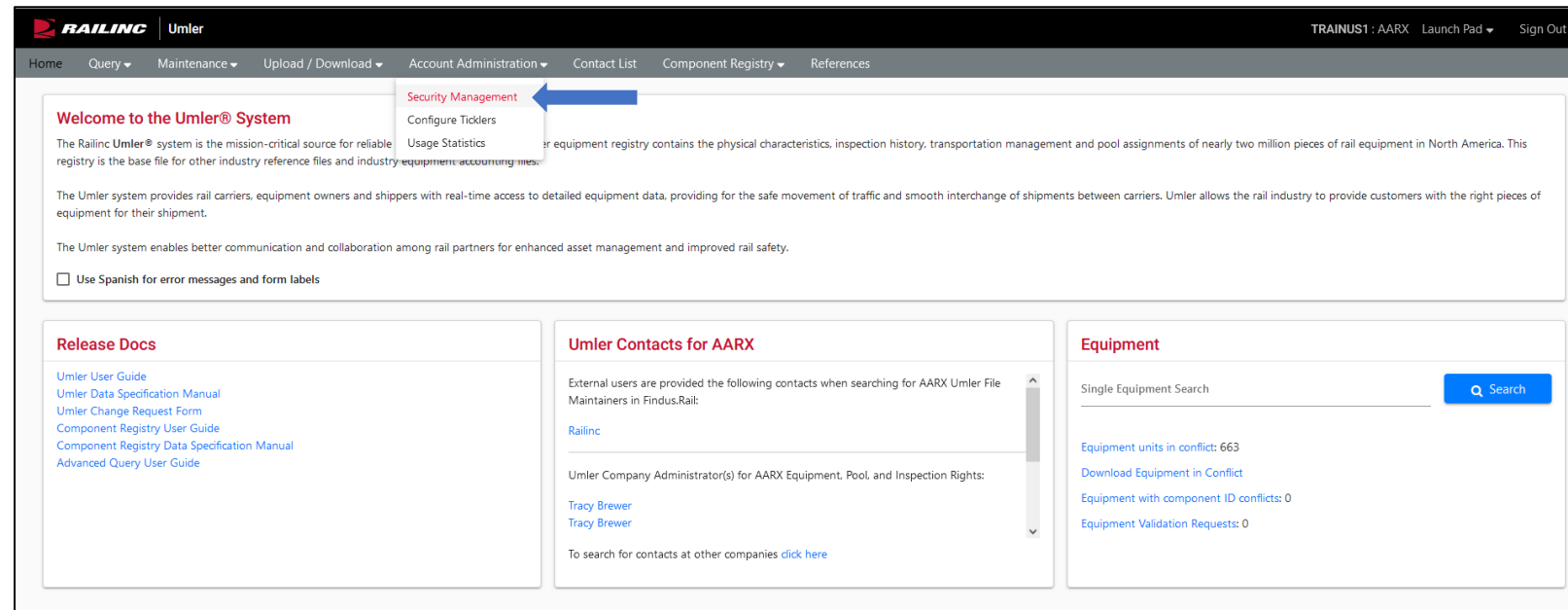
AARX ▼

→ Select

Umler Homepage



- To grant user's access rights, go to the **Account Administration** menu on the homepage
- Select 'Security Management' to grant access rights:
 - Equipment Rights
 - Inspection Rights
 - Pool Rights – *for railroads only*



Security Management



- Go to **Administer Access Rights Internal to My Company**
 - Select **Manage Intra-Company User Access Rights** to locate authorized users under **AARX**
 - Each maintenance user must be granted access rights to perform update transactions in Umler

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](#)

Administer Access Rights – Internal to My Company



- Select the User ID you wish to grant access rights
- This page identifies the list of Umler Maintenance users for that specific Company Mark

Update A User's Access Rights

Select the user to update.

Select	User ID	Name
☐		
☐		
☐		
☐		
☐		
☐		
☐		
☐		
☒	UMLRTST1	Caulfield Terry

Update a User's Access Rights



- When this page is blank, the user has no access rights to perform update transactions
- Umler Maintenance users must be granted:
 - Equipment Access Rights
 - Inspection Access Rights
 - Pool Access Rights – *for railroads only*

Update A User's Access Rights

Currently editing access rights for security profile: [UMLRTST1](#)

✕ Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
No access right(s) available for this company.					

+ Add Pool Right

+ Add Equipment Right

+ Add Inspection Right

Clone Rights from another User

Done

Add Equipment Access Rights



- Enter the required fields:
 - Step 1 - Type brief description
 - Step 2 - Select Effective Date as the current date
 - Step 3 - Specify Expiration Date or leave default as 12/31/9999
 - Step 4 - The Range of Equipment is defaulted to All Equipment under the listed SCAC(s)
 - Step 5 - Select the specific **Type of Access** the user needs

Equipment Access Right

Currently editing access rights for: [BSAXL02](#)
Edit the details of the access right.

[Save](#) [Count Equipment](#) [Cancel](#)

Description of Access Right

Description * LOA Number

Timeframe of Authority

Effective Date * Expiration Date *

Range of Equipment

☒ All Equipment: SCAC(s): Initial(s): Equipment Group(s): Equipment:

Type of Access

[Save](#) [Count Equipment](#) [Cancel](#)

Equipment Type of Access



- Select **Type of Access** user needs to perform update transactions
 - **Add Equipment**
 - **Modify Equipment**
 - **Delete Equipment**
- For railroads only:
 - Non-Owner Self-as-Lessee Removal
 - Equipment – Add to Pool
 - Equipment – Remove from Pool
 - Select 'Save'

The screenshot shows the 'Equipment Access Right' form in a web application. The form is titled 'Equipment Access Right' and includes a subtitle 'Currently editing access rights for: BSAXL02'. Below the subtitle is a text input field for 'Edit the details of the access right.' The form is divided into several sections: 'Description of Access Right' with a 'Description' field and an 'LOA Number' field; 'Timeframe of Authority' with 'Effective Date' (04/09/2026) and 'Expiration Date' (12/31/9999) fields; 'Range of Equipment' with a checked 'All Equipment' checkbox and four dropdown menus for 'SCAC(s)', 'Initial(s)', 'Equipment Group(s)', and 'Equipment'; and 'Type of Access' with a dropdown menu. The 'Type of Access' dropdown is highlighted with a red box and contains the following options: 'Non-Owner Self-as-Lessee Removal', 'Equipment - "Add to Pool"', 'Equipment - "Remove from Pool"', 'Add Equipment', 'Modify Equipment', and 'Delete Equipment'. At the bottom right of the form, there are three buttons: 'Save', 'Count Equipment', and 'Cancel'. The 'Save' button is highlighted with a red box.

Confirmed – User's Access Rights



- Umler Maintenance users also need access to report inspections
- Select 'Add Inspection Right'

Update A User's Access Rights

✓ Equipment Right added successfully.

Currently editing access rights for security profile: KARRIE

Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	07/02/2024	12/31/9999	Equipment	Equipment Rights

+ Add Pool Right + Add Equipment Right + Add Inspection Right [X] Edit [X] Delete

[X] Clone Rights from another User [X] Done

Add Inspection Access Rights



- Enter the required fields:
 - Step 1 – Type brief description
 - Step 2 – Select Effective Date as the current date
 - Step 3 – Specify the Expiration Date or leave default as 12/31/9999
 - Step 4 – Use default for All Marks and All Inspections or specify
 - Step 5 – Use default for All Equipment or specify
- Select 'Save'

Inspection Access Right

Currently editing access rights for: BSAXL02
Edit the details of the access right.

[Save](#) [Count Equipment](#) [Cancel](#)

Description of Access Right

Description *
Inspection Rights LOA Number

Timeframe of Authority

Effective Date * 12/31/9999 Expiration Date * 12/31/9999

Authorize reporting as the following marks / Authorize reporting for the following inspections

☒ All Marks: Mark(s): AARX ☒ All Inspections: Inspections Types(s): VAI, SBI, EBI, REF

Range of Equipment

☒ All Equipment: SCAC(s): AARX Initial(s): AARX Equipment Group(s): BOXC, CHSS, CONT, EOTD, FLAT Equipment:

[Save](#) [Count Equipment](#) [Cancel](#)

Confirmed – User's Access Rights



- In this example, the AARX Maintenance user now has the appropriate access rights to perform update transactions

Update A User's Access Rights

✓ Inspection Right added successfully.

Currently editing access rights for security profile: [BSAXL02](#) Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	04/09/2026	12/31/9999	Equipment	Equipment Rights
☐	AARX	04/09/2026	12/31/9999	Inspection	Inspection Rights

[+ Add Pool Right](#) [+ Add Equipment Right](#) [+ Add Inspection Right](#) [Edit](#) [Delete](#)

[Clone Rights from another User](#) [Done](#)

Adding Rights for Pool User (Railroads Only)

- Umler Company Admins can also grant Pool Access Rights to maintenance users and specify **Types of Access**
 - Add Pool Header
 - Update Pool Header
 - Delete Pool Header
 - Pool Assignment / Un-assignment
- Select 'Add Pool Right'

Update A User's Access Rights

Currently editing access rights for security profile: [BSAXL02](#)

[Clear Filters](#)

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	04/09/2026	12/31/9999	Equipment	Equipment Rights
☐	AARX	04/09/2026	12/31/9999	Inspection	Inspection Rights

[+ Add Pool Right](#) [+ Add Equipment Right](#) [+ Add Inspection Right](#) [Edit](#) [Delete](#)

[Clone Rights from another User](#) [Done](#)

Adding Rights for Pool User (Railroads Only)

- Enter the required fields.
 - Step 1 – Type brief Description'
 - Step 2 – Select Effective Date as the current date
 - Step 3 – Specify Expiration Date or leave default as 12/31/9999
 - Step 4 – Range of Pools is defaulted to All Pools or enter Pool IDs
 - Step 5 – Select the **Type of Access** the user needs
- Select 'Save'

Pool Access Right

Currently editing access rights for: [BSAXL02](#)
Edit the details of the access right.

[Save](#) [Cancel](#)

Description of Access Right

Description *

Pool Rights LOA Number

Timeframe of Authority

Effective Date * Expiration Date *

Range of Pool

☒ All Pools ☐ Pool ID(s)

Type of Access

[Save](#) [Cancel](#)

Update A User's Access Rights

 Pool Right added successfully.

Currently editing access rights for security profile: [BSAXL02](#)

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	04/09/2026	12/31/9999	Equipment	Equipment Rights
☐	AARX	04/09/2026	12/31/9999	Inspection	Inspection Rights
☐	AARX	04/30/2026	12/31/9999	Pool	Pool Rights

Clone Rights from Another User

- When adding user's access rights, Umler Company Admins may choose to select 'Clone Rights from another User'
- This feature is limited to cloning of all access rights associated with a user and SSO permissions will not be included as part of the cloning
- Select User ID and then select 'Clone Rights'

The screenshot displays the 'Update A User's Access Rights' interface. At the top, it states 'Currently editing access rights for security profile: TBCTEST'. Below this is a table with columns: Select, Company, Effective Date, Expiration Date, Type, and Description. The table is currently empty, with a message 'No access right(s) available for this company.' at the bottom. To the right of the table are three buttons: '+ Add Pool Right', '+ Add Equipment Right', and '+ Add Ins'. A blue arrow points from the '+ Add Ins' button to a button labeled 'Clone Rights from another User'.

Below the main interface is a dialog box titled 'Select Access Right Source'. It states 'Currently editing access rights for: TBCTEST' and 'Select the user whose access rights will be cloned.' Below this is a table with columns: User ID, Name, and Role. The table has one row selected: 'UMLR1ST1' and 'Caulfield Terry'. At the bottom of the dialog are two buttons: 'Clone Rights' and 'Cancel'. A blue arrow points from the 'Clone Rights' button to the 'Clone Rights from another User' button in the main interface.

Confirm Clone Access Rights from Another User



- Select 'Confirm Clone Rights'
- The Access Rights are cloned to the desired user
- Select 'Done' to exit screen

Confirm Clone Access Rights

Currently editing access rights for security profile: [TBCTEST](#)
Are you sure you want to grant the following access rights ?

Company	Effective Date	Expiration Date	Type	Description
AARX	08/01/2024	12/31/9999	Equipment	Equipment Rights - All
AARX	08/01/2024	12/31/9999	Inspection	Inspections Rights - All

 [Confirm Clone Rights](#)

Update A User's Access Rights

 User access right(s) cloned successfully.

Currently editing access rights for security profile: [UMLRTST1](#)

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	08/01/2024	12/31/9999	Equipment	Equipment Rights - All
☐	AARX	08/01/2024	12/31/9999	Inspection	Inspections Rights - All

Delete a User's Access Rights



- To delete an existing access right, select 'Delete'
- Select each Access Right and then select 'Delete'
- To confirm, select 'Delete'
- Select 'Done' to exit

Update A User's Access Rights

Currently editing access rights for security profile: UMLRTST1

Clear Filters

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	08/01/2024	12/31/9999	Equipment	Equipment Rights - All
☐	AARX	08/01/2024	12/31/9999	Inspection	Inspections Rights - All

+ Add Pool Right + Add Equipment Right + Add Inspection Right [X] Edit Delete

Clone Rights from another User Done

Confirm - Delete an Access Right

! Are you sure you want to delete this access right?

Currently editing access rights for security profile: UMLRTST1

Delete Cancel

Update A User's Access Rights

✓ User access right deleted successfully.

Currently editing access rights for security profile: UMLRTST1

Select	Company	Effective Date	Expiration Date	Type	Description
☒	AARX	08/01/2024	12/31/9999	Inspection	Inspections Rights - All

Launch Pad – Add Umler Permissions to User ID



- Umler Company Admins can select **Manage User Permissions** to search username/ID and grant additional Umler permissions
- Select the permission(s) you wish to add and select Mark(s), then select 'Submit'
- Use 'Apply to All' to auto populate the selected Mark(s) for multiple permissions

Enter your search criteria and click on the "Search" button to retrieve the users. You may use a wildcard (*) for all criteria except employer.

Found 1 user(s) matching the search criteria.

Filter...

Id	First Name	Last Name	Employer	Phone	Email	Type	Status	Actions
UML...	Terry	Caulfield	RAILINC CORPORATION	91965150...	terry.caulfield@railinc.com	Web	Active	Edit User Profile Change User Password Manage User Status Manage User Type Manage User Permissions View User Audit Log Manage User LDAP

A blue arrow points to the 'Manage User Permissions' option in the Actions dropdown menu.

☒ Umler Access for Maintenance (MARK required)

Access to Umler transaction/update functionality. (Including Notice Management)

☐ Name ☒ Mark

Mark: AARX

Selected Mark(s): RAIL

Effective Date: 6/13/2021

Expiration Date:

☒ Umler Access for Query (MARK required)

Access to Umler Query functionality. (Display Unit, Equipment Query, Car management Query, Transaction Log, Inspection History, Historical Lineage Query, Locomotive Historical Blue Card Query and Equipment Unit Comparison).

☐ Name ☒ Mark

Mark:

Selected Mark(s): RAIL

Apply to all

A blue arrow points from the 'Apply to all' toggle to the 'Mark' field in the first section. Another blue arrow points from the 'Selected Mark(s)' dropdown to the 'Mark' field in the second section.

Launch Pad – Remove Umler Permission for User ID



- To remove existing permissions, select **‘Manage User Permissions’** and search username/ID
- Select each permission you wish to delete and then select **‘Remove selected permissions’**
- The page refreshes and displays the user’s current permissions

TERRY CAULFIELD (UMLRTST1) ACTIVE ▾

Filter...

Umler Add

The Universal Machine Language Equipment Register (Umler) is a central Rail Industry mission-critical database and suite of applications that store and communicate data pertaining to the massive inventory of railway equipment used by the industry.

Umler Access for Maintenance	AARE - RAILINC CORPORATION - TEST	06/13/2021		☒
Umler Access for Maintenance	AARX - TEMPORARY MOVEMENT PERMIT	06/13/2021		☐
Umler Access for Maintenance	RAIL - RAILINC CORPORATION	04/01/2021		☐
Umler Access for Query	AARE - RAILINC CORPORATION - TEST	06/13/2021		☒
Umler Access for Query	RAIL - RAILINC CORPORATION	04/01/2021		☐

Comments...
not required



Cancel Remove selected permission(s)

12/4/2020

Umler Add

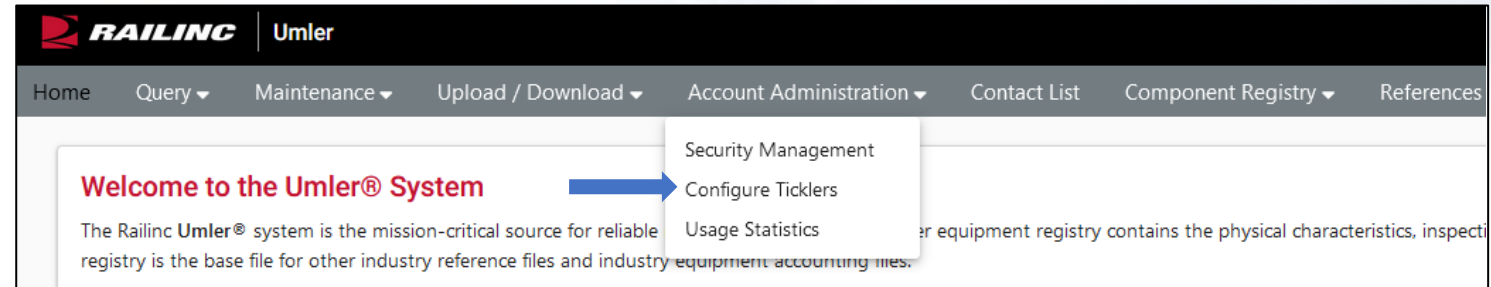
The Universal Machine Language Equipment Register (Umler) is a central Rail Industry mission-critical database and suite of applications that store and communicate data pertaining to the massive inventory of railway equipment used by the industry.

Umler Access for Maintenance	AARX - TEMPORARY MOVEMENT PERMIT	06/13/2021	☐
Umler Access for Maintenance	RAIL - RAILINC CORPORATION	04/01/2021	☐
Umler Access for Query	RAIL - RAILINC CORPORATION	04/01/2021	☐

Account Administration – Configure Ticklers



- Umler Ticklers are electronic event notifications meant to alert users of any updates they must attend to
- Umler Company Admins can select 'Enabled' to specify which types of event notifications should be sent by Umler and to whom by entering their email address(es)
- Periodic review of the email subscribers will ensure the list is up-to-date



Configure Ticklers

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

[Save](#) [Reset](#) [Clear](#) [Cancel](#)

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.	
☐	121	Maintenance Party updated for equipment.	
☐	130	A pool assignment reported by a non-owner fails.	
☐	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.	
☐	210	Another company revokes an inter-company access right from your company.	
☐	220	Another company accepts an inter-company access right granted by your company.	
☐	230	Another company declines an inter-company access right granted by your company.	
☐	240	Another company relinquishes an inter-company access right granted by your company.	
☐	270	Another company declines an access right transfer from your company.	

Account Administration – Configure Ticklers



Top Umler Tickler Subscriptions

- CFLT – Conflict status notification
- 430 – Another company restencils an equipment owned by your company
- 440 – Prior Equipment made inactive
- 450 – Equipment restencil completes
- 200 – Another company grants inter-company access rights
- 210 – Another company revokes
- 220 – Another company accepts
- 230 – Another company declines
- 240 – Another company relinquishes

☒	430	Another company Restencils an equipment owned by your company. (The notice contains the processing results for the submitted Restencil transactions.)	trainus1@railinc.com
☒	440	Prior equipment owned by your company made Inactive due to Restenciled equipment's status change to Active.	trainus1@railinc.com
☒	450	A batch process for Equipment Restencil transaction completes processing. (The notice contains the processing results for the submitted Restencil transactions.)	trainus1@railinc.com
☒	200	Another company grants an inter-company access right to your company.	trainus1@railinc.com
☒	210	Another company revokes an inter-company access right from your company.	trainus1@railinc.com
☒	220	Another company accepts an inter-company access right granted by your company.	trainus1@railinc.com
☒	230	Another company declines an inter-company access right granted by your company.	trainus1@railinc.com
☒	240	Another company relinquishes an inter-company access right granted by your company.	trainus1@railinc.com
☒	CFLT	Conflict creation/status warning notifications for the equipment.	trainus1@railinc.com

Account Administration – Usage Statistics



- Umler Company Admins can monitor requests such as Web services and CSV Downloads
 - Users with Advanced Query Access are permitted to download data via CSV
- Make the required selections and select 'Submit'

Usage Statistics

Usage Statistics are available to Company Administrators to monitor billable requests such as web service downloads.

Select criteria below to view usage. Only full month results are provided. Entering a partial month will return results for the entire month.

* Select User

BSAXL02 - Anna Lube
BSNXG01 - Nicholas Gargano
srbemis - Srinivas Badveli
BSJXD02 - Jaden Dedman
BSJXD01 - Vincent Ricciardi

Usage Method *

CSV DOWNLOAD

Starting Date/Time *

02/01/2026

Ending Date/Time *

04/30/2026

Submit

Cancel

Account Administration – Usage Statistics



- Umler Company Admins can view **Usage Statistics** under their Company Mark for all users within any 90-day period or view an individual user's statistics for a given month
- Only full month results are provided

Usage Statistics

Search Criteria

Search Results

Usage Details :

User ID	Transaction Type	Mon-Year	Billable Records
BSAXL02	EQUIP_QUERY	Apr-2026	2916

Usage Statistics

Search Criteria

Search Results

Usage Summary :

Transaction Type	Mon-Year	Billable Records
EQUIP_QUERY	Apr-2026	44650
EQUIP_QUERY	Feb-2026	138377
EQUIP_QUERY	Mar-2026	165576
TRANS_LOG_QUERY	Apr-2026	4978
TRANS_LOG_QUERY	Feb-2026	1848
TRANS_LOG_QUERY	Mar-2026	3767

Usage Details :

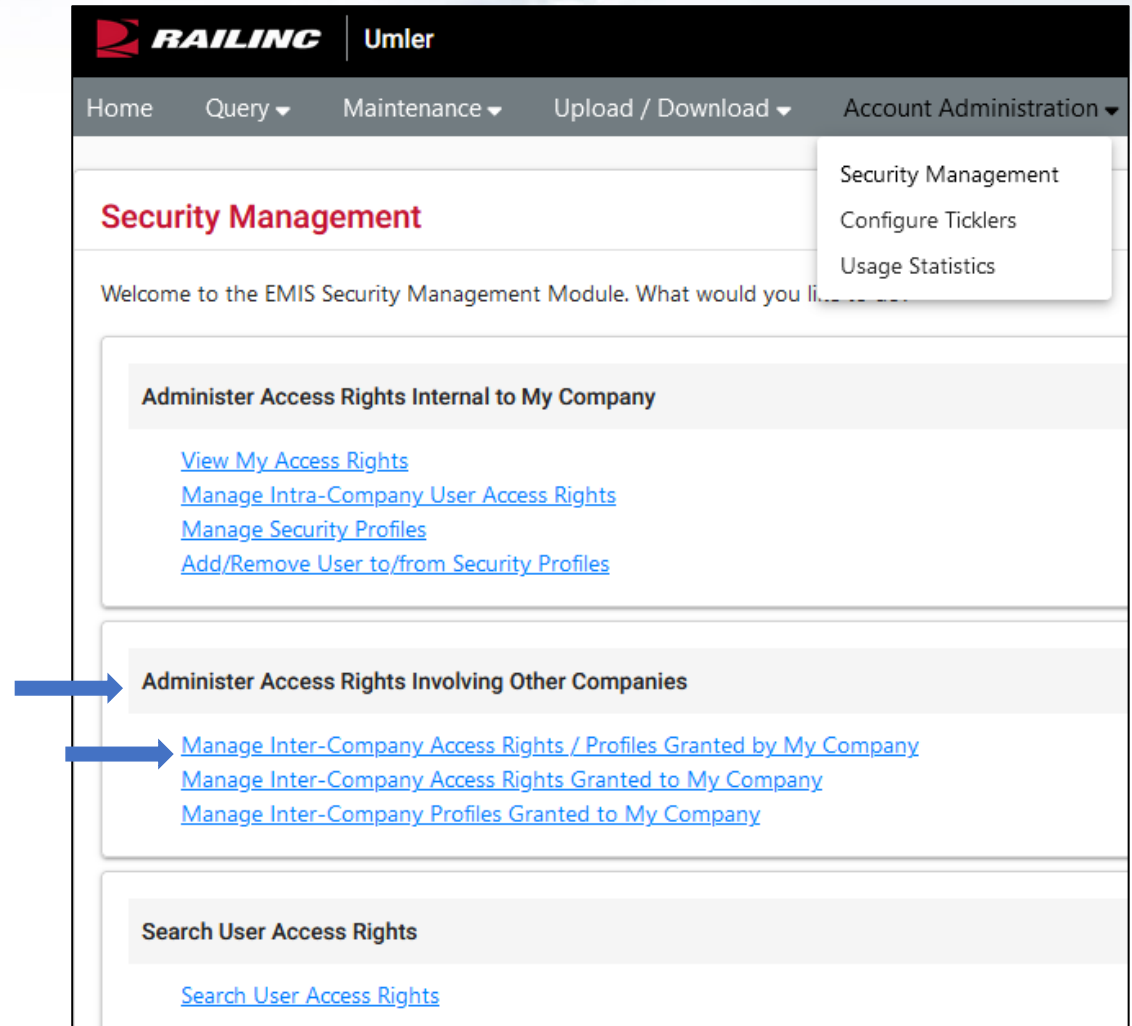
User ID	Transaction Type	Mon-Year	Billable Records
BSAXB06	EQUIP_QUERY	Mar-2026	19727
BSAXB06	TRANS_LOG_QUERY	Apr-2026	122
BSAXB06	TRANS_LOG_QUERY	Mar-2026	2173
BSAXL02	EQUIP_QUERY	Apr-2026	2916
BSCXB04	EQUIP_QUERY	Apr-2026	200
BSEXC01	EQUIP_QUERY	Apr-2026	27662
BSEXC01	EQUIP_QUERY	Feb-2026	7164
BSEXC01	EQUIP_QUERY	Mar-2026	6638
BSPXC01	EQUIP_QUERY	Mar-2026	2034
BSRXG01	EQUIP_QUERY	Apr-2026	2872
BSTXD01	EQUIP_QUERY	Feb-2026	22772

Questions?

Account Administration – Transferring Ownership



- When equipment transfers ownership, Umler Company Admins will need to **Administer Access Rights Involving Other Companies** and select 'Manage Inter-Company Access Rights / Profiles Granted by My Company'
- Umler Company Admins can grant **View Confidential Data Right** to new owner for visibility to:
 - Built Date
 - Rebuilt Date
 - Purchase Price
 - Additions and Betterment



Inter-Company Access Rights – Add a Company



- Select 'Add a Company' and scroll to locate the Company Mark you wish to grant Access Rights

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

Inter-Company Access Rights Granted by My Company

Select the company whose access rights you want to edit.

Select	Company
☐	AARE RAILINC Umler Test Company
☐	RAIL RAILINC CORPORATION

Add a company...

0000 - Roadmark/Company ID - not found

A000 - RAILINC RUNNING REPAIR MARK

A001 - TTX COMPANY RUNNING REPAIR AGENT MARK

A002 - F & M CAR & LOCOMOTIVE INC.

A004 - GBW RAILCAR SERVICES LLC MODESTO CA

Example – Add View Confidential Data Right to Company



- In this example, the selling entity, AARX, has granted Rights previously before and selects ‘RAIL’ and then selects ‘Grant Access Rights’
- Next, select ‘Add View Confidential Data Right’

Inter-Company Access Rights Granted by My Company

Select the company whose access rights you want to edit.

Select

Company

Company Name

☐	AARE	RAILINC Under Test Company
☒	RAIL	RAILINC CORPORATION

☐ Add a company...

+ Grant Access Rights

+ Grant Profiles

Done

Update Access Rights

Currently editing access rights for: RAIL

Select

ID

Effective Date

Expiration Date

Type

Description

Status

☒	967327	08/07/2020	12/31/9999	View Confidential Data	Sold AARX 6658 to RAIL	Accepted
☐	975030	05/27/2021	12/31/9999	View Confidential Data	Sold AARX 8880-8882	Accepted
☐	1019601	01/26/2023	12/31/9999	View Confidential Data	Test AARX 317 confidential right	Accepted
☐	1062323	06/11/2024	12/31/9999	Equipment	Test AARX	Accepted
☐	1062359	06/13/2024	12/31/9999	Equipment	Test Q2	Accepted

+ Add Pool Right

+ Add Equipment Right

+ Add Inspection Right

+ Add View Confidential Data Right

View

Revoke

Done

Add View Confidential Data Right



- Next, enter the required fields:
 - Add brief description for the user's access
 - Add Effective Date
 - Modify Expiration Date or leave default date as 12/31/9999

Description of Access Right				
Description *				
Timeframe of Authority				
Effective Date *		Expiration Date *		
12/31/9999		12/31/9999		
Range of Equipment				
☒ All Equipment:	SCAC(s):	Initial(s):	Equipment Group(s):	Equipment:
	RAIL	AARX RAIL	BOXC CHSS CONT EOTD	

Add View Confidential Data Right



- Umler Company Admins can restrict access to any one of the following under **Range of Equipment**;
 - Deselect All Equipment to restrict access as appropriate
 - Equipment Initial(s)
 - Equipment Group(s)
 - Equipment IDs or Equipment series
- **In the Range of Equipment only one option should be selected**
- Press 'Count Equipment' to determine the number of equipment units included in the rights assigned
- Select 'Save'

The screenshot shows a web form for adding a 'View Confidential Data' right. The form is divided into several sections: 'Description of Access Right', 'Timeframe of Authority', and 'Range of Equipment'. The 'Range of Equipment' section contains four dropdown menus: 'All Equipment', 'SCAC(s)', 'Initial(s)', and 'Equipment Group(s)'. A red arrow points to the 'Count Equipment' button in the top right corner. A blue arrow points to the 'Equipment' dropdown menu in the 'Range of Equipment' section.

Description of Access Right
Description *
Solid AARX 8880-8882

Timeframe of Authority
Effective Date * 08/01/2024 Expiration Date * 12/31/9999

Range of Equipment
☐ All Equipment: SCAC(s): RAIL Initial(s): AARX RAIL Equipment Group(s): BOXC CHSS CONT EOTD Equipment: AARX8880 AARX8881 AARX8882

Buttons: Save, Count Equipment, Cancel

Example – Confirmed Confidential Data Rights Pending



- Umler Company Admin has granted the required access for the Buying entity to view Confidential Data on equipment transferring ownership
- Select 'Done' to exit screen

Update Access Rights

✔ View Confidential Data Right added successfully.

Currently editing access rights for: [RAIL](#)

✕ Clear Filters

Select	ID	Effective Date	Expiration Date	Type	Description	Status
☐	967327	08/07/2020	12/31/9999	View Confidential Data	Sold AARX 6658 to RAIL	Accepted
☐	975030	05/27/2021	12/31/9999	View Confidential Data	Sold AARX 8880-8882	Accepted
☐	1019601	01/26/2023	12/31/9999	View Confidential Data	Test AARX 317 confidential right	Accepted
☐	1062323	06/11/2024	12/31/9999	Equipment	Test AARX	Accepted
☐	1062359	06/13/2024	12/31/9999	Equipment	Test Q2	Accepted
☒	1063760	08/01/2024	12/31/9999	View Confidential Data	Sold AARX 8880-8882	Pending

+ Add Pool Right

+ Add Equipment Right

+ Add Inspection Right

+ Add View Confidential Data Right

View

Revoke

Done

Buying Entity Accepts – View Confidential Data Right



- The Umler Company Admin will receive Tickler 200 if requested to alert them access was granted
- Go to Security Management and under **Administer Access Rights Involving Other Companies**
- Select ‘Manage Inter-Company Access Rights Granted to My Company’
- Locate the Pending ‘View Confidential Data Right’
- Select the access Right & click ‘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

Select	ID	Grantor	Effective Date	Expiration Date	Type	Description	Status
☐	1031107	A110	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031108	STIV	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031110	TOPX	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031111	A125	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031113	CPRS	07/17/2023	12/31/9999	Inspection	Inspection Rights	Relinquished
☐	1031115	SOO	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031117	DH	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031119	DME	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031121	CMO	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031123	BNSE	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031125	C167	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1031146	CP	07/17/2023	12/31/9999	Inspection	Inspection Rights	Accepted
☐	1062323	AARX	06/11/2024	12/30/9999	Equipment	Test AARX	Accepted
☐	1062359	AARX	06/13/2024	12/30/9999	Equipment	Test Q2	Accepted
☐	1062918	ATX	06/26/2024	06/27/2024	View Confidential Data	Testing Data	Expired
☐	1062919	AGPX	06/26/2024	06/27/2024	View Confidential Data	Testing Data	Expired
☐	1063760	AARX	08/01/2024	12/30/9999	View Confidential Data	Sold AARX 8880-8882	Pending

Delete Access Rights

- As information, Company Admins can 'Delete' revoked or expired access rights
- Select the mark of the access rights you want to delete
- Select 'Delete' and 'Confirm Delete of Access Rights' message is displayed, select Delete again to confirm, and final confirmation shows 'Inter-Company Access Rights was deleted successfully'



☐	1085606	ACR	06/06/2025	09/06/2025	Equipment	Right20250806054207	Revoked
☐	1085628	ACR	06/06/2025	09/06/2025	Pool	Right20250806061302	Revoked
☐	1085978	ACR	06/07/2025	09/07/2025	Pool	Right20250807034813	Revoked
☐	1086275	NS	06/07/2025	12/31/9999	Pool	testing	Pending
☐	1086291	NS	06/07/2025	09/07/2025	View Confidential Data	Right20250807054224	Revoked

View Done Delete



RAILINC | Umler eftlb01 : RAIL Launch Pad Sign out

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry References

Confirm - Delete An Access Right

Are you sure you want to delete the selected access right?

Delete Cancel

Inter-Company Access Rights Granted to My Company

✓ Inter Company Access Right deleted successfully.

View Done

Clear Filters

Enhanced Process for Transferring Ownership



- The Enhanced Process for Transferring Ownership replaces the original AAR Form 88-C
- A summary of the View Confidential Data Rights is displayed
- Owners will have visibility (via CSV download) prior to accepting confidential data rights
- The Umler Company Admin first selects 'Download CSV' to view the Confidential details of the equipment

View Confidential Data Access Right

Details

Status:

Pending

Company:

AARX

Description:

Sold AARX 8880-8882

Timeframe of Authority

Effective Date:

08/01/2024

Expiration Date:

12/31/9999

Range of Equipment

Equipment Types(s):

Equipment:

AARX0000008880

AARX0000008881

AARX0000008882

Accept

Decline

Done

Download CSV

Please make a selection below:

☐ Lease Agreement

☐ Sold

☐ By and accepting confidential data rights, the accepting party confirms that equipment meets the requirements of AAR Office Manual Rule 88.C.1.b. Specifically, the accepting party confirms that the units do not have any basic structural weakness or damage that would cause an unsafe operating condition or that any such weakness or damage has been repaired by an MSRP M-1003 certified car repair facility and currently meet all applicable interchange requirements. Additionally, if the transaction includes Tank Car equipment, the accepting party confirms that they have received copies of the Certificate of Construction (AAR Form 4-2) and Exhibit R-1 forms (see MSRP Section C-III) along with drawings of General Arrangement, Tank Arrangement, and Fittings Arrangement(s).

	A	B	C	D	E	F	G	H	I
1	Equipment Id	Prior Equip	Built Date	Rebuilt Dat	Mechanica	Original Certificate of Construction			
2	AARX0000008880		20161001		GB				
3	AARX0000008881		20161001		GB				
4	AARX0000008882		20161001		GB				
5									

Buying Entity Assigns Confidential Data Rights to User



- Next, select 'Assign to User'
- A list of maintenance User IDs is displayed
- Select the 'User ID' that is accepting the Confidential Data Rights and click 'Select'

View Confidential Data Access Right

✓

Inter-company access right accepted successfully.

✕

Details

Status:

Accepted

Company:

AARX

Description:

Sold AARX 8880-8882

Timeframe of Authority

Effective Date:

08/01/2024

Expiration Date:

12/31/9999

Range of Equipment

Equipment Types(s):

Equipment:

AARX0000008880

AARX0000008881

AARX0000008882

➡

Assign to User

Assign to Profile

Relinquish

Done

TRAINUS1	Brewer Tracy

Confirmed – Buying Entity Accepts View Confidential Data

- The buying entity can now view the Confidential Data for the specific equipment IDs and can perform the restencil to transfer ownership in Umler
- Select 'Done' to exit from screen

View Confidential Data Access Right

Currently assigning a right to: TRAINUS1
Edit the details of the access right.

[Save](#) [Count Equipment](#) [Done](#)

Description of Access Right

Access Right ID (Assigned from Inter-company)
1063760

Description *
Sold AARX 8880-8882

Timeframe of Authority

Effective Date * 08/01/2024 Expiration Date * 12/31/9999

Range of Equipment

☐ All Equipment: SCAC(s): Initial(s): Equipment Group(s): Equipment:

☒ AARX0000008880
☒ AARX0000008881
☒ AARX0000008882

[Save](#) [Count Equipment](#) [Done](#)

View Confidential Data Access Right

✓ Inter-company access right assigned successfully.

Details

Status: Accepted
Company: AARX
Description: Sold AARX 8880-8882

Timeframe of Authority

Effective Date: 08/01/2024 Expiration Date: 12/31/9999

Range of Equipment

Equipment Types(s): Equipment:

AARX0000008880
AARX0000008881
AARX0000008882

[Assign to User](#) [Assign to Profile](#) [Relinquish](#) [Done](#)

Search User Access Rights



- To identify all users with Access Rights under your Company Mark, go to Security Management and Select **‘Search Users Access Rights’** link

A screenshot of the EMIS Security Management Module web interface. The top navigation bar includes links for Home, Query, Maintenance, Upload / Download, Account Administration, and Contact List. A dropdown menu under 'Account Administration' is open, showing 'Security Management', 'Configure Ticklers', and 'Usage Statistics'. The main content area is titled 'Security Management' and contains a welcome message: 'Welcome to the EMIS Security Management Module. What would you like to do?'. Below this, there are three main sections: 'Administer Access Rights Internal to My Company' with links for 'View My Access Rights', 'Manage Intra-Company User Access Rights', 'Manage Security Profiles', and 'Add/Remove User to/from Security Profiles'; 'Administer Access Rights Involving Other Companies' with links for 'Manage Inter-Company Access Rights / Profiles Granted by My Company', 'Manage Inter-Company Access Rights Granted to My Company', and 'Manage Inter-Company Profiles Granted to My Company'; and 'Search User Access Rights' with a link 'Search User Access Rights' highlighted by a blue arrow pointing to it from the right.

Search User Access Rights



- Umler Company Admins can select any search parameter if looking for specific information or press 'Search' to locate all users with access rights
- User the filter to narrow your search results

Search Access Rights Results

Search Criteria Search Results

Search Access Rights

Search Cancel

Results will include rights matching ALL of the following criteria.

User ID(s):

Access Right(s):

Type Of Access:

Active Inactive

Search Access Rights Results

Search Criteria Search Results

User Right/Profile ID	Name		Effective Date	Expiration Date	Last Updated Date
124801	Terry Caulfield	Contains	2018-08-22	9999-12-31	2018-08-22
951937	Terry Caulfield	Terry	2018-08-22	9999-12-31	2018-08-22
959433	Terry Caulfield	AND OR	2020-06-15	9999-12-31	2020-06-15
966507	Terry Caulfield	Contains	2020-12-10	9999-12-31	2024-06-13
966508	Terry Caulfield	Filter...	2020-12-10	9999-12-31	2024-06-13
991515	Terry Caulfield	Pool	2022-03-17	9999-12-31	2022-03-17
993540	Terry Caulfield	Inspection	2022-03-25	9999-12-31	2022-03-25
993541	Terry Caulfield	Equipment View	2022-03-25	9999-12-31	2022-03-25

Umler Company Admins – Reminders

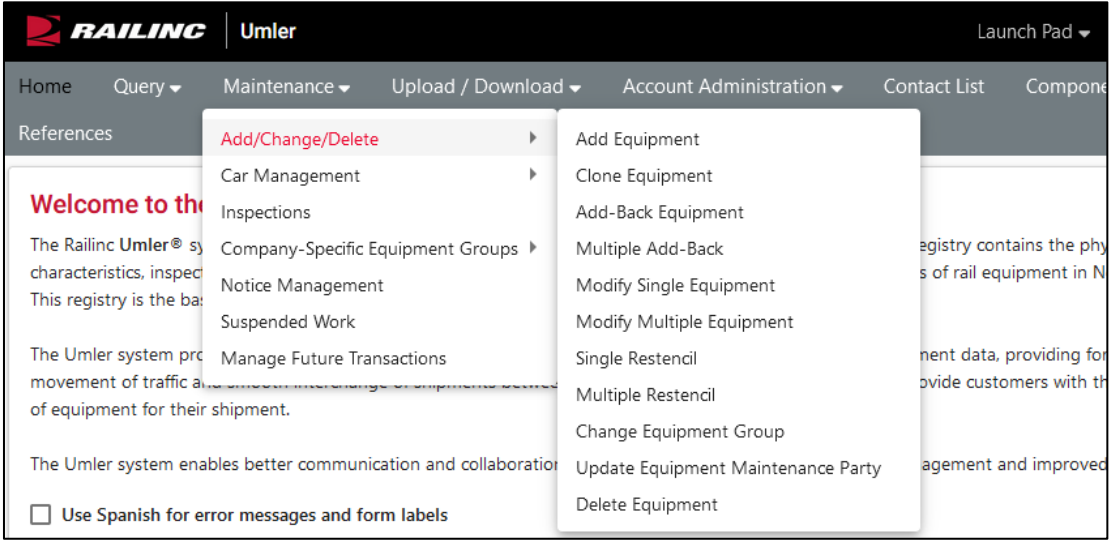


- Manage incoming Umler permission requests from Launch Pad.
- Accept/Reject Umler permissions for your Company Mark from Launch Pad.
- *Reject any permission request not applicable to the user.*
- For approved permissions granted to Umler Maintenance users, log in to Umler and go to Account Administration on the menu bar, and under Security Management, grant Equipment Access Rights and Inspection Access Rights.
- When transferring equipment ownership, grant View Confidential Data Rights to the buying entity/Company Mark.
 - To ensure visibility of equipment, Built Date, Rebuilt Date and Purchase Price.
- Manage and assign Ticklers to email addresses for Umler events and View Usage Statistics to manage queries.
- Routinely check for users that may have retired, terminated, or no longer work for your company and ensure their Umler access rights are deleted and permissions removed.
- Third-Party Agents will be required to have a valid Letter of Authorization (LOA) to view and/or maintain Umler records for specified companies.
 - LOA policy requires annual re-validation, but the validity period increased from 3 to 7 years.

Umler Access for Maintenance



- Add Equipment** Allows a user to add a new equipment unit to Umler.
- Clone Equipment** Allows a user to add single and multiple equipment units by cloning from an existing unit.
- Add-Back Equipment** Allows a user to add an equipment unit back into active status from online Umler archives.
- Modify Single Equipment** Allows a user to change elements for a single equipment unit.
- Modify Multiple Equipment** Allows a user to change selected elements for several equipment units in one editing session.
- Single Restencil** Allows a user to modify a record to reflect restenciling of the piece of equipment. Restenciling refers to the act of changing the equipment mark and number that is stenciled on the side of an equipment unit.
- Multiple Restencil** Allows a user to restencil multiple cars sequentially or following a pattern.
- Change Equipment Group** Allows a user to change an Umler Equipment Group for a single equipment unit.
- Update Equipment Maintenance Party** Allows the user to update the Equipment Maintenance Party.
- Delete Equipment** Allows a user to deactivate an Umler record, sending the record to archive.



Upload/Download



- **Umler Bulk Upload Access**

- Allows users to upload CSV formatted records:
 - Equipment Adds
 - Equipment Changes
 - Equipment Deletes
 - Report Inspections
- A confirmation email is sent to the user when the records complete processing through rule validations

The screenshot shows the 'Umler' section of the RAILINC web application. The page title is 'Upload Umler Transactions'. Below the title is an important note about CSV uploads. A list of five steps guides the user through the upload process. At the bottom, there is a 'Choose File' button, a 'No file chosen' status, and a link to 'Retrieve csv format templates'. A red arrow points to this link. On the right side, there are 'Upload' and 'Cancel' buttons.

RAILINC | Umler

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry References

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 [Retrieve csv format templates](#)

Upload Cancel

Umler Access for Query



Display Unit

Allows the user to view the entire Umler record for a specified equipment ID.

Equipment Query

Allows the user to query for equipment unit information. Provides access to saved queries.

Car Management Query

Allows the user to search for specific pools and equipment in order to view pool header and assignment data and perform edits.

Transaction Log

The transaction log provides a history of all activity (related to equipment and pool data) successfully applied to the system. This page provides a search engine that allows the user to query transaction records by various criteria such as transaction type and equipment group. The user can view the details of found transaction records.

Inspection History

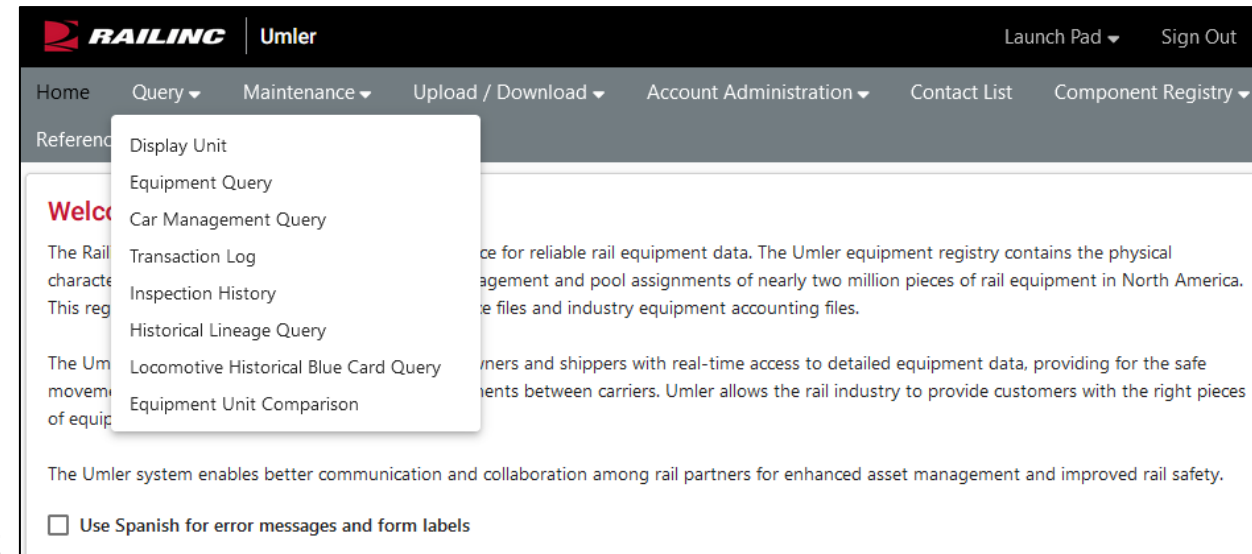
Allows a user to request inspection history of equipment or by inspection types.

Historical Lineage Query

Allows a user to request and view a lineage query for a single piece of equipment.

Equipment Unit Comparison

Allows a user to view the differences between any two pieces of equipment in the same equipment category.



Equipment Query Enhancements

- Increased Saved Queries
Prior saved query maximum – 25
New saved query maximum – 200
- New Element IDs and permissible values
- Reordered default Equipment Query Results
- Superstructure ID on Equipment Query
- Prior ID on Equipment Query
- Report email notification

Equipment Query Reports

Search Count Save Clear

Basic Customize Query Output **Saved Queries** Reports (CSV Downloads)

Enter one or more fields to search equipment information.

Results will include equipment matching ALL of the following criteria.

Equipment IDs	Pool IDs
Equipment Groups: Box Gondola Hopper Tank	Equipment Type Codes: ☒ Query by complete codes ☐ Query by partial codes
Mechanical Designations	Include equipment restricted in interchange Yes
EINs	Company-Specific Equipment Groups
Equipment Initials	Umler Owner
Umler Company	Lessee
Stenciled Mark Owner	Equipment Status: ☐ Status ☐ No Status
Superstructure Identification	Prior Equipment IDs

Basic **Customize Query Output** Saved Queries Reports (CSV Downloads)

Available Attributes

Filter attributes...

13 CP Due Date - DU42
16 CP Due Date - DU39
20 Pipe Block Due Date - DU40
21 Pipe Vent Due Date - DU43
286K Aprvd COC/FRA Waiver - B096
4-Pressure ABT Recvr Eqpd - B539
A&B Amount - A317
A&B Date Done - A319
A&B Pos/Neg Ind - A316
A&B Type - A318
ABT 5-8 Year Due Date - DU58
ABT Due Date (Repair Trk) - DU13

Selected Attributes

Filter attributes...

**Equipment Id - 0001
Status Code - USCD
Equipment Group - 0002
Mechanical Designation - UMMD
Equipment Type Code - UMET
Stenciled Mark Owner - SMOW
Owner - UMOW
Lessee - LESE
Prior Equipment ID - PRID
Pool Number - P001**

Equipment Query

- The 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.

Confidential Element Search

NOTE: Choosing to query by confidential element will limit results only to equipment the user has confidential rights for.

Element Name	Qualifier	Compare To Another Element	Element Values
pres Pressure Relief Valve CID - B360 Pressure Relief Valve Due - B245 Pressure Relief Vlv Qual - B244	Exists Select An Element Select An Element	☐ ☐ ☐	

Element Value Criteria

Element Name	Qualifier	Compare To Another Element	Element Values
B081 EPA Emissions Tier Level - B081	Equals Select An Element Select An Element	☐ ☐ ☐	X

In what format would you like your results?

Browser

Maximum Number of Results (Browser Output Only)

1000

Search

Count

Save

Clear

Customized Equipment Query



- 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

Basic Customize Query Output Saved Queries

NOTE: Selected Attributes for one query cannot be greater than 50. When selecting component elements, the multiple components for one equipment can increase your selected attribute threshold. This will cause your query to possibly lock or time-out.

Available Attributes

air

ABT Due Date (Repair Trk) - DU13
Air Brake L1 Due Date - DU28
Air Brake L2 Due Date - DU29
Air Brake L3 Due Date - DU30
Air Brake Model Number - ABMD
Air Brake Multi Hookup - A014
Air Brake Test-Air Brake Test Device - ABT-B523
Air Brake Test-Inspection Date Done - ABT-DTDN
Air Brake Test-Inspection Performer - ABT-PERF
Air Brake Test-Inspection Reporter - ABT-REPT
Air Brake Test-Location/SPLC - ABT-SPLC
Air Condition Equipped - A017

Selected Attributes

Equipment Id - 0001
Pool Number - P001
Equipment Group - 0002
Equipment Type Code - UMET
Mechanical Designation - UMMD
Stenciled Mark Owner - SMOW
Lessee - LESE
Status Code - USCD
Owner - UMOW

Basic Customize Query Output Saved Queries

NOTE: Selected Attributes for one query cannot be greater than 50. When selecting component elements, the multiple components for one equipment can increase your selected attribute threshold. This will cause your query to possibly lock or time-out.

Available Attributes

air

ABT Due Date (Repair Trk) - DU13
Air Brake L1 Due Date - DU28
Air Brake L2 Due Date - DU29
Air Brake L3 Due Date - DU30
Air Brake Model Number - ABMD
Air Brake Multi Hookup - A014
Air Brake Test-Inspection Date Done - ABT-DTDN
Air Brake Test-Inspection Performer - ABT-PERF
Air Brake Test-Inspection Reporter - ABT-REPT
Air Brake Test-Location/SPLC - ABT-SPLC
Air Condition Equipped - A017
Air Dryer Equipped - AIRD

Selected Attributes

Equipment Id - 0001
Pool Number - P001
Equipment Group - 0002
Equipment Type Code - UMET
Mechanical Designation - UMMD
Stenciled Mark Owner - SMOW
Lessee - LESE
Status Code - USCD
Owner - UMOW
Air Brake Test-Air Brake Test Device - ABT-B523

Transaction Log Query

- Guidance has been added for users on searching by all dates versus selected dates
 - If searching by Equipment IDs:
 - Use 'Search All Dates' Guidance
 - Faster and more efficient search
 - If searching by Element Values:
 - Use 'Search Specific Dates'
 - Faster and more efficient search

A screenshot of the RAILINC web application's 'Search Transaction Log' page. The page has a dark header with the RAILINC logo and navigation links like 'Umler', 'RAIL Launch Pad', and 'Sign Out'. Below the header is a navigation bar with links for 'Query', 'Maintenance', 'Upload / Download', 'Railinc Admin Functions', 'Account Administration', 'Contact List', 'Component Registry', and 'References'. The main content area is titled 'Search Transaction Log' and includes a 'Reports' link with a red arrow pointing to it. A text prompt asks the user to 'Enter the starting and ending date/time to display transactions that fall between the date range.' Below this are 'Search', 'Count', and 'Clear' buttons. A section titled 'In what format would you like your results?' shows a dropdown menu set to 'Browser(Summary)' and a 'Maximum Number of Results (Browser Output Only)' set to '1000'. Another section titled 'Results will include transactions matching ALL of the following criteria' contains a red-bordered box with the text '* At least one input is required:'. Inside this box, there are two radio buttons: 'Search All Dates' (which is selected and has a red arrow pointing to it) and 'Search Specific Dates'. A tooltip next to the 'Search All Dates' button says 'This selection will yield fastest results'. Below the radio buttons are input fields for 'Equipment ID(s)' and 'Company-Specific Equipment Group(s)', each with a search icon.

Umler Advanced Query Access

- **Umler Advanced Query Access** allows users the ability to download data from Umler
- Change output drop-down menu from Browser to CSV

Equipment Query

Search Count Save Clear

Basic Customize Query Output Saved Queries

Enter one or more fields to search equipment information.

Query Results are limited to 50 attributes per equipment record. If you require more attributes or have more complex data requirements, please email csc@railinc.com with the details of your request and Railinc can assist you with your data needs.

Results will include equipment matching ALL of the following criteria.

Equipment IDs	Pool IDs
Equipment Groups: - Box - Gondola - Hopper - Tank	Equipment Type Codes: ☒ Query by complete codes ☐ Query by partial codes
Mechanical Designations	☒ Include equipment restricted in interchange
EINs	Company-Specific Equipment Groups
Equipment Initials	Umler Owner
Umler Company	Lessee
Stenciled Mark Owner	Equipment Status: ☐ Status ☐ No Status

In what format would you like your results?

CSV Maximum Number of Results (Browser Output Only) 1000

Search Count Save Clear

Component Maintenance Access

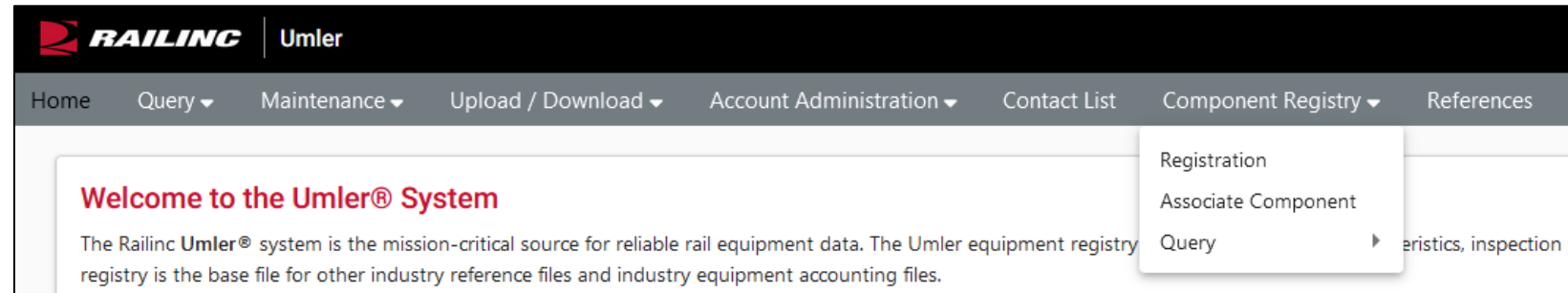


- **Component Maintenance Access**

allows users access to the Component Registry menu:

- Registration
- Associate Component
- Query

- Users must also have **Umler Access for Maintenance** and Access Rights to associate components to equipment





Open Findus.rail for Industry Contact Information

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

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:

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

To search for contacts at other companies [click here](#)

Equipment

Single Equipment Search

Search

[Equipment units in conflict: 711](#)
[Download Equipment in Conflict](#)
[Equipment with component ID conflicts: 9](#)
[Equipment Validation Requests: 16](#)

Conflict Management



- On the Umler homepage, the conflict management links appear on the lower right side of page:
 - Equipment units in conflict**
 - Download Equipment in Conflict**
 - Equipment with component ID conflicts**
- Monthly emails will be sent to the Umler contact in FindUs.Rail
- Conflicts not addressed may result in cars being restricted at interchange
- Select 'Download Equipment in Conflict'
 - It will automatically download to your computer
 - All the errors for each equipment unit in conflict can be downloaded

Equipment

Single Equipment Search

Equipment units in conflict: 711

[Download Equipment in Conflict](#)

Equipment with component ID conflicts: 9

Equipment Validation Requests: 6

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Equipment	Id	"Status Code"	"Element Name"	"Element ID"	"Element Value"	"Component Type"	"Component ID"	"Component Location"	"Parent Component ID"	"Parent Cor				
2	AARX0000005555	"A"	"Non-Compliant Wheelsets"	"B544"	"Y"	"E"	"BASE"	"1"	"0000102049"	"A wheelset Component ID is required for each applicable location on equip					
3	AARX0000008880	"I"	"Load Limit"	"LDLT"	"80000"	"E"	"BASE"	"1"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status must be reported as A					
4	AARX0000008880	"I"	"Non-Compliant Wheelsets"	"B544"	"Y"	"E"	"BASE"	"1"	"0000102049"	"A wheelset Component ID is required for each applicable location on equipr					
5	AARX0000008880	"I"	"Journal Size"	"A147"	"E"	"E"	"TRUCK"	"A"	"TRUCKSYS"	"A"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status must be rep			
6	AARX0000008880	"I"	"Journal Size"	"A147"	"E"	"E"	"TRUCK"	"B"	"TRUCKSYS"	"B"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status must be rep			
7	AARX0000008880	"I"	"Weighing Status"	"A289"	"E"	"E"	"BASE"	"1"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status must be reported as					
8	AARX0000008880	"I"	"Tare Weight"	"A259"	"80000"	"E"	"BASE"	"1"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status must be reported as					
9	AARX0000008880	"I"	"Gross Rail Load/Gross Weight"	"A266"	"160000"	"E"	"BASE"	"1"	"0000102429"	"When Status Code changes to Active or Inactive Weighing Status m					
10															
11															

Conflict Management

- **Equipment with Component ID Conflicts**
 - Component ID conflicts will not restrict cars at the interchange
 - Click ‘Equipment with Component ID Conflicts’ link to view all cars



Equipment

Single Equipment Search Search

Equipment units in conflict: 711

[Download Equipment in Conflict](#)

Equipment with component ID conflicts: 9

Equipment Validation Requests: 6

Equipment Query Results

Search Criteria Search Results

Select one or more equipment IDs, and an action, for pool management/equipment management. You may a 9 matches found. 9 available for display. 9 matches displayed on this page.

☐	Equipment Id	Pool Number	Equipment Group	Equipment Type Co
☐	RAIL 928	0000000	GOND	E142
☐	RAIL 6109	0000000	BOXC	A403
☐	RAIL 6116	0000000	BOXC	A403
☐	RAIL 6124	0000000	BOXC	A403
☐	RAIL 6127	0000000	BOXC	A403

Conflict Management



Display Unit

Search

Search Result

Equipment is in conflict, click to view.

←

Modify Equipment

Cancel

✖ Collapse All

✔ Expand All

Equipment ID: RAIL0000000928

Equipment Group: GOND

Stenciled Mark Owner: RAIL

Show database values: ☐

Flat View: ☐

[Equip PDF](#) [Equipment Health View](#)

[General](#) [Weight](#) [Dimension](#) [Door](#) [Specification](#) [Feature](#) [Cost](#) [Car Management](#) [Train Service](#) [Truck Components](#) [Draft System Components](#) [Unit Segment Components](#) [Brake System Components](#) [Miscellaneous](#) [Inspection](#)

[Default Presentation Group](#)

EMERVALVE Emergency Brake Valve LOCATION 1				
Element Name	ID	Flag	Value	Conflict
Emergency Brake Valve CID	B354		RAIL0000000500	Component ID is associated to more than one Location on the car.
Emergency Valve COTS Date	B567		0615	
Emerg Valve OEM Warr Date	B568			
Emerg Valve Part Number	B569		12	
Component ID	Name	Location	Error	
EMERVALVE Emergency Brake Valve LOCATION 2				
Element Name	ID	Flag	Value	Conflict
Emergency Brake Valve CID	B354		RAIL0000000500	Component ID is associated to more than one Location on the car.

Umler User Guide and Data Specification Manual



- Use links to access Umler User Guide and Umler DSM
- Umler Training Resources and Tools are available

Welcome to the Umler® System

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- Umler User Guide
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- 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

RAILINC Umler

Home Query Maintenance Upload / Download Railinc Admin Functions Account Administration Contact List Component Registry References

References

Info Conflict Status	B355		
Conflict Status	B050	■	
Date of Original Conflict	B063		
Next Conflict Status	B135		
Notice Indicator	B137		
Conflict Status Next Date	B062		
Rate Indicator	A070	■	2 - Private M
Private Zero Rate	B150	■	
First Movement Date	USAT		07/09/2018

B150_TANK

Private Zero Rate for Tank Cars (General) ■

Indicates a private car is subject to contractual agreement, nullifying mileage rates Affects Rating.

Permissible Values for B150

Y Yes

NOTES:

- Reporting "Y" generates Rate Indicator (A070) value 6 and a zero rate.

Legal Notices | Terms of Use | Umler Reference Materials

References – Access Additional Umler Resources



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Home > Products & Services > The Umler® System

The Umler® System

Umler® is the source of critical data for more than two million pieces of North American rail, steamship, and highway equipment.

The Umler system provides secure access for equipment management and reporting tools, helping equipment owners provide high-quality data to logistics partners and customers.

The system identifies internal and external dimensions, capacities, weight information, and other specific characteristics of freight cars—as well as intermodal trailers and containers. It also serves as the base file for other standard industry equipment reference and management systems.

Railroads, equipment owners, agents, shippers, ports, suppliers, industry consultants, government agencies, and railcar service providers use Umler for the safe and efficient placement, movement, and interchange of railcars.

Umler also includes these enhanced functions:

- **Umler Change Request Form:** Provide details for all Umler system changes, including new elements, permissible values and business rules. Complete the form and email it to csc@railinc.com.
- **Component Registry:** Register certain railcar components and associate them with equipment for greater visibility into equipment health.
- **Conflict Management:** Identify equipment records in conflict, with supporting processes to resolve issues. Error messages identify changes that must be made to correct invalid equipment data.
- **Equipment Cloning:** Create single or multiple equipment records using an existing railcar as a template. Minimal changes reduce the time required to build new fleets in Umler.
- **Equipment Lineage:** Track ownership and equipment changes throughout its history, including inspections and equipment modifications.

Related Support Documents

- Umler User Guide
- Umler Data Specifications Manual
- Umler Web Services User Guide
- Umler FAQs
- Railinc SSO Admin User Guide
- Umler TRAIN Messaging Specifications
- TRAIN II User Guide
- Locomotive Inspection and Repair Report
- Umler Restencil Request to Transfer Equipment Form
- Umler CSV Upload Specifications
- Umler Components Diagram
- Access SSO, Railinc and TransmetriQ Applications Quick Guide
- Umler Messaging Access Rights Guide

Umler Demos

Railinc has developed specific task-related demos to help you learn the core functions of the Umler® system. Each demo takes approximately three to five minutes to view. For additional assistance with these tasks, consult the [Umler Quick Guides](#) and the [Umler User Guide](#).

Be sure to turn on/up your speakers to hear the demos.

Umler® Introduction

- Umler: Introduction
- Umler: Access Overview
- Umler: Security Overview
- Umler: Data Quality Overview

Help

Search or explore content for help and tips.

Search or ask a question

- Umler Product Page
- Umler User Guide
- Umler Web Services User Guide
- Umler FAQs
- Umler Data Specs Manual
- Umler TRAIN Messaging Specs Manual
- Umler Videos
- Umler Quick Guides

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Additional Umler Services



- Umler Web Services*
- Component Tracking Web Services*
- Umler Special Reports*

** Additional fees apply, refer to Railinc Price List*

Umler Fleet Services and Products for Most Car Owners



- **Car Repair Billing System** (CRBXEX00) – Billed once a year *Subscription Only. Based on all equipment EXCEPT locomotives, trailers, chassis, containers, and end-of-train devices registered in Umler under Stenciled Mark Owner.*
- **Damaged Defective Car Tracking** (DDCT00) – Billed once a year *Based on all equipment EXCEPT locomotives, trailers, chassis, containers, and end-of-train devices registered in Umler under Stenciled Mark Owner.*
- **Equipment Health Management System Registration** (EHMSFEE) – Billed once a year *Based on all equipment EXCEPT trailers, chassis, containers, and end-of-devices registered in Umler under Stenciled Mark Owner.*
- **Early Warning** (UMEWARN01) – Billed once a year *Based on all equipment EXCEPT locomotives, trailers, chassis, containers, and end-of-train devices registered in Umler under Stenciled Mark Owner.*
- **Umler Semi- Annual Registration** (UMMBLRP10 & UMMBLRP30) – Billed twice a year. (*Current registration of 1-81 cars = \$100 = UMMBLRP10. Current registration of 82 or more cars = \$1.00 each = UMMBLRP30*)
- **Car Service/Car Hire** (CARSERHIR) - Billed twice a year. Car Hire for *railroad* marked cars is governed by the AAR Circular OT-10 Code of Car Hire Rules and Interpretations Freight.
- **Tank Car Services*** (TANKTCID, TANKCREG) - Billed twice a year. Based on tank cars registered in Umler under Stenciled Mark Owner. TCID- Tank Car Integrated Database. CREG- Tank Car Component Registry- Pressure Relief Valves.

**Refer to Railinc Price List for applicable fees*

Umler Equipment Registration Billing Reminders



- **Umler Semi-Annual Registration Billing** – *Refer to Railinc Price List*
 - Equipment Registration by Stenciled Mark Owner
- **Umler / AAR Tech User Semi-Annual Billing** – *Refer to Office Manual of AAR Interchange Rules, Appendix E for further details.*
 - Equipment Registration by Umler Owner
- Equipment registered in Umler is subject to a per-car registration fee.
- Umler Semi-Annual Registration fees are billed in February and August.
- Railinc administers the Umler / AAR Technical User Fees and Intermodal User Fees on behalf of the AAR, based on certain equipment registered in Umler.
- Umler/AAR Tech User fees are billed in January and July.
- Delete equipment (inactive) if no longer needed in Umler before January 1 and/or July 1 of each year.
- **It is the responsibility of each owner or agent to maintain the accuracy of their fleets.**

What's Upcoming for Umler



- Umler Value Expansion Project Release – May 14th
- Umler Q2 Release – June 11th
- Umler Value Expansion Project Release – 2026

Questions?

Railinc Customer Success Center

csc@railinc.com

877-724-5462



Railinc Keeps You Moving.

Tracy Brewer

Phone: 1-877-RAILINC

Email: csc@railinc.com

