

## EAM Enrichment

SOAR with Trapeze EAM.

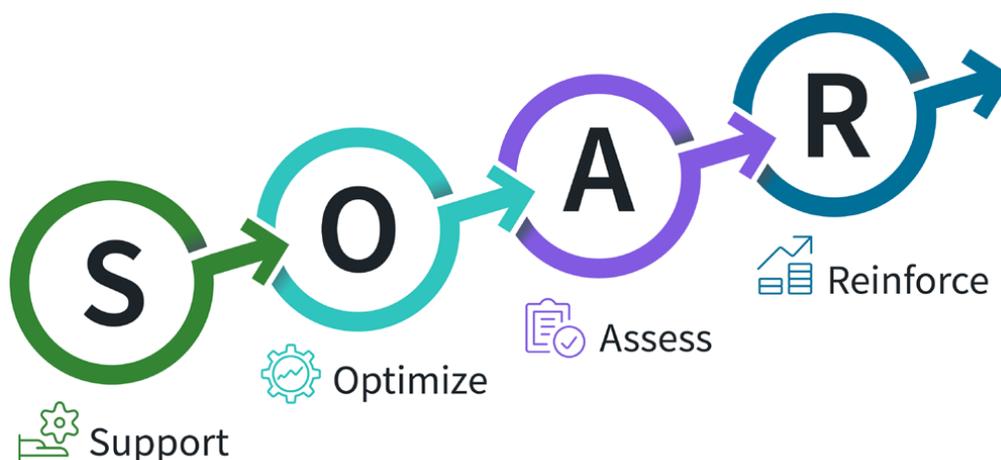
We all know the value of regular maintenance – and especially preventative maintenance for your fleet, rolling stock, facilities, and wayside assets. This same value applies to your EAM system too.

When Trapeze releases a new version of EAM, it includes dozens of enhancements and may include powerful new modules. The EAM software has evolved with each upgrade, but have your workflows evolved with these updates? Are you staying on top of industry best practices?

SOAR (**S**upport, **O**ptimize, **A**ssess, **R**einforce) is a comprehensive workflow and system review that helps you and your team enrich the value you're getting from your solution. This review will help determine the best path forward for your agency or railroad: configuration tweaks, testing support, training, or an upgrade to the latest version of EAM if you haven't chosen to maintain a regular cadence. Our EAM team will come onsite to conduct the SOAR and findings will be shared with you in an actionable report.

### SOAR provides many benefits to your organization, including:

- Increase adherence to overall performance goals
- Optimize current system configuration
- Increase quality of work and turnaround time on issue resolution
- Increase end-user confidence in leveraging EAM to support daily operations
- Take advantage of additional features
- Explore the value of add-on modules



Add-On Module/Features	Description
State of Good Repair/Capital Planning (MAP-21)	Support for FTA State of Good Repair (SGR) requirements, capital project scoping and screening, as well as asset condition taking and SGR score generation.
Asset Configuration Management	Module for managing all engineering-approved configurations (asset hierarchy, components, software/firmware versions), including the ability to trigger campaigns (work orders) to make sure all safety-critical assets are in conformance.
Mapping	EAM's module for displaying single-point and linear assets, defects, and work in maps.
Incident Management	Track the details of FTA/FRA-reportable incidents (such as delays, accidents, alarms, unusual occurrences) along with the ability to generate maintenance follow-up activities (links to work orders, service requests, etc.).
ESRI GIS Integration	Module that supports out-of-the-box integration of master assets, defects, and work data between EAM and ESRI GIS.
Illustrated Parts Catalog	EAM's work management portals offer an integrated illustrated parts catalog for viewing asset system schematics and easy part selection on work orders.
MAXQueue	Integration engine used to securely broker interface data between EAM and all external systems.
MobileFocus	Mobile asset, work and materials management applications for field worker and inventory warehouse data entry. Applications include work orders, service request/defect entry, asset condition assessment, test results, inventory cycle counts, parts issues, parts receipts, etc. Supports ruggedized handheld or tablet form factors. Works in a completely disconnected mode until network connectivity is regained.
Application Programming Interface (API)	Trapeze EAM's Application Programming Interface module is a development platform that defines the supported "building blocks" (communications protocols, subroutines) for integrating with EAM. (Subscription pricing)
Allocation and Assignment	"Quartermaster" portal for managing the requests and assignment of agency resources (tools, uniforms, etc.) to personnel, assets, divisions or operating agencies.

Telematics	Module enables EAM to accept raw, telematic data from external, real-time monitoring systems (e.g., IoT) and trigger maintenance actions based on the data.
Motor Pool/Reservations/KeyValet	Module for tracking all pool vehicles, their reservations, status and pricing. Self-service reservation portal for managing reservations via the web. Optional KeyValet hardware fully automates the solution with a secure key box.
Network Restriction/ Slow Zone	Web portal for managing rail operating restrictions (slow zones) to support cross-departmental collaboration with maintenance and transportation.
Vehicle Adapters	Module for receiving vehicle data (meter, geo-location, status, etc.) from external CAD-AVL systems.
Vehicle Inspection	Supports electronic vehicle inspections (e.g., pre- and post-trip) via mobile device (tablet or phone). Defects identified can automatically trigger either a service request or work order.
Equipment Focus	Module for managing transit facilities and other single-point assets (inspections, work orders, etc.).
Rail Operations	Provides a rail operations scheduling solution to track the routes/schedules, trains, crews and schedule adherence of each trip.
FuelFocus/EV	Fuel management system for tracking the dispensing of fuel and fluids and managing electric charging data.
Yard Management	A Real-Time Location System (RTLS) that automates the process of tracking the location of your vehicles in your yard and maintenance bays. Yard Management utilizes Ultra-Wide Band (UWB) technology that provides real-time X and Y coordinates both indoors and outdoors with an accuracy of <1M. Yard Management can integrate with your fleet management system to provide a single platform for real-time situational awareness of vehicle location, maintenance status and dispatch status enabling the ability to both track the location of vehicles and display vehicle status.
ViewPoint	Provides a management business intelligence platform for analyzing and trending EAM data according to your agency's key performance measures.

## Reach out to the EAM team

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