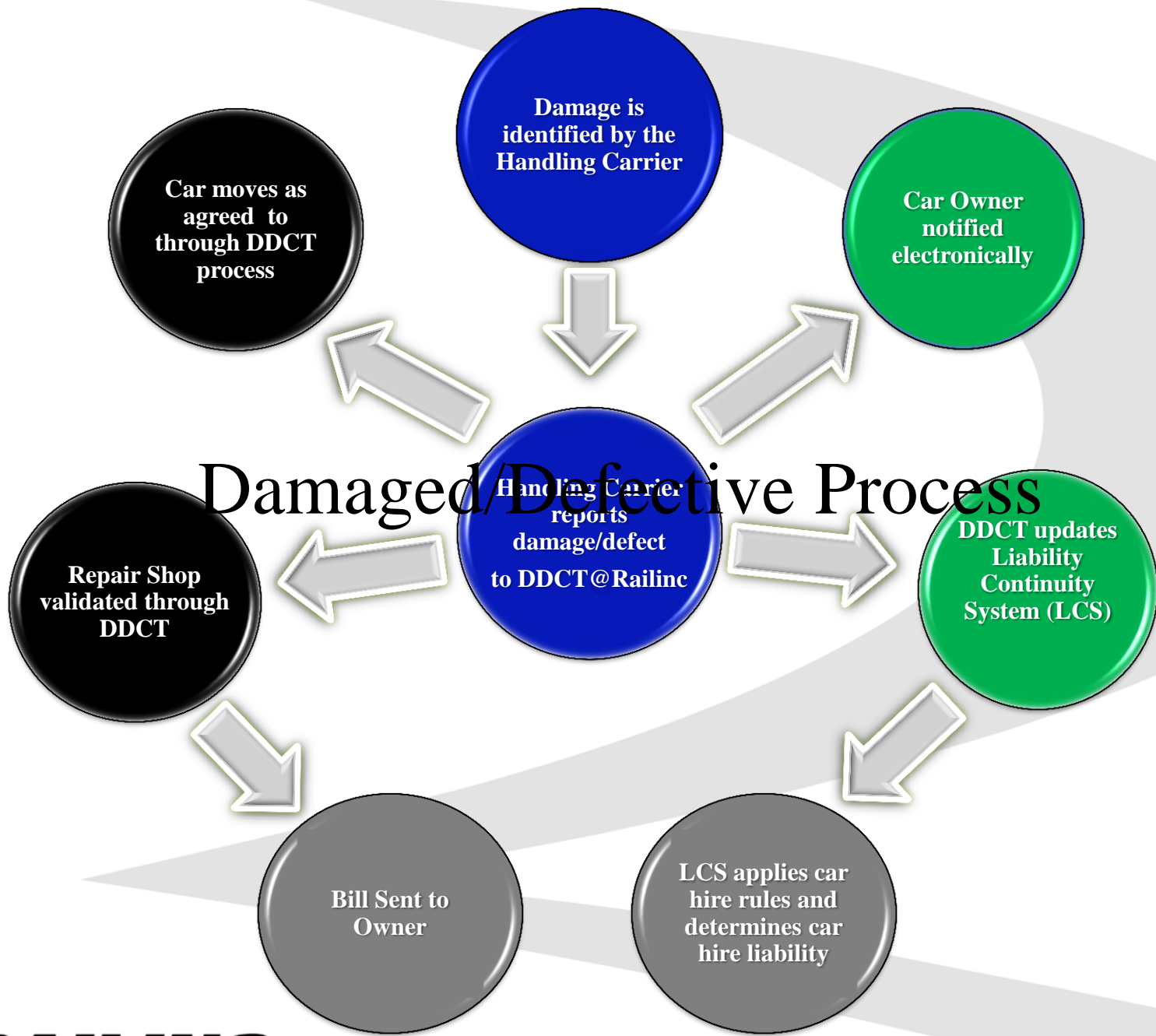# Damaged and Defective Car Tracking System (DDCT)

Agenda

- Overview of the DDCT System Process
- DDCT Benefits
- Special Events in DDCT
- The DDCT Incident Lifecycle
- DDCT Functionality
- Dispo Location Prerequisites (FindUs.Rail)
- New Initiatives in 2012

DDCT Overview

DDCT Overview

- The Damaged and Defective Car Tracking System was requested jointly by ARB and EAC Committees to serve as a centralized system to track damaged and defective cars under AAR Interchange rules and Car Hire rules

- Railroads, Car Owners and Disposition Location Entities are required, per AAR Rule 115, to utilize DDCT.

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Damaged/Defective Process

- Damage is identified by the Handling Carrier
- Car Owner notified electronically
- Car moves as agreed to through DDCT process
- Handling Carrier reports damage/defect to DDCT@Railinc
- DDCT updates Liability Continuity System (LCS)
- Repair Shop validated through DDCT
- LCS applies car hire rules and determines car hire liability
- Bill Sent to Owner

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DDCT Benefits

Accessibility

Data Quality

Efficiency

Security

Accessibility

- Centralized source for incident tracking

- Increased visibility of damaged and defective cars

- Electronic Defect Cards

- Multiple methods available to access DDCT
  - DDCT Web UI
  - Web Service Request
  - Mobile App Request
  - Combination of any of the above

Data Quality

- Standardized Process
- Data edits reduce errors and data conflict
- Integrates with other Railinc systems:
    - Umler™, Industry Reference Files (IRFs), Event Repository
- Reduction in payable & receivable claims
- Historical records of the incidents and their resolution

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Efficiency

- Update incident information real-time
- Receive Estimated DV upon incident creation
- Automated car-hire process eliminates reclaims
- Elimination of installation and maintenance of defect card brackets
- Web services to integrate with the Railinc DDCT system

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Security

- Single Sign On (SSO)
  - Company specific permissions
    - Role specific permissions

- Possession check
  - Cannot create an incident without possession

- Estimated DV is accessible only when creating an incident
  - Car Mark Owner is notified when EDV is requested

Special Events in DDCT

New Terminology

- "Paperless Defect Card"
  - The replacement of the defect card in DDCT
  - It is tied to a car on an incident
  - It stays with the car/incident until the incident is closed

New Terminology - Actors

- "Handling Carriers"
  - Railroads that create DDCT incidents and handle cars with DDCT incidents
  - Sometimes called "originating carrier" if referring only to the road that created an incident
- "Car Mark Owners"
  - The stencil mark owners of a car on an incident
- "Shops"
  - Any repair facility that makes repairs to a car on a DDCT Incident

Notifications

- Email
    - Sent to entities registered in FindUs.Rail
    - Notifications are sent for any major event in DDCT
    - Can be group emails - Customized through FindUs.Rail
- MQ
    - Sent to companies to automate incident information with their internal systems
- Companies determine their preference

Car Hire Implications

- Car Hire calculated when car has incident opened in DDCT

- LCS is updated with key events from DDCT

- Precautions to handle normal LCS processing:
  - L/E/L – Appears car is in Revenue Service
    - Interchanged to Current Handling Carrier
    - Normal LCS Processing Resumes
  - Car Removed from Incident
    - Interchanged to Current Handling Carrier
    - Normal LCS Processing Resumes

Early Warning

- When DDCT Incidents are created, the cars are added to a Maintenance Advisory letter in the Early Warning System

- Each Rule number has a dedicated MA letter number
  - Rule 1: MA-124
  - Rule 95: MA-125
  - Rule 107: MA-127
  - Rule 108: MA-128

- Cars are removed from the letter at the end of the incident lifecycle

DDCT Incident Lifecycle

High Level DDCT Mechanical Process Flow
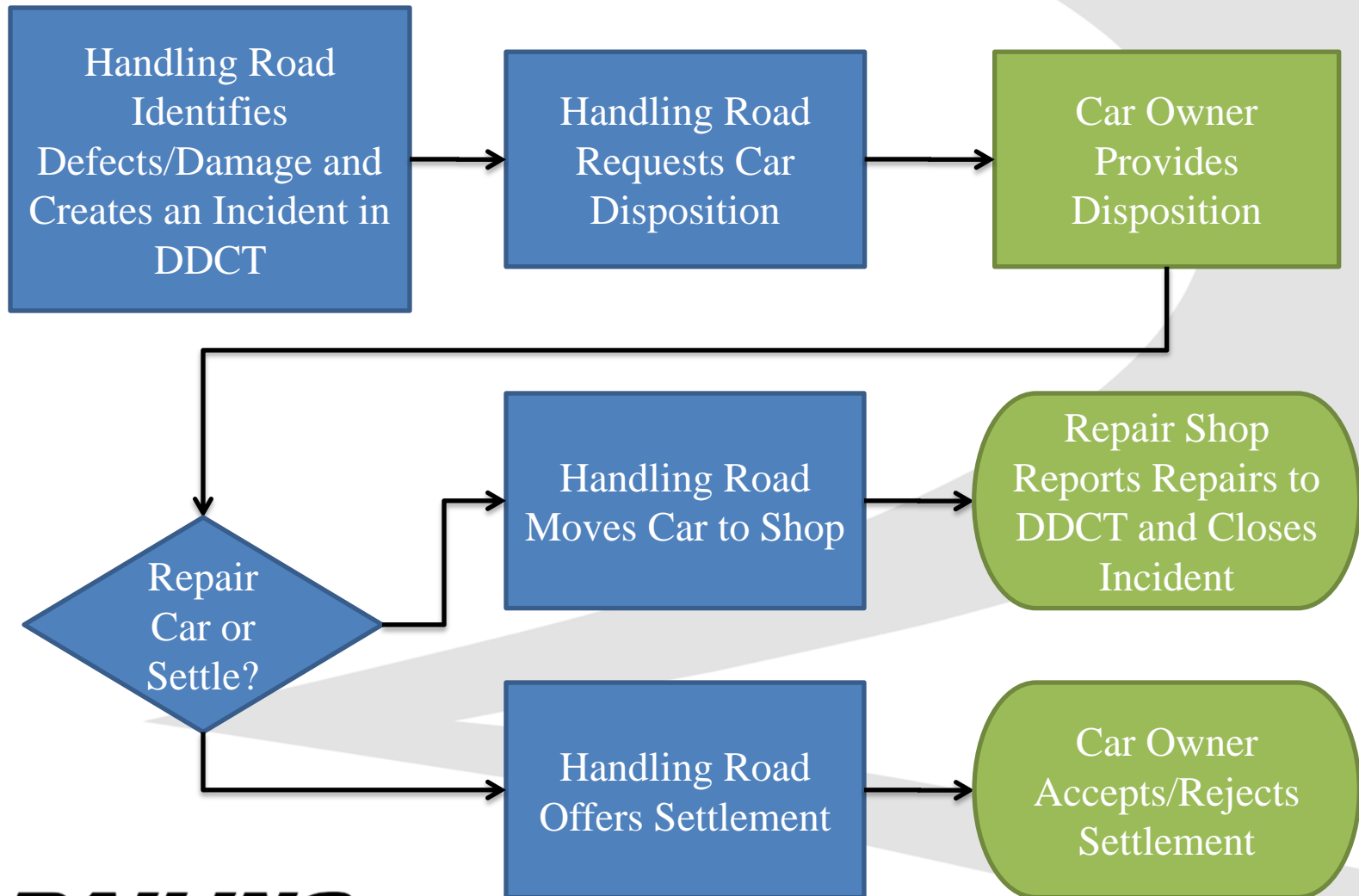
Damaged Incident Carrier Responsibility	Defective Incident Car Owner Responsibility
Rule 107 – Major Damage • Car Hire Implications • Settlements can be offered • Dispositions made • Defect Cards are created	**Rule 108 – Major Defects** • Car Hire Implications • Dismantle can be authorized • Dispositions made • Load up can be authorized
Rule 95 – Minor Damage •Defect Cards are created	**Rule 1 – Minor Defects** • Car Hire Implications • Dispositions made
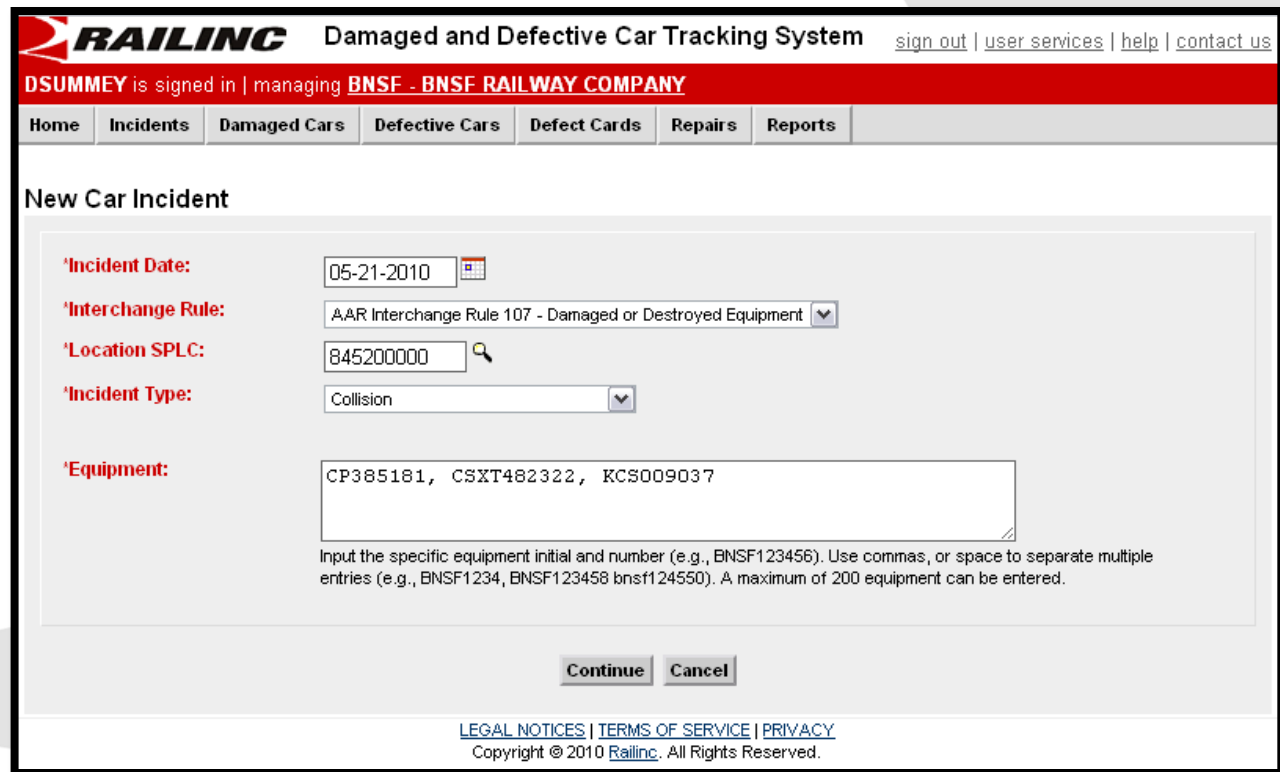
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DDCT Functionality

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DDCT Railroad Functionality

Railroads can

- Report and document damage

- Provide incident details

- Receive estimated depreciation for cars involved in an incident

- Request Actual DV & Dispo

- Handle settlements

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DDCT Car Owner Functionality

Car owners can

- Manage data on car condition, repairs and location

- Receive detailed information on damage to car

- Provide Actual DV and disposition

- Accept or reject settlement offers

- Make decisions about repairing or scrapping equipment

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DDCT Shop Functionality

Repair shops can

- Receive information on car arrival, condition and needed repairs

- Maintain an inventory of cars on site

- Update car owners on the status of repairs

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Disposition Location Prerequisites

FindUs.Rail

FindUs.Rail

- Register at FindUs.Rail. This is **required** for DDCT by industry regulations

FindUs.Rail – RR and Car Owners

Required for car owners and railroads

FindUs.Rail – Shops

Required for shops

Car owner **cannot** dispo a car to a location that is not in FindUs. Rail

FindUs.Rail – Shops

FindUs.Rail

- Contact information is **<u>required</u>** for DDCT by industry regulations

- DDCT Category
  - Required for Car Owners & Railroads

- Shop Category
  - Required for Repair Shops
  - SPLC Required for each Shop location

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ABOUT RAILINC | PRODUCTS & SERVICES | COLLABORATION | REFERENCE FILES

PRODUCTS & SERVICES

Products and Services Overview

Car Accounting

Damage Prevention and Loading Services

Equipment Health
- DDCT System
  - Get Ready for DDCT
  - DDCT Capabilities
  - DDCT Training
  - Event Schedule
- EHMS Presentations

Equipment Repair

Financial Data Exchanges

Mergers and Acquisitions

Messaging

Publications

Railroad Clearinghouse

Reference Files

Tracing Products

Products & Services » Equipment Health » DDCT System

DDCT System Industry Project Overview

For decades, railroads, car owners and repair shops each maintained their own manual processes for tracking, identifying and repairing damaged and defective cars. Because there was no standardized system, data retrieval could be time-consuming and complicated, and information was often unreliable.

The new Damaged Defective Car Tracking (DDCT) system automates this manual process through an easy-to-use, centralized web-based application. Now users have real-time access to information through a single standardized source. And users can easily update, retrieve and share information in a timely manner. The result is better communication and collaboration among rail partners for better equipment management, improved rail safety and reduced administrative costs.

The new DDCT system, developed by Railinc, goes live in January 2011.

DDCT Project Resources Now Available

This website will provide training background materials, event schedules, training resources and user guides to help your organization get ready for the new system. Information will be posted as it becomes available. Use the menu below to navigate to important DDCT resources.

DDCT Resource Pages
- Get Ready for DDCT
- DDCT System Capabilities
- DDCT Training Information
- Event Schedule

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Products and Services Overview

Car Accounting

Damage Prevention and Loading Services

Equipment Health
- **DDCT System**
  - **Get Ready for DDCT**
  - **DDCT Capabilities**
  - **DDCT Training**
    - **DDCT Webinars**
  - **Event Schedule**
- **Real-Time Asset Tracking**
- **EHMS Presentations**

Equipment Repair

Financial Data Exchanges

Mergers and Acquisitions

Messaging

Publications

Railroad Clearinghouse

Reference Files

Tracing Products

Transportation Management

Products & Services » Equipment Health » DDCT System » DDCT Training » DDCT Webinars

DDCT Webinar Schedule

Railinc is offering a series of webinars to help railroads, equipment owners and repair shops prepare for the launch of the new Damaged and Defective Car Tracking (DDCT) System in January 2011. The DDCT system affects the reporting, documentation and management of damaged equipment under AAR rules 1, 95, 107 and 108.

Webinar Schedule for October 2011

Railinc is pleased to announce the October dates for its DDCT webinars. These first two webinar sessions are designed to present an overview of the DDCT system and related processes. Railinc highly recommends participating in these webinars to help prepare for the launch of the DDCT system in January 2011. Here are the webinar descriptions, times and registration links:

Introduction to DDCT: This session will cover basic information about the Damaged/Defective Car Tracking (DDCT) System to answer the following questions: what is DDCT, who will be affected by DDCT, when will DDCT will go-live and what you can do to get ready for DDCT. The dates for this webinar are:

- September 29th, 3 PM (ET), Click here to register for this webinar.
- October 1st, 11 AM (ET), Click here to register for this webinar.
- October 8th, 2 PM (ET), Click here to register for this webinar.
- October 27th, 11 AM (ET), Click here to register for this webinar.

Basic DDCT Process: This session will cover the basic process flow of the incident life cycle within DDCT, including incident creation, requesting/providing disposition, creating defect cards and shop repairs.

- October 13th, 3 PM (ET), Click here to register for this webinar.
- October 27th, 2 PM (ET), Click here to register for this webinar.

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New DDCT Initiatives in 2012

- Umler© System Information Integration with DDCT
- Interchange Bureau Functionality
- Actual DV value Functionality
- Increased Car Owner Update Capabilities
  - Increased Edit ability
  - Autoclose Functionality
  - Administrative Close/Update Functionality

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Questions?