Retek® TopPlan™ 10.5

Release Notes

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Contents

Release Details

Solution	Financial Planning
Application	Retek TopPlan
Application Acronym	TP
Version Number	TopPlan 10.5 on RPAS 11.0.3.1 using Retek Configuration Tools 11.0.3.1
Code Cut Off Date	October 17, 2003
Release Date	October 24, 2003
Type of Release	GA - Generally Available
Base	Yes
Patch	No
RPAS Client Version	Release 4
RPAS Server Version	RPAS 11.0.3.1
Acumate Version	Acumate 25
Supported OS	Sun Solaris 5.8, AIX 5.2, HP 11.11
Documentation	• TopPlan 10.5 Installation Guide • TopPlan 10.5 Retail Accounting User Guide • TopPlan 10.5 Cost Accounting User Guide • TopPlan 10.5 ChannelPlan User Guide • TopPlan 10.5 System Administration Guide • RPAS 11.0.3 Administrator Guide • RPAS 11.0.3 Installation Guide • RPAS 11.0.3 User Guide • RPAS 11.0.3 Configuration Guide

Project Objectives

The objective of the TopPlan 10.5 porting project was to configure and replicate the functionality of each of the TopPlan 10.0 workbook templates on the new RPAS 11.0 server. In order to accomplish this task, all TopPlan workbook templates, worksheets, measures and calculation expressions had to be recreated using the newly developed Retek 11.0.3 Configuration Tools. The porting exercise also necessitated all existing calculation expressions to be rewritten in a new “rule” format, eliminating the calculation formulas and on-change expressions of RPAS 9.4/TopPlan 10.0.

The intent of the porting project was to port the existing TopPlan 10.0 solution templates with their existing functionality to the new RPAS 11.0 server “one-for-one” without necessarily changing or adding functionality (other than that which would exploit the power of the new server and calc engine). Functional enhancements were not the primary focus of the TopPlan porting project, however, some enhancements were included. Finally, the intention was to not loose TopPlan 10.0 functionality through the porting and re-configuration exercise.

The above stated goals and objectives have been accomplished with the porting of TopPlan 10.5 to RPAS 11.0.3. Some pieces of functionality did change due to the new RPAS calculation engine. In some cases the functionality is more robust, in others, the required functionality is currently not available at the time of this release, but will be available in future RPAS and Configuration Tools releases. With the TopPlan 10.5 release, the existing TopPlan 10.0 Retail Accounting and ChannelPlan templates have been recreated. New to the 10.5 release is the TopPlan Cost Accounting template for Product Planning.

Known Configuration Issues (including a summary of functionality that is not currently supported by RPAS 11.0 that was available in RPAS 9.4) and Known RPAS Server and Tools Issues are documented in later sections within this document.

All TopPlan 10.5 configuration work was conducted in parallel with RPAS 11.0 and Configuration Tool 11.0 development.

Functional Summary

Retek TopPlan is one of four Retek Advanced Planning and Optimization solutions that support financial, unit and assortment planning and optimization processes. TopPlan enables the processes involved in creating a Financial Plan at the Product and/or Location levels. TopPlan, an internally developed solution, was first released in 2000.

The functional and technical enhancements in the 10.5 release of TopPlan expand the overall functionality and usability of the solution and are the result of feedback received from pre-sales, services, consultants and clients. The 10.5 release of TopPlan has been configured with the Retek Configuration Tools 11.0.3 on RPAS 11.0.3 platform.

The TopPlan 10.5 release contains both strategic and functional enhancements in the following areas:

General TopPlan Enhancements

- Accounting Methods Supported
- User Defined Hierarchy Positions
- Common Measure Classification Components
- Custom Menu Options

System Administration Enhancements

- System Administration Functions

Planning Process & Functional Enhancements

- Seeding Working Plan
- Publish Target Process
- Submit and Approve Process
- Measure Changes
- Functional Measure / Calculation Changes

Each of these enhancements is described in further detail in the following sections.

General TopPlan Enhancements

Accounting Methods Supported

There are two accounting methods supported with the TopPlan 10.5 releases of Product Planning: Retail Accounting and Cost Accounting. Each accounting methodology has it's own configuration and workbook templates available. The ChannelPlan configuration is based on Retail Accounting.

The Retail Accounting workbook configuration and templates existed for Product Planning and ChannelPlan in TopPlan 10.0. New to the 10.5 release is the Cost Accounting configuration for Product Planning. The Retail and Cost accounting configurations each contain the appropriate measures, business process flows and rules to support each specific accounting methodology.

User Defined Hierarchy Positions

Two User Defined Hierarchy positions have been defined for the Time and the Product hierarchies:

- Time: Holiday and Event
- Product: Planning 1 and Planning 2

Users that have access to the System Administration workbook for Hierarchy Maintenance can define the actual roll-ups.

Common Measure Classification Components

Every measure used in a planning solution has a unique name and label, made up of four components concatenated together: the Role, the Version, the Metric and the Unit of Measure. The label, version, metric and unit of measure components are now ‘common’ among the planning solutions with the version 10.5 releases. The Role is unique to each solution. When the role is added to a common version-metric-unit of measure combination, it provides measure uniqueness.

Example: “Wp Sales R” is the common version-metric-unit of measure combination. Add roles the following measures are two possible results:

- TPl Wp Sales R
- KPl Wp Sales R

“TPl” is the Role that identifies the measure as a TopPlan Planner measure for Wp Sales Retail vs. “KPl” that identifies the other measure as the KeyPlan measure for Wp Sales Retail. The two roles have different sales measures because the solutions plan sales at different base product, location and time intersections.

Unique measures provide the ability for measures to be used in workbook templates other than the role that the measure is created for. An example of this is LY version measures. In TopPlan 10.0, each role has their own LY measures. In TopPlan 10.5, the Executive and Manager Ly version measures have been eliminated. The Executive and Manager reference or use the Planner Ly version measures instead.

The end result: fewer measures to manage. Several versions, metrics and units of measure that were used in TopPlan10.0 have been eliminated from the 10.5 configurations, which means fewer metrics and measures in total.

The following chart outlines some of the changes that were incorporated into the 10.5 release.

Feature	9.4/10.0 Behavior	11.0 Behavior
Standards		
Measure Components: Role, Version, Metric and Unit of Measure	Were not consistent among the RPAS Planning solutions	A Standardization project was initiated for 11.0 to arrive at Common Versions, Metrics and Unit of Measures across the planning applications. “Role” will remain unique to each specific application/solution
Measure Labels	Label contained Role, Version, Metric, Unit of Measure	Role has been eliminated from the visible Measure Labels

Feature	9.4/10.0 Behavior	11.0 Behavior
TopPlan Roles	TopPlan 10.0 Role Names and Labels: Executive: Ex Ex Manager: Mg Mg Planner: Pl Pl ChannelPlnr: CP CP	TopPlan 11.0 Role Names and Labels: Executive: E TEx Manager: M TMg Planner: P TPl ChannelPlnr: C ChP
Plan Versions		
Ly versions unique for each role	Executive, Manager and Planner each have Ly version measures, unique to each role.	Executive and Manager Ly version measures have been eliminated. The Executive and Manager reference the Planner Ly version. All versions are read-only.
SCp SOp SWa	Executive and Manager's versions of the Cp, Op, Wa plans	Eliminated. The Manager references the Planner Wa version. All versions are read-only. The Manager is now the "owner" of the Op and Cp versions. The Mgr Op and Cp versions are referenced in the Executive and the Planner workbooks as read-only.
Ra (Reference Administration) Version		Eliminated
Ad (Administration) Version		Eliminated
Unit of Measure		
AUR Unit of Measure	AUR was part of the metric name, used in conjunction with the "none" UOM (e.g. "Sales AUR": metric = salesaur, unit of measure = none)	AUR is now a separate unit of measure (e.g. "Sales AUR": metric = Sales, unit of measure = AUR)
Unit of Measure "X" or "None"	Used by measures such as TO, Forward Cover, WOS	Unit of Measure "X" is no longer in use and is replaced by "R", Retail

Custom Menu Options

TopPlan 10.5 provides the ability for a User to execute custom-defined processes from a Custom Menu option within a plan workbook. The benefit is that multiple steps can now be combined into a one step process for the user.

The selected process is executed when the user selects the option from the Custom Menu. A pop-up message tells users when the process is complete. Many of the custom-defined processes include automatic workbook commit rules that execute with the completion of the selected process routines - all in one step.

Examples of custom-defined processes executed through the Custom Menu Options in TopPlan 10.5: Seeding, Submit for Approval, Approval, Self-Approval and Publish Targets.

System Administration Enhancements

System Administrative Functions

System Administrative functions that are specific to TopPlan have undergone a complete renovation in TopPlan 10.5. Some of the former System Administrative functions have been changed, some have been eliminated and others new.

New Functionality

Seed Data Source: TopPlan 10.5 provides the ability for System administrators to define the Data Source for Seeding. The seed data source can be defined at the Department level across Time.

Although configurable, the pre-defined seed data source options that have been defined in the 10.5 release are Ly, Ly Op or Ly Cp.

This functionality is available in the Retail and Cost Product planning configurations only. The ChannelPlan configuration does not contain the Seed Data Source functionality, although it could be added with a client implementation. ChannelPlan is seeded with LY data.

The actual function of initiating the Seed Process is no longer the sole responsibility of the System Administrator. The System Administrator can initiate this process or, new to version 10.5, any user can initiate the seed process from their plan workbook. This is explained further in a later section of this document: Initiate the Seed Process.

History Mapping: TopPlan 10.5 provides History Mapping functionality. This functionality provides a week-to-week mapping measure called History Map. This measure is used to calculate the Adjusted Last Year Sales Measure (Adj Ly Sales R) that is viewable in the planning workbooks. The Adj Ly Sales R measure uses the History Map measure to pull last year sales from a time period other than consecutive 52 weeks in the past (the default for all LY measures). Typically, this is used to accommodate promotional calendar and holiday shifts from one year to the next, such as Easter and Hanukkah shifts.

History Mapping is an "all or none" concept; the procedure applies to all products. The TopPlan solution contains only one mapped measure called Adj Ly Sales R. However, you can create multiple mapped measures (for example Adj Ly Markdowns R) from the same LAGMAP measure. If two adjusted measures are created from the same LAGMAP measure, then they will reflect the same week-to-week mapping created in this mapping workbook. If different week-to-week mappings are required for different measures, then a separate LAGMAP measure must be created in the configuration and added to the mapping workbook template.

This functionality is available in the Retail and Cost Product planning configurations.

Inventory Initialization: A System Administration workbook that is only used if a historical inventory numbers are not available when TopPlan is first implemented.

The workbook is used to automatically calculate the initial beginning inventory position for the domain from a current Stock on Hand value when the initial inventory position cannot be provided from another data source, such as RMS.

RMS extracts and sends all historical data to TopPlan with the exception of Inventory. RMS extracts current Stock on Hand positions only. TopPlan needs to calculate the initial inventory position for all elapsed time periods in the domain based on the current Stock on Hand information so that Inventory will be accurate for planning periods going forward.

This is not an on-going activity, but only initialized once. Other measures are provided in the actual plan workbooks for on-going inventory adjustments.

Unique to ChannelPlan

Store Open/Close Dates: In ChannelPlan only, the System Administrator can set the Open Date for a store and the Closed Date for a store. This information is visible to users in their plan workbooks via measures.

Store Status: In ChannelPlan only, the System Administrator can set the status for each store: Closed, Comp or Non-Comp. The Store Status that is set in this workbook is used to determine: the Comp and Non-Comp Store Counts and the Comp and Non-Comp Sales aggregations within ChannelPlan workbooks.

The Store Status measure is visible to users in the ChannelPlan workbooks.

Store Square Footage: In ChannelPlan only, the System Administrator can set the Square Footage for each store. The Square Footage is used in the calculations for Average Square Footage and Sales per Square Foot in the ChannelPlan workbook.

The Square Footage measure is visible to users in ChannelPlan workbooks.

Changed Functionality

Initiating the Seed Process: The System Administrator is not the only party responsible for initiating the batch “seeding” process; individual users can decide if they want to seed or when they want to seed and execute their decision via the TopPlan Custom Menu > Seed. Users can initiate the Seed process within a plan workbook at anytime.

Users cannot select the “seed data source”. This information is set up in a specific System Administration workbook only.

Store Count: In the Product Planning domains, the System Administrator can still set a Store Count. In the 10.5 release, there are two additional store count measures that can be set: Comp Store Count and Non-Comp Store Count. There is no math between the three store count measures; each can be set independently from the others.

In the ChannelPlan configuration, the Store Counts are determined directly from the Store Status that is set by the System Administrator as described in a previous section, above.

Eliminated Functionality

Pre-Defined Seasons: There is no longer the concept of pre-defined planning ‘Seasons’ set by the System Administrator in TopPlan 10.5. This change is to facilitate the need of many retailers to build pre-season or in-season workbooks for multiple and varying time horizons.

Users can build pre-season and/or in-season workbooks for any time periods displayed as part of the new workbook build wizards.

Because past or elapsed time periods can now be selected in a pre-season workbook, elapsed time functionality has been added to pre-season workbooks. This perverts a user from accidentally making changes elapsed time periods.

Planning Process & Functional Enhancements

Seeding Working Plan

Seeding Working Plan measures, a process previously initiated by the System Administrator can now be initialized by either the System Administrator or by each individual User from any pre-season plan workbook.

The advantage of this change is that a User can control if they seed their pre-season plan and when they seed their plan. If the System administrator initiates the process, all pre-season plans are seeded at the same time.

Seeding is one of the Custom Menu options available within each of the pre-season plan templates.

For TopPlan 10.5 the following measures are seeded when the Seed process is initiated from the TopPlan Custom Menu:

Cost Domain	Retail Domain	ChannelPlan
Regular Sales R, C, U	Regular Sales R, U	Sales R
Promo Sales R, C, U	Promo Sales R, U	
Clearance Sales R, C, U	Clearance Sales R, U	
Receipts C, U	Receipts R, C, U	
	Regular Markdowns R	
	Clearance Markdowns R	
	Perm Markdowns R	
	Shrink R	
	Employee Discount R	

Publish Target Process

New to TopPlan 10.5 is a process for Executives and Managers to control when their Targets are visible to other plan roles.

Previously, when Executive or Manager workbooks were committed to the database, the data in their working plan versions automatically was available to other plan roles as Targets.

The Executive and Manager now select a “Publish” measure when they are ready to share or publish their data with other roles. The process is then completed when they select the Publish from the TopPlan Custom Menu options.

New to TopPlan 10.5, the Executive and Manager roles have visibility to their Target measures within their plan workbooks. This facilitates the plan reconciliation process and provides a record of the last Targets published.

Submit and Approve Process

Product Plan

Additional measures have been added to the Submit Plan and Approve Plan processes.

New/Changed Measures include:

Current Status	Changed Label
Submit Comment	New
Submit Date	New
Approve Comment	Changed Label
Approve Date	New
Reject Date	New

ChannelPlan

Self-Approval functionality has been added to the ChannelPlan business process allowing self-promotion of a plan to the Original Plan (Op) and Current Plan (Cp) versions Pre-season and to the Current Plan (Cp) version In-Season.

Once a plan has been self-approved, ChannelPlan Sales, Average Inventory and Turn Over data is available to be viewed for reconciliation within the TopPlan Managers Product Plan workbook.

Measure Changes

Demand: The RDF forecast is visible within the plan workbooks in a measure called Demand. There are separate measures for the Pre-Season and an In-Season version of the Demand. Each measure is populated based on the forecasting algorithm used to generate the demand forecast. Pre-season, the Winter's algorithm is used and In-season the Bayesian algorithm is used.

BOPI Measures: The BOPI Retail, IMU%, Cost, Unit and AUR measures used in TopPlan 10.0 to set the initial Beginning of Season Inventory for pre-season plans have been replaced in TopPlan 10.5 with the metric BOS name, Beginning of Season. The new measures are:

- BOS Inv R
- BOS Inv IMU R %
- BOS Inv C
- BOS Inv U
- BOS Inv AUR

Sales Type Measures: Regular Sales, Promotional Sales and Clearance Sales measures have been added to the Manager templates. Previously these measures were only in the Planner templates.

Receipt Measures: The measures: Projected Receipts, Received and Total Receipts have been eliminated in TopPlan 10.5 and have been replaced with one Receipt measure.

Target Unit Measures: The Manager role now has Target Unit measures with the 10.5 release. In the 10.0 version, the Wp Unit measures existed for the Manager, but they were not published as Targets to the Planner.

Functional Measure / Calculation Changes

Percent (%) Edits: RPAS 11.0 handles an edit to Percent (%) measures at aggregate levels differently than RPAS 9.4. Measures affected: all Variation measures (e.g. – Sales var to LY%) or any Percent Measure calculating a value based on another measure (e.g. - Markdown R%).

Functionality in TopPlan 10.0 replicated the percent edit to all lower hierarchy members first and then re-calculated the values at all hierarchy levels based on the new percent.

Example: An edit to Markdown R % at the Season level in TopPlan 10.0 replicated the Markdown % edit to all lower time periods and then recalculated Markdown R for each period.

	Season	M 1	M 2	M 3	M 4	M 5	M 6
Sales R	2000.0	100.0	200.0	300.0	400.0	500.0	500.0
Markdown R	500.0	25.0	50.0	75.0	100.0	125.0	125.0
Markdown R%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%

The new functionality in TopPlan 10.5 calculates the aggregate level value first and spreads that value proportionally to all lower hierarchy members. The lower member percents are re-calculated based on the new value.

	Season	M 1	M 2	M 3	M 4	M 5	M 6
Sales R	2000.0	100.0	200.0	300.0	400.0	500.0	500.0
Markdown R	500.0	40.00	60.00	80.00	100.00	120.00	100.00
Markdown R%	25.0%	40.0%	30.0%	26.7%	25.0%	24.0%	20.0%

To achieve to replicate functionality, users may enter a value into percent measures at aggregate levels followed by the “r” RPAS spread over-ride method, indicating, “replicate”. This indicates to calc engine that normal spread method of NONE for the percent measures should be ignored with this edit and the Replicate spread method should be followed instead.

Forward Cover: Forward Cover is now editable in the Cost and Retail domains. An edit to Forward Cover recalculates EOP Inv (and Receipts to get to the desired EOP Inv) in the period of the edit based on the number of Sales periods indicated with the edit. The Forward Cover function uses Sales starting in the period following the edit and is set to wrap back around when the number of actual periods have been exhausted within a workbook.

The parameters within the “Cover” RPAS function itself are configurable.

OTB: Open to Buy, OTB, is calculated using the Current Plan (Cp) version of Receipts and the Working Plan (Wp) version for On-Order, Commitments and On-Order Cancellations. The calculation for OTB is = Cp Receipts – Wp On-Order – Wp Commitments + Wp On-Order Cancel.

BOP / EOP Synchronization: EOP Inventory is automatically synchronized to the following period BOP Inventory (both become 'italicized' in deferred calc mode) when EOP Inventory is entered. After calculation, the BOP value changes to match the EOP (same behavior as in 10.0).

BOP Inventory is automatically synchronized to the prior period EOP Inventory (both become 'italicized' in deferred calc mode) when BOP Inventory is entered. After calculation, the EOP value changes to match the BOP (same behavior as in 10.0).

Actual Data: Actual Data is loaded into both the Working Plan (Wp) and the Current Plan (Cp) versions for elapsed time periods. Previously, actual data was loaded into the Working Plan version only.

Contribution to Time, Product and Location Measures: The Contribution to Time, Contribution to Product and Contribution to Location measures are not editable in the TopPlan 10.5 release.

The functionality required to support these measures as editable is not available in the new RPAS 11.0 server at this time. It is on a future RPAS enhancement list.

Stock to Sales Measures: The Stock to Sales measures are not editable in the TopPlan 10.5 release.

The functionality required to support these measures as editable is not available in the new RPAS 11.0 server at this time. It is on a future RPAS enhancement list.

Affects of Edits to Sales, Markdowns, Shrink and Employee Discount: Edits to Sales, any of the Sales Type measures, Markdowns, Shrink or Employee Discount have a direct affect on EOP Inventory in TopPlan 10.5. Previous releases of TopPlan had these measures affecting Receipts while protecting the EOP Inventory value.

The required RPAS 11.0 manipulation constraint functionality to support this is not available in the new RPAS 11.0 server at this time. However, the same affect can be achieved by locking EOP Inv prior to calculating an edit to Sales, Markdowns, Shrink or Employee Discount.

Average Inventory and Turn Over in Strategic Workbooks: In the Executive and ChannelPlan workbooks, Turn Over / TO, is editable with Average Inventory resulting. There are no supporting BOP or EOP Inventory measures in the Executive and Channel Plan workbooks to establish inventory curves across the hierarchies. When an edit is made at an aggregate time level, there is no logical way for Average Inventory (or TO) to spread to lower time hierarchy members, yet a spread method is required. To be consistent with the other financial planning workbooks and the concept of cumulative Average Inventory a spread method of Period End Total (PET) has been selected. As a result, an edit to Turn Over at an aggregate level calculates the Average Inventory at that level and spreads that value to the last time period. Interim time periods are left blank.

Turn Over should instead be entered at aggregate time levels, such as Season, followed by the “e” RPAS spread over-ride indicator, e.g. - “2.0e”. This indicates to calc engine that normal PET spread method for the Turn Over measure should be ignored with this edit and the Even spread method should be followed instead. The seasonal Turn value of 2.0 will be divided evenly across all lower time periods and Average Inventory will calculate for each time period based on the new Turn value. The alternative is that Turn must be entered for all base time periods.

The required RPAS 11.0 “aggregate” function to support the desired results is not available in the new RPAS 11.0 server at this time. It is on a future RPAS enhancement list. There may also be an additional function requirement to support this: the need for Period Average Total, PAT.

Simulated Hierarchical Measures: Simulated Hierarchical measures are measures that simulate hierarchies and the behaviors of hierarchies (spreading and aggregation) though measures and rules.

An example of a simulated hierarchy measure set is the relationship between Sales and Regular Sales, Promo Sales and Clearance Sales:

Sales R	600.0
Regular Sales R	300.0
Promo Sales R	200.0
Clearance Sales R	100.0
Regular Sales Contribution to Sales %	50.00 %
Promo Sales Contribution to Sales %	33.33 %
Clearance Sales Contribution to Sales %	16.67 %
Sales U	115
Regular Sales U	50
Promo Sales U	40
Clearance Sales U	25
Sales AUR	5.22
Regular Sales AUR	6.00
Promo Sales AUR	5.00
Clearance Sales AUR	4.00

Each of these measures has three unit of measure components associated with them: either the Retail, Unit and Average Unit Retail measures are dependent upon one another or the Cost, Unit and Average Unit Cost measures are dependent upon one another. In addition, there are contribution to parent measures associated with the value and unit measures.

In TopPlan 10.0, the Value, Unit, Average Unit and Contribution measures were all editable. In TopPlan 10.5, the ability to have all of the measures editable is not currently possible due to the RPAS 11.0 “multi-result” and “old modifier” functionality that is not yet available.

To preserve the ability to edit the Contribution to Sales measures, the Average Unit Retail / Average Unit Cost measures associated with the Sales hierarchical measures are read-only in TopPlan 10.5. Alternative configuration choices could have been to make the Unit measures read-only and the AUR/AUC measures editable or to make the Contribution to Sales measures read-only so the Unit and AUR measures could be editable.

Measures that are not hierarchical in nature and that have dependent relationships between Values, Unit and Average Unit measures (e.g. – Receipt Retail, Receipt Units and Receipt AUR measures) are not affected. All three measures are editable in TopPlan 10.5.

COGS difference between Planner and Manager: The COGS measures in the Retail configuration have a different aggregation method for the Planner vs. the Manager. The result of this is slight differences in the COGS and GMR values between the two roles. The Planner COGS represents the sum of all the lower levels; the Manager COGS is recalculated from pre-aggregated data, rather than summing from all of the lower members.

The COGS for Planner is calculated for each base product level in the workbook, subclass, and aggregated to higher product levels with the agg method “Total”. At each level of the product hierarchy, the GM R is calculated and also ‘Totaled” up the hierarchy, where GM R% recalculates.

The base level of the Manager’s templates is Department, higher than the Planner’s base level, subclass. The Manager role does not have visibility to all of the lower hierarchy members to calculate and aggregate his COGS. The Manager COGS instead is calculated at a higher base level to begin with; a level that is already a blend of several lower levels.

The configuration choice made in TopPlan 10.5 is to train users on why there is a difference between the two roles.

The alternative choice is to make the aggregation method for Planner COGS “Recalc”. The implication of this choice is that the Planner would not see the subclass COGS “summing” to a Class or Dept total. Instead, the Class level and Dept level COGS would ‘recalc’ based on the data at that level. This would be very confusing to Planners; however, this choice would allow the Manager and Planner COGS to be the same.

The other take-away from this is that all reporting needs to be done from the lowest plan and aggregated up the entire company hierarchy for all to see to avoid data integrity questions that may arise.

Performance Summary

Performance Testing and benchmarking of the new RPAS 11.0 platform will be conducted during Fall 2003.

Specific solution benchmarking will be scheduled following the platform benchmark throughout 2004.

Changes to the RPAS platform code may result in a performance patch following these tests.

Technical Summary

Retek TopPlan 10.5 is built on the RPAS 11.0.3.1 platform using the Retek Configuration Tools 11.0.3.1.

Three configurations have been developed for the TopPlan 10.5 release:

- Supporting Financial Product Planning:
  - TopPlan Retail Accounting Configuration
  - TopPlan Cost Accounting Configuration
- Supporting Financial Location Planning:
  - ChannelPlan Retail Accounting Configuration

Forecast Methods:

- Pre-Season: Winters *
- In-Season: Bayesian
- Forecast Start Date: Current Date

With RPAS 11.0, the Winter's forecast method now includes the Seasonal method. For RPAS 11.0 TopPlan releases, the Winter's method now replaces the former Seasonal ES method as the Pre-Season forecasting method of choice.

Integration Summary

Extract scripts, flat-file interfaces and batch load scripts for receiving financial and unit data from RMS 9.0 into the TopPlan Staging Domain already exist from prior TopPlan releases. These are in the process of being tested on the 10.5 release. The extracts need to be updated for the RMS 10.1 release. This task is not in scope for this project.

The current extract from RMS does not include any store information that is used within ChannelPlan at this time: Store Open Date, Store Close Date, Store Status (Comp, Non-Comp, Closed), and Store Square Footage. The RMS extracts will need to be modified in the future to include this type of information. This task is not in scope for this project.

Batch extract scripts and flat-file interfaces for sending TopPlan Original Plan and Current Plan data to RDW exist for TopPlan Product Planning but need to be created for TopPlan ChannelPlan measures. The current extracts to RDW for Product Planning need to be updated to include all of the existing Op and Cp measures. Work to do this has been started as part of the Williams-Sonoma project, but has not been completed at this time. These tasks are not in scope for this project and will need to be created in the future.

Integration between TopPlan ChannelPlan and TopPlan Financial (Product) Plan - Retail Accounting is handled through shared measures within designated workbook templates. This approach is valid assuming both TopPlan ChannelPlan and Product Plan are in the same domain.

The RDF Demand Forecast that appears in ChannelPlan is accessed through an Application Extension in RPAS 11.0 utilizing the RDF Forecast Function. Specific Forecast Parameters are set through the Retek Configuration Tools. The Demand Forecast is automatically generated and approved. Upon workbook build, is loaded into a Demand Measure within the ChannelPlan workbook. The Pre-Season forecast method is set to Winters and the In-Season forecast method is set to Bayesian.

Known Issues

The known issues are separated into two sections: Application/Configuration Issues and RPAS/Tools Issues.

The Application / Configuration Issues are not considered bugs. The issues listed represent a change in functionality from previous TopPlan releases due to functionality that is not yet supported by the RPAS 11.0 server.

The RPAS/Configuration Tool issues listed are not the complete list of known issues for the 11.0.3 release. The issues listed in this document reflect those that have a known impact to users while planning with TopPlan 10.5. Refer to the separate release note documents for RPAS 11.0.3 and Configuration Tools 11.0.3 for the complete listing of known issues.

Known Application / Configuration Issues

Issue	Issue Owner	Status / Workaround
Solution Configuration		
In the Retail configuration, an edit to MMU R% recalculates Sales C, however, the rules are not configured to spread this edit to Regular, Promo or Clearance Sales C measures. In the Cost domain, the rules are all functional to support edits to Sales R, Sales C, all the R and C Sales Types and MMU R%.	Solution Configuration	Configure rules to spread the Sales C edit to the Cost Sales Types if this is desired functionality in the Retail domain upon client implementation.
In the Retail configuration, all of the KeyPlan reconciliation measures have been defined. Only 2 measures have Rules configured at this time: KeyPlan Sales R contribution to TopPlan and KeyPlan Sales U contribution to TopPlan.	Solution Configuration	Configure the rules to support the remaining KeyPlan contribution measures to TopPlan if this is desired functionality.
Stock on Hand Adjustment measures are defined in the configurations, but are not included in the EOP Inv balance set rules at this time.	Solution Configuration Remedy # 353532	Configure the rules to support this functionality upon implementation if it is desired.

Issue	Issue Owner	Status / Workaround
Future RPAS / Tool Enhancements Required for desired functionality		
Given Retail/Unit /AUR and Cost/Unit/AUC measures - Only two of the three dependant measures can be editable if the desire is to also have editable contribution to Sales measures: Sales R/C, Sales U and Sales AUR/AUC	Future RPAS Functionality Required: “Multi-Result” functionality and the “Old Modifier” are required to support this properly.	Not a bug, but lost functionality The Sales R/C and Sales Unit measures have been configured to be editable, as are their contribution measures. The Sales AUR/AUC measures are read-only. This is a configuration choice.

Issue	Issue Owner	Status / Workaround
Future RPAS / Tool Enhancements Required for desired functionality		
If TopPlan or ChannelPlan Custom Menu Options for Publish Target, Submit Plan or Approve Plan are selected without first calculating the associated "checkbox" for the Publish, Submit or Self Approve measures or the pick-list "Approve/Reject" measure, not all of the check-boxes 'clear' with the batch processes associated with the activity.		Training Issue: Must "calculate" after selecting the Publish, Submit for Approval, Self-Approve, Approve/Reject Measures prior to initiating the associated batch processes from the TopPlan Custom Menu Options.
In ChannelPlan, there isn't logic in this release to prevent a user from editing Sales into a Store with a Store Status set to "Closed". In this situation, Sales (total) does not tie-out between Comp Sales and Non-Comp Sales.	Configuration/RPAS	Added a "Closed Store Sales" measure to account for any sales that might be entered into stores that have a store status = closed.
Edits to Sales Unit clears out the Sales Type Unit measures, but does not clear out the Sales Unit Contribution or Sales Unit AUR measures.	RPAS	Training Issue: When editing Sales Units to "0", edit the individual Sales Type Unit measures to "0" instead of Sales U.
Time Hierarchies can not be restricted or masked for elapsed time within Workbook Build Wizards	RPAS	Not a bug, but a known configuration "must": Elapsed Time logic has been put into Pre-Season workbooks so that if a Pre-Season workbook is built that includes any "past" time, those periods will be 'protected' from edits.

Issue	Issue Owner	Status / Workaround
Future RPAS / Tool Enhancements Required for desired functionality		
Non-Editable Contribution to Time % Non-Editable Contribution to Product % Non-Editable Contribution to Location %	Future RPAS Functionality Required for these measures to be editable: To allow the same measure on the “right” and “left” side of a rule expression. In addition, requires enhancements to the current Level Modifier.	Measure is Read-Only. Lock Sales at the Season level and manipulate weekly Sales directly to recalc the Contribution to Time. Measure is Read-Only. Lock Sales at the highest Product level and manipulate weekly Sales directly to recalc the Contribution to Product. Measure is Read-Only. Lock Sales at the total Location level and manipulate individual location Sales directly to recalc the Contribution to Location.
Spread and Aggregation of Average Inventory and Turn Over where Turn Over is editable. (ChannelPlan and Executive templates).	Future RPAS Functionality Required: “Aggregate” function that will allow different aggregation methods to be defined by hierarchy. PAT – Period Average Total aggregate/spread method is also required	Enter Turn Over at aggregate levels followed with the “e” RPAS spread over-ride. Alternatively, enter Turn Over at base levels of the time hierarchy.
Non-editable Stock/Sales ratio	Future RPAS Functionality Required.	Read-only measure. No current workaround.
Ability to specify select 9.4 formats: Prefix, Suffix, Scaling and Precision by measure, during configuration	Future RPAS Tools Functionality Required	

Known RPAS 11.0.3.1 and Configuration Tools 11.0.3.1 Issues

Issue	Issue Owner	Resolution / Workaround
Revert function is not operating as expected prior to an Edit and workbook Save.	RPAS Remedy # 348917 and 352565	Work around is to edit, edit back to original state and save. From this point on, Revert operates as expected.
Visible Measures on worksheets are not retained in the same display order with a Save and re-open of a workbook	RPAS This is specific to the AIX Platform only Remedy # 352652 & 352346	This happens in very specific cases only and appears to be an issue in the Retail domain on the AIX platform only.
Show Measure Status when selected does not always display the correct information regarding “measure protection” status.	RPAS Remedy # 345927	
Measure Profiles are only visible on one worksheet within a workbook; they are not inherited by all worksheets	RPAS /Tools future enhancement	This is functionality that was available in RPAS 9.4 but is not yet available in RPAS 11.0.3.
Text dialog is missing on the application specific Wizards	RPAS / Tools future functionality	
Synchronized Scrolling is not retained with a workbook Save.	RPAS Remedy # 352410	User must enable synchronized scrolling in a workbook each time the workbook is opened.
Edits to Text measures at aggregate time levels protect other numeric measures from edits at aggregate levels	RPAS Remedy # 351990	Edit Text measures only at base levels.
The time-shift function is not working with Text (or Boolean) measures when there is data TY and LY.	RPAS Remedy # 352457	Removed LY Text measures
Sales Build Rate is not calculating with the first edit only to the Sls var LY % measure in the Exec template.	RPAS Remedy # 353269	This occurs with the First Edit Only. Subsequent edits to Sls var LY % bring back the Sales Build Rate calc.
Multiple Measure load causes severe error	RPAS Remedy # 353317	

Issue	Issue Owner	Resolution / Workaround
Edit to BOP Inv R in Week 2 or to EOP Inv R in Week 1 at aggregate Product Hierarchy levels do not hold.	RPAS Remedy # 353407	All other BOP / EOP Inv edits to other time periods at the aggregate product level work fine.
Sales Contribution to Sales not calculating consistently at Qtr, Season or Year.	RPAS Remedy # 353410	Calculations are correct at the Week and Month levels.