

**Retek<sup>®</sup>**

**RPAS Configurations Tools  
Version 11.1**

**Release Notes**



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- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

# Contents

<b>RPAS Configuration Tools 11.1 .....</b>	<b>1</b>
Release Details.....	1
Functional Enhancements/Changes .....	2
Known Issues .....	6
Implications of Upgrading to 11.1 .....	8

# RPAS Configuration Tools 11.1

## Release Details

Application:	RPAS Configuration Tools
Version Number:	11.1
Code Cut Off Date:	August 13th, 2004
Release Date:	August 31st, 2004
Type of Release:	
Base:	Yes
Patch:	No
RPAS Server Version:	11.1 release
Patch Level:	None
Supported OS, Server:	Sun Solaris 8 (2.8), AIX 5.1/5.2, HP-UX 11i (11.11), Windows NT
Supported OS, Client:	Windows NT, XP, 2000
Required 3 <sup>rd</sup> Party Software:	JRE 1.4.2 (installed on client and server machines) CVS (installed on server – if using integrated Source Control)
Documentation:	RPAS 11.1 Configuration Guide RPAS 11.1 Installation Guide RPAS 11.1 Release Notes RPAS 11.1 Operation Guide RPAS 11.1 User Guide

## Functional Enhancements/Changes

The following list summarizes the functional enhancements and changes that have been made in version 11.1 of the RPAS Configuration Tools. For detailed information, refer to the RPAS 11.1 Configuration Guide, RPAS Installation Guide, RPAS Configuration Tools 11.1 online help, RPAS 11.1 Release Notes, and /or RPAS 11.1 User Guide.

### Changes to Configuration Tools Workbench

Added Utilities menu, with the following options:

- Configuration Converter – used to convert legacy configurations to version 11.1. This can be run either from within the tools or from the tools build directory.
- Measure Extractor – used to output measure information to a file.
- Rule Extractor – used to output rule information to a file.
- Function Library Manager - used to allow custom functions to be validated within the Configuration Tools.

Added Automation menu:

- Used to execute “plug ins”, which are automated tasks associated with configurations.
- Create RMS Hierarchy – automatically generates hierarchies and dimensions.

File Menu

- Under the option for New - removed Curve, Forecast and Promote solutions. These solutions will be supported on RPAS/Tools 11.1 at a future date. Additionally, the forecast procedure is not currently supported on 11.1 but will be at a future date. Contact Retek Labs for more information.
- Changed Properties to Preferences; moved Multi Language and Configuration Language settings to Workspace Properties; added option to turn Measure Validation on or off.
- Added Workspace Properties, which contains settings for Global Domain, Hyper Sparse, Multi Language, and Configuration Language.
- Added support for creating Global Domain and Hyper Sparse configurations.

Validation

- Previously, there was no validation in the Configuration Tools that prevented a user from using the same RPAS name for multiple configuration components. These names must be unique for translation purposes; but regardless of the solution being translated or not, the RPAS names for the components specified must be unique across an entire domain. This validation has been added in 11.1.

### Changes to Configuration Manager context (right click) menu

- Added support for creating Global Domains, and Hyper Sparse domains.
- Under the option for New - removed Curve, Forecast and Promote solutions. These solutions will be supported on RPAS 11.1 at a future date. Contact Retek Labs for more information.
- Under the option for New Configuration – added settings for Global Domain, Hyper Sparse, Multi Language, and Configuration Language.
- Added Preference and Workspace Properties to the menu.

### Changes to Hierarchy Tool

- Removed MEAS hierarchy, which did not serve a purpose in the Hierarchy Tool and was a point of confusion.
- Added ADMU hierarchy with user dimension – this is a standard hierarchy within RPAS and has been exposed in the tools. This allows “user” to be included in a measure’s base intersection if desired.
- Added toolbar with buttons for Undo, Redo, New Hierarchy, New Dimension, and Delete.
- Moved buttons for moving hierarchies up or down and dimensions right or left to toolbar.
- Added Position Format feature – ability to specify day and format for positions.
- Added Table Tool Tips, and checkbox to disable them if desired.
- Renamed Security Level to say Security Dimension in Hierarchy table, and added list box for selecting dimensions.
- Added list box to Aggs field in Dimension table, to allow dimension aggregation to be changed.
- Removed Set User-Maintained option from context menu. Added column in Dimension table called User Dimension to set the dimension to be user-maintained.
- Added Translate column to Dimension table to support dimension translation.
- Columns in the tables can now be moved through drag and drop (columns revert to their default position when the current tools session is closed).
- Deleting a dimension now deletes all children to that dimension as well.
- Order for PROD and LOC hierarchies can now be changed by using up/down arrows or drag and drop.

### Changes to Measure Tool

- Added flexibility for how measures are created. Previously, the measure tool created measures by combining every measure class that the user defined. This resulted in many measures being created that were never used, and also forced measures to be comprised of every major class. In 11.1, the user can specify which classes to use to create measures. This should significantly reduce the number of measures in configurations, and also allows measures with different class structures to be created within the same solution.
- Made significant memory improvements – tested with a configuration with 1.3 million measures, all 1.3 million measures were able to be displayed and edited.
- Added option to turn off real time measure validation, improving performance time for measure edits. If real time validation is turned off, measure validation must be initiated manually in rule tool. If it is turned on, switching from measure tool to other tools is slower than in previous versions due to all measure validation being done at one time.
- Changed the default behavior for measure descriptions. Previously, measure descriptions were inherited from the corresponding class descriptions. In 11.1, the measure descriptions are concatenated from the class descriptions (same behavior as measure labels).
- Changed terminology and labels from Classes to Components. Calling them classes was a point of confusion for some users.
- Replaced sort check boxes with filtering on Components and Realized Measures tabs (could not be added to Measures tab due to the very high number of measures that could potentially exist on that tab). Sorting can also now be accomplished by holding down the Ctrl key and clicking in a filter box.
- Columns are now moveable; except for the Identifier column which is frozen.
- Added new measure properties to correspond to RPAS 11.1 – Special Values, Dimension Attributes, and Allowed Aggs.
- Added new agg methods – total\_pop, median\_pop, and prop\_pop.
- Added new spread method – prop-pop.
- Any measures that exceed the 15 character name limit are now validated and show up in red.
- Added counters for number of displayed components or measures.
- Changed base intersection dialog box to be the same as the one used in Data Interface tool.
- Added validation of the NA Value with the measure's Data Type.

### Changes to Rule Tool

- Added rule selection – there is now a visual indication of “active” rule(s) - they are highlighted with a black border. This also makes it possible to select multiple rules for copying or deleting.
- Added tool bar with buttons for measure content validation, undo, redo, delete, create new rule set/group/rule, edit name or other properties, expression editor, and advanced options (generate load/commit rules, copy rule group, copy selected rules, apply pattern, rename all rules).
- Added measure content validation functionality – used to manually kick off measure validation if online validation has been turned off in the measure tool.
- Added functionality to rename all rules within a rule group. A prefix can be entered for all rule names, and the rule tool will append a 4 digit identifier. The original rule order will be maintained by the rule tool.
- Added support for “old” modifier, PROPSREAD function and PASSTHROUGH function.

### Workbook Tool

- Redesigned user interface – previously, there was a tabular view for workbooks, tabs, and worksheets. In 11.1, this has been changed to a tree view. In addition to a cleaner user interface, memory issues caused by the old interface were eliminated. Selecting each component will now cause the properties for that component to be displayed on the screen, rather than having to make additional mouse clicks to bring up the properties.
- Added support for multiple refresh rule groups within the same workbook. To use this feature, multiple refresh rule groups need to be created for the desired rule set in the rule tool. These rule groups can then be selected and ordered in the workbook tool.
- Added Extended Measures tab to the Workbook properties. This tab allows Relative % to Parent, Absolute % to Parent, and alternate aggregate versions of a measure to be added to a worksheet.
- Added custom attribute support for “tagging” workbooks (used by solutions that utilize automation, i.e RDF).
- Added support to reorder the wizards, and ability to patch the domain with the new order.
- Added Base Intersection property to Worksheet > General tab. Row will appear in red if base intersection is not provided.

### Wizard Tool

- Added custom wizard support “tagging” wizards (used by solutions that utilize automation, i.e RDF).
- Added the ability to create generic widgets.
- Added ability to set text of controls.
- Duplicate wizard names within the same solution and project are now prevented.

**Installer**

- Added version number.
- Added support for building a Hypersparse domain. Added the ability to patch a domain with changes made to the Hypersparse setting (global domain, multi language and configuration language remain settings that a domain cannot be patched with).
- To support global domains, argument structure and usage of the rpasInstall has changed (See RPAS Configuration Guide for more information).
- Attribute measures and Hypersparse domain build functionality is moved to tools user interface from the installer. This resulted in taking away some arguments of rpasInstall. (See RPAS Configuration Guide for more information).
- Added support for building Global Domains.
- Added support for the new measure properties, dimension attributes and special values.

**Known Issues**

Issue	Defect #	Resolution / Workaround
Workbook validation refresh issue - the first time that a user returns to the Workbook tool from another tool, the Workbook or Worksheet validation is not in sync with any changes the user may have made prior to returning to the Workbook tool.	372164	Upon returning to the workbook tool, click on another node in the workbook tree (i.e. if a workbook was selected, click on a tab, then come back to the workbook)
If using multiple refresh rule groups in a workbook, the rule group description in the rule tool is used as the rule group label within the RPAS client. Currently, RPAS allows a maximum of 20 characters for the rule group label to be viewable within the RPAS client; however the rule tool allows rule group descriptions of 60+ characters.	372940	Only the first 20 character of the rule group description will be displayed in the RPAS client. If intending on using multiple refresh rule groups, make sure that that the rule group description does not exceed 20 characters, or that the first 20 characters are what is intended to be displayed as the label.
If using the tools on a Windows XP machine, the context menu in the rule tool goes off of the screen when it is opened near the bottom of the screen.	373130	Open the context menu closer to the top of the screen.
When patching a domain, an error message is displayed when the Installer invokes the RPAS utility reguserdim when re-registering a user-maintained dimension, since it already exists in the domain. An example of the error message is shown below:  2012 Abort reguserdim	372786	The patch process is not actually aborted and this error message can be ignored.

<p>E 2004Aug19 14:45:21.770&gt; ERROR in reguserdim: the dimension to be registered 'umpl' exists in domain.</p>		
<p>Currently, there is no validation between the worksheet baseintersection and the hierarchies on the worksheet axes. For example, if a dimension is removed from the worksheet baseintersection, but the hierarchy is still specified for one of the axes, the hierarchy is not flagged. Similarly, vice versa, if a hierarchy is set to Unassigned for the axes, but still is part of the worksheet baseintersection, the hierarchy is not flagged red for the baseintersection.</p>	<p>371798</p>	<p>Be sure to make the corresponding change in both places.</p>
<p>RPAS no longer supports the refreshable measure property, since the refresh rule group is used to refresh measures. This property will be removed from the Measure Tool in a future release.</p>	<p>372879</p>	<p>Don't use the refreshable measure property for a measure.</p>
<p>RPAS no longer allows the agg method or allowed aggs to be set to None; this has not yet been removed from the measure tool as an option.</p>	<p>372718 372434</p>	<p>Don't use None as an agg method or allowed aggs for a measure.</p>
<p>When running the Installer, the following Lock Contention message may appear:  &lt;E 2004Aug20 15:24:20.358&gt; LockContention 1 Ali::Read /QC_Testing/TestConfig/TestProject/data/admin</p>	<p>368637</p>	<p>Normally, this message can be ignored and will not create a problem with the domain build. Check the Installer log file for actual ERROR messages that could impact the domain build.</p>
<p>When the Installer is executed, output such as below, is produced regarding the construction of the measure names using the component scheme.  RkWPAdjStrR = LVL:Rk Vers:WP Metr:AdjStr UOM:R RkWPAdjStrU = LVL:Rk Vers:WP Metr:AdjStr UOM:U</p>	<p>373114</p>	<p>Disregard this output as it does not negatively impact the domain build.</p>

## Implications of Upgrading to 11.1

Upgrading to version 11.1 of the configuration tools should be relatively seamless, as the configuration converter will convert configuration formats to an 11.1 format. However, as with any upgrade, configurations should be verified for correctness. One change that the converter cannot account for is validation changes.

In prior versions, some aspects of configurations were not validated but should have been, so even though the configuration may have appeared without errors in the tools errors may have emerged at domain build time or in the RPAS client. In 11.1, some validation gaps have been closed in the configuration tools, so therefore some things that may have previously appeared to be correct will now show up as errors. Two examples of this are RPAS names, and rule names. As mentioned earlier in this document and in the release notes for every 11.0.4 patch, RPAS names must be unique across a configuration. In 11.1, there is now validation for this. Another potential area for validation impacts is with rule names. In prior versions of the tools, names for generated rules may be too long, which will show up as errors in 11.1. These can be corrected manually, or using the new rule renamer function in the rule tool.