EAM State of Good Repair Module
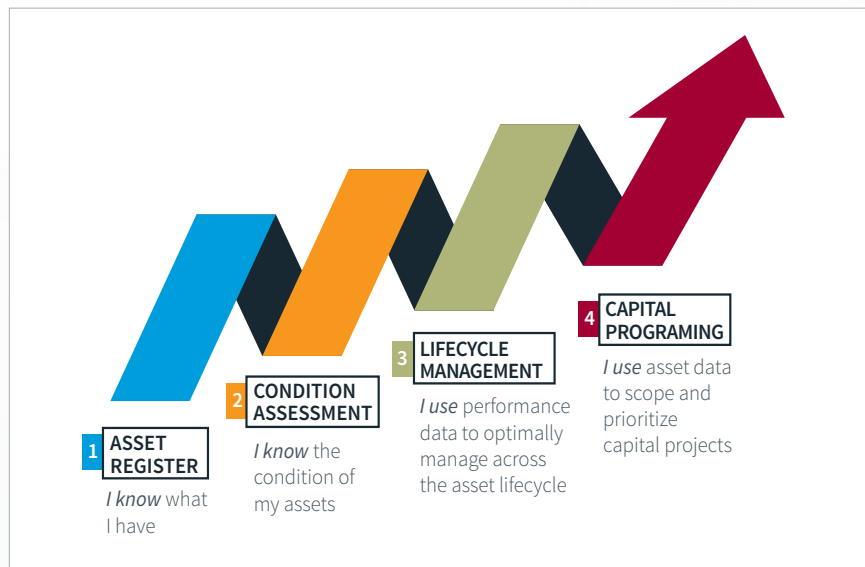
Trapeze™
Here for the journey

The Trapeze EAM State of Good Repair (SGR) module offers a single system for collecting SGR and capital project data using asset management best practice workflows and screens optimized for the transit industry.

STATE OF GOOD REPAIR MODULE

With the daily rigors of meeting service, public transit vehicles and equipment are in a constant state of change. Transit agencies are facing the mounting challenge of ensuring public safety using an increasingly large "backlog" of infrastructure that are beyond their useful life. Transit authorities are now required to track and report reliable data to federal agencies (FTA/FRA) on their infrastructure, including condition changes over time.

The FTA's national Transit Asset Management program requires agencies to track all capital assets, their conditions, and use that data to more accurately prioritize capital funding needs (rehabilitation and replacement). Given the dynamic nature of asset condition and performance data, agencies are asking: How can we effectively manage SGR data on an ongoing basis? Enter the Trapeze State of Good Repair module. Trapeze SGR supports the efficient collection of Transit Asset Management data across all infrastructure: rolling stock, facilities, linear assets, and equipment.

Asset Managers use the module to view real-time progress toward your agency's State of Good Repair goals. Asset owners/capital planners use it to organize candidate equipment replacements into capital projects and compare them against each other factoring in project priority, costs, and other factors.

1 ASSET REGISTER
I know what I have

2 CONDITION ASSESSMENT
I know the condition of my assets

3 LIFECYCLE MANAGEMENT
I use performance data to optimally manage across the asset lifecycle

4 CAPITAL PROGRAMING
I use asset data to scope and prioritize capital projects

Evolution of asset data to achieve SGR

Trapeze EAM's State of Good Repair module functionality includes:

- Track asset details, including: Asset hierarchy, safety criticality, remaining useful life, date/cost to refurbish, date/cost to replace, and condition

- Define asset inventory/condition assessment projects, to ensure ongoing upkeep of asset condition data

- Track detailed data on asset deterioration (condition rating changes) over time, based upon age-based decay curves, physical condition assessments, and performance-based condition rating scoring

- Review current SGR backlog status and capital project status in real-time, on any customer-chosen horizon (e.g. 15-year, 30-year, etc)

Trapeze SGR module makes it easy to monitor progress toward your SGR goals and to report reliable asset data to MPOs and federal regulatory agencies."

	Assets	Avg. Age	System Condition	
			Condition Score	Capital Backlog ($)
SYSTEM-WIDE	21,464		3.6	$325,820,520
+ EQUIPMENT	1,120	9 years	3.6	$22,820,520
+ FACILITIES	2,754	35 years	3.1	$42,936,310
+ INFRASTRUCTURE	17,355	12 years	2.8	$197,850,400
+ ROLLING STOCK	235	6 years	3.2	$62,213,290

Monitor real-time progress toward your SGR goals with the Asset Performance Monitoring screen through quick identification of asset classes that fall below your SGR condition rating threshold level.

CAPITAL PLANNING

The Trapeze Capital Planning portal can be used for tracking the scoping and screening (approvals) of all candidate capital projects across the maintenance divisions within your agency (rolling stock, facilities, etc). The portal allows for the detailed tracking of each project, including the justifications, benefits, budgets and schedules, along with the ability to link the specific assets to the capital projects. With a project rating/score calculator, and direct linkages to the asset performance data, this portal offers powerful support for your capital project prioritization efforts.

Developed in tandem with peer agencies and guidance from the FTA, the Trapeze SGR module makes it easy to monitor progress toward your SGR goals and to report reliable asset data to MPOs and federal regulatory agencies.

Capital Project ID:	20130802-00002	Total Budget:	$7,900,000.00
	REFURBISHMENT OF NORTH HIGHLAND RAIL PLATFORM	Total Used:	$0.00
Years:	2017 - 2018	Budget Available:	$7,900,000.00

Schedule — Edit

	2017	2018
CONCEPT DEFINITION	Jun 1 - Aug 1	
DESIGN AND ENGINEERING	Aug 1 - Nov 1	
PROCUREMENT	Oct 1 - Jan 1	
IMPLEMENTATION		Jan 1 - May 1
CLOSEOUTS		Mar 1 - Nov 1

Basic Info / More Info / Personnel / Attributes / Schedule / Funding / Assets

Track and prioritize all projects across the agency with the Capital Planning portal

> " *The Trapeze Capital Planning portal can be used for tracking the scoping and screening (approvals) of all candidate capital projects across the maintenance divisions within your agency.*"

TRAPEZE GROUP

Trapeze Group works with public transit agencies and their communities to develop and deliver smarter, more effective public transit solutions. For more than 25 years we have been Here for the Journey, evolving with our customers around the world to helping them move people from point A to Z, and everywhere in between.

info@trapezegroup.com

US +01 319 743 1000

Canada +01 905 629 8727

UK +44 0 8445 616 771

Switzerland + 41 58 911 11 11

India +91 98104 07444

Australia +617 3129 2092