

	Guideway Assets			Vehi	
	Track & Avalanche	Bridges	Docks/Slips	Locos	Pass. Railcars
Asset Inventory & Information	Excel, Paper Track charts, GIS	Excel	Excel	Excel	Excel
Asset Configuration/ Modifications	N/A (+ 3rd party and ArcGIS, Survey123)	Excel	Excel	Excel	Excel
Asset Condition & Performance	Manual/ Excel	Manual	Reports	Excel	Excel
Incident/ Defect Management	Manual/Event Tracker	Manual/Event Tracker	Reports	Manual/Event Tracker	Manual/Event Tracker
Work Management/ Work Orders	Manual	Manual	Manual - Bridge work JDE - Facilities	JDE	JDE
Materials/ Inventory Management	JDE	JDE	JDE	JDE	JDE
Purchasing & Receiving	JDE	JDE	JDE	JDE	JDE
Capital Program/ Projects	Manual/ Excel	Manual /Excel	Manual/ Excel	Manual /Excel	Manual/ Excel
Reporting & Analysis/Internal	Manual	Excel	None	Manual	Manual
Reporting & Analysis/FTA	Manual	Excel	None	Manual	Manual
Reporting & Analysis/FRA	Manual	Excel	None	Manual	Manual

The table below visually depicts the systems and tools AARC currently utilizes to manage their assets and perform main The areas highlighted in orange indicate that Asset Management is supported via stand-alone tools mainly in MS Excel, Areas highlighted in green indicate that either JD Edwards (JDE) or another Commercial Off the Shelf (COTS) solution

Areas in red indicate that there are no tools currently in use to manage asset management processes, and the non-highlig

Vehicle and equipment Assets			Facilities	
Freight Railcars	Vehicles	Heavy Equipment	Facilities	Comms
Excel	Excel	Excel	Excel	Excel
Excel	Excel	Excel	N/A	N/A
Excel	Excel. ARI standard reports	Excel	Excel	Manual
Data Report - JDE /Event tracker	Excel ARI standard reports	Excel/ Event Tracker	Flagstop	WebHelpDesk/Event Tracker
JDE	JDE- hyrails only	JDE	JDE	WebHelpDesk
JDE	JDE - hyrails only	JDE	JDE	JDE/ Manual in Comm warehouse
JDE	JDE - hyrails only	JDE	JDE	JDE
Manual/Excel	Manual/ Excel	Manual/ Excel	Manual/ Excel	Manual/Excel
Manual	Manual	Manual	JDE/Excel	PRTG
Manual	Manual	Manual	Manual	Manual ?
Manual	Manual	None	None	RailDocs/ Manual

tenance management activities.
manual or paper-based processes
has been configured and implemented in some fashion. JDE is ARRC's Enterprise Resource Planning (ERP) sys

hted areas indicate that the management functions for that particular process are not applicable

Systems Assets	
Signals	IT Equip.
Excel, GIS	Invanti EM
N/A	Invanti EM
None	Invanti EM
RailDocs/ Manual/Event Tracker	IvantiSM/Flagstop
RailDocs/ Manual	IvantiSM/Flagstop
JDE	Invanti EM
JDE	JDE
Manual/Excel	Flagstop to manage, Manual/ Excel to request
Manual	Ivanti EM, Ivanti SM/Flagstop
Manual	N/A
Manual/ RailDocs	N/A

tem 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 CO

TS tools include LanDesk, WebHelpDesk, Flagstop, RailDocs, ArcGIS, and Survey123. These tools are summarized in the

sections below.