

Riva 4.1

Introducing version 4.1

The future of asset management

Riva is pleased to introduce version 4.1 of its product suite, another significant improvement in our solution. This release makes Riva even more powerful and even easier to use. Riva 4.1 puts the world's most advanced asset management tools into the hands of business users.

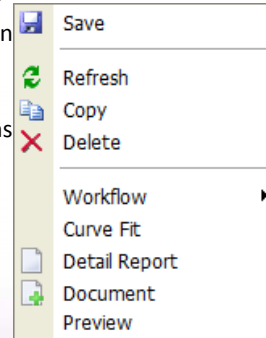
Enhanced Forms

Fields you have changed are marked, hover over the pencil to see the old value.

Pavement Length	28,142	
Replacement Cost	16,886	

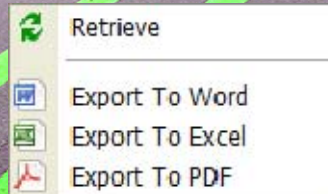
Fields that are calculated are grey. Hover over the calculator to see the formula and the values used in the calculation.

Action menus support icons and submenus.



Export to PDF

As well as word and Excel, all reports and documents now support export to PDF format. This makes it easier to share information.



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Document Generation

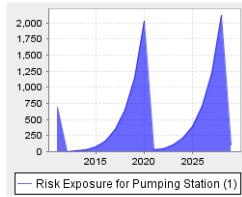
Riva V4.1 includes a brand new document generation feature. It allows users to build document templates, complete with embedding reports, nesting template, charts and images. The WYSIWYG editor lets you preview these templates and generate professional looking documentation directly from your Riva data. You can create these documents, review them, edit them, lock them and email them all from within Riva using the workflow automation toolset.

Requested Riva Document

Ian Woodbury
Sent: Tue 01/03/2011 5:31 PM
To:

Message | _Certification_tnt (265 B)

Pumping Station (1) - Asset Report



This is the detailed report for Pumping Station (1). This asset was constructed in 1950. It has a predicted maximum life expectancy of 45 years and should have a rehab treatment every 9 years. It was originally built for \$30000 and would now cost \$65000 to replace.

Description

This station was constructed in 1951 according to the standards at that time. The structure has been maintained well over the years and the outward appearance has been preserved.

Improved Visuals

One of the biggest changes in 4.1 are the dozens of minor improvements that have been made in the look of the application.

Include?	Title	Link Value	C
<input type="checkbox"/>	WWGravty-1469 431104285	1-4298000	
<input type="checkbox"/>	WWGravty-1504 431104410	1-4298000	
<input type="checkbox"/>	WWGravty-1505 431104411	1.0032 [2011]	0.0 [2011] Replace Replacement 2011-01-01
<input type="checkbox"/>	WWGravty-1506 431101543	1-42980000000000000000 [2011] 0.0 [2011] Inspect	Inspection 2014-01-01

GIS and Event List Project Builders

We have added support for two new ways to build a project: from a GIS selection or from the event list. In the GIS, just select the assets in an area and click on the Project tab to see all events planned for those assets. From there you can easily build or add to a project. Similarly, from the event list, use the search criteria to find a list of events and then generate a project for them with a single click.

New Dashboard Controls

Heatmap: Select any two attributes or measures to act as axis, and then select another to colour the graph. Find out where your highest risks are, your greatest costs or your worst condition and then drill in to take action.

Pie Chart: Pick any two attributes or measures and build a pie chart in seconds. Drill into the slices to view the assets.

Enhanced Formula Builder

The newest version of the formula builder makes the power of Riva's formulas even easier to use. There is integrated help for all functions and listing of all facts, making it easier to get the formula right the first time. Messages have been added to the testing area to help you identify and fix any issues. Comparison operators have been extended and many new, useful functions have been added.

Formula Builder - Asset

Round(NPV('Cost', InflationRate))

Parse

InflationRate 0.2

Me City

Evaluate 912161.0

Functions

NPV Function

npv((String pm) [Number rate])

This function returns the net present value (NPV) of the identified measure. It provides the name of the measure as a string, and the rate for the calculation as a number.

Pie Chart Data:

- VT: 3,723 (16%)
- UNH: 313 (1%)
- ST: 19 (0%)
- PVC: 1,568 (6%)
- CU: 453 (2%)
- GSP: 1,047 (4%)
- AC: 781 (3%)
- CI: 13,155 (52%)

Heatmap Data:

Risk Exposure 2011 (Y-axis)

Acquisition Value (X-axis)

Probability of Failure 2011 (X-axis)