



Go-live date: August 31, 2009

## OVERVIEW

For more than 40 years, legacy UMLER has been the official, mission-critical source for reliable rail equipment information. The new Umler™ system technology is a major leap forward, delivered in a dynamic and easy-to-use, Web-based application with optional computer-to-computer integration. Rail carriers, equipment owners and shippers will now have real-time access to more detailed equipment information, enhanced features and greater system functionality. The result is better communication and collaboration among rail partners for better asset management and improved rail safety. The new Umler system goes live on August 31, 2009.

## LOOK INSIDE THE NEW UMLER SYSTEM

The new Umler system provides secure access to equipment management and reporting tools, helping equipment owners provide high-quality data to logistics partners and customers. It also includes these enhanced functions:

- **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.
- **Restencil Support.** Create a new equipment record from a prior equipment registration. Support is provided for single Restencil or multiple Restencil to enable change of ownership for entire fleets.
- **Equipment Lineage.** Track ownership and equipment changes throughout its history, including inspections and equipment modifications.
- **Equipment Status.** Track Active, Inactive and Pre-registered rail assets to get accurate fleet size and makeup.
- **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.
- **Notice Management and Ticklers.** Alerts and logs help users stay on top of equipment changes and issues.

## Umler™ System Benefits

- Access** The Umler system provides real-time updates via the Web or enhanced "Train II" computer-to-computer electronic messaging. This gives customers the scalability to process their work. Railinc also offers XML and Web services, enabling customers to integrate applications directly with Railinc's databases, reducing development and maintenance costs.
- Security** Equipment-level security gives users greater control over access to equipment and the display of confidential information. Transaction logs also ensure that changes can be easily audited.
- Data Quality** High data standards are built into the system through extensive, interactive data validation and pro-active conflict resolution. High-quality data reduces expensive, delay-causing errors to ensure safe and reliable operations.
- Real-Time Updating** All transactions are processed immediately upon receipt. Changes made in the Umler system are communicated instantly to the industry, reducing delays and related costs.

- **System-Generated Elements.** Important information delivered to users, such as:
  - > Automatically-generated Equipment Type Codes
  - > End-of-Service Date Generation
- **Query Data.** Reporting capabilities are enhanced to provide immediate online reports, including:
  - > Self-service data query tools
  - > Develop custom reports with Advanced Query
- **Statistics and Analysis Services.** Railinc continues to offer data analysis services to equipment owners utilizing the expanded capabilities of our new Umler system. For more information, please contact Railinc customer support with your requests.



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### UMLER SYSTEM TRAINING OPPORTUNITIES

Railinc provides a complete curriculum of training courses to help equipment owners and their agents learn how to effectively use the new Umler system. The training plan demonstrates critical system functionality, from entering and modifying equipment to account administration and security. It includes the following activities:

- 1. Railinc sponsored Webinars.** A series of four live Webinars will be conducted by Railinc's Umler experts before the go-live date of August 31, 2009. Recordings of the live events will be made available on the Railinc Website after each event.
- 2. Online Web demos.** These Web demos, hosted on the Railinc Website, demonstrate how to perform critical activities in the Umler system.
- 3. The Umler system sandbox.** The sandbox gives you the chance to play and practice critical Umler tasks without being penalized for making mistakes.

Railinc will also offer town hall meetings with Umler staff to help explain the new system's capabilities and benefits. Visit the Railinc Website at [www.railinc.com/umler](http://www.railinc.com/umler) for training information and a complete schedule of training events.

### DIRECT CONNECT TO RAILINC USING WEB SERVICES

Please contact Railinc customer support, if you are interested in using Web Services to integrate Umler data with your in-house applications.

#### Special Note:

#### Query 87 Users

Query 87, types 19, 20 and 22 will be retired and replaced with the new Umler system.

- Query 87, types 19, 20 and 22 via Steel Roads, is being replaced with the robust, Umler on-line query system. Users of the SteelRoads query will be re-directed to the new Umler system for their data needs.
- Query 87, Types 19, 20 and 22 via FTP, is being replaced with a Web Services query, using XML schemas as the message format. This new query is far more dynamic, and allows for instantaneous query. Polling FTP mailboxes will no longer be required.

Railinc will support the existing Query 87 type 19 and 22 via FTP throughout 2009 while companies migrate to the new system. If companies are not able to complete their migration by 2010, Railinc plans to offer conversion services back to Query 87 formats on a fee basis.

### CONTACT RAILINC

To learn more about the new Umler system call Railinc customer support toll free at (877) 724-5462 or e-mail at [csc@railinc.com](mailto:csc@railinc.com). You may also visit the Railinc Website at [www.railinc.com/umler](http://www.railinc.com/umler).

### Umler by Railinc

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