

	Guideway Assets			Vehicle and equipment Assets					Facilities	Systems Assets		
	Track & Avalanche	Bridges	Docks/Slips	Locos	Pass. Railcars	Freight Railcars	Vehicles	Heavy Equipment	Facilities	Comms	Signals	IT Equip.
Asset Inventory & Information	Excel, Paper Track charts, GIS	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel, GIS	Invanti EM
Asset Configuration/ Modifications	N/A (+ 3rd party and ArcGIS, Survey123)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	N/A	N/A	N/A	Invanti EM
Asset Condition & Performance	Manual/ Excel	Manual	Reports	Excel	Excel	Excel	Excel. ARI standard reports	Excel	Excel	Manual	None	Invanti EM
Incident/ Defect Management	Manual/Event Tracker	Manual/Event Tracker	Reports	Manual/Event Tracker	Manual/Event Tracker	Data Report - JDE /Event tracker	Excel ARI standard reports	Excel/ Event Tracker	Flagstop	WebHelpDesk/Event Tracker	RailDocs/Manual/Event Tracker	IvantiSM/Flagstop
Work Management/ Work Orders	Manual	Manual	Manual - Bridge work JDE - Facilities	JDE	JDE	JDE	JDE- hyrails only	JDE	JDE	WebHelpDesk	RailDocs/Manual	IvantiSM/Flagstop
Materials/ Inventory Management	JDE	JDE	JDE	JDE	JDE	JDE	JDE - hyrails only	JDE	JDE	JDE/ Manual in Comm warehouse	JDE	Invanti EM
Purchasing & Receiving	JDE	JDE	JDE	JDE	JDE	JDE	JDE - hyrails only	JDE	JDE	JDE	JDE	JDE
Capital Program/ Projects	Manual/ Excel	Manual/Excel	Manual/ Excel	Manual/Excel	Manual/Excel	Manual/Excel	Manual/ Excel	Manual/ Excel	Manual/ Excel	Manual/Excel	Manual/Excel	Flagstop to manage, Manual/ Excel to request
Reporting & Analysis/Internal	Manual	Excel	None	Manual	Manual	Manual	Manual	Manual	JDE/Excel	PRTG	Manual	Invanti EM, Ivanti SM/Flagstop
Reporting & Analysis/FTA	Manual	Excel	None	Manual	Manual	Manual	Manual	Manual	Manual	Manual ?	Manual	N/A
Reporting & Analysis/FRA	Manual	Excel	None	Manual	Manual	Manual	Manual	None	None	RailDocs/Manual	Manual/ RailDocs	N/A

The table below visually depicts the systems and tools AARC currently utilizes to manage their assets and perform maintenance management activities.

The areas highlighted in orange indicate that Asset Management is supported via stand-alone tools mainly in MS Excel, manual or paper-based processes

Areas highlighted in green indicate that either JD Edwards (JDE) or another Commercial Off the Shelf (COTS) solution has been configured and implemented in some fashion. JDE is ARRC's Enterprise Resource Planning (ERP) system of record. It manages all of ARRC's business and financial processes, purchasing, human resources, and payroll. It has also been extended to provide some work management and inventory management tools to a number of departments. Other COTS tools include LanDesk, WebHelpDesk, Flagstop, RailDocs, ArcGIS, and Survey123. These tools are summarized in the sections below

Areas in red indicate that there are no tools currently in use to manage asset management processes, and the non-highlighted areas indicate that the management functions for that particular process are not applicable