

**Oracle® Retail Merchandising**

Batch Schedule

Release 13.0.5.4

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Oracle Retail Merchandising Batch Schedule, Release 13.0.5.4

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Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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**Note:** Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the new Applications Release Online Documentation CD available on My Oracle Support and [www.oracle.com](http://www.oracle.com). It contains the most current Documentation Library plus all documents revised or released recently.

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# Preface

This batch schedule document details the integrated cyclical processing schedules for the Oracle Retail Merchandising applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Allocation

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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This guide describes the periodic and ad hoc phases of batch processing, as well as pre- and post-processing dependencies.

## Audience

The audiences for this guide are as follows:

- Systems analysts and system operations personnel who need information about Merchandising processes, internally or in relation to systems across the enterprise
- Integrators and implementation staff who have the overall responsibility for implementing the Merchandising applications in their enterprise

## Related Documents

For more information, see the following documentation for the Oracle Retail Merchandising products:

- Oracle Retail Invoice Matching documentation
- Oracle Retail Merchandising System documentation
- Oracle Retail Price Management documentation

## Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:  
<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

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## Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.1) or a later patch release (for example, 13.1.2). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation.

Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

## Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

[http://www.oracle.com/technology/documentation/oracle\\_retail.html](http://www.oracle.com/technology/documentation/oracle_retail.html)

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

## Conventions

**Navigate:** This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

This is a code sample

It is used to display examples of code

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# Introduction to Merchandising Batch Processing

This chapter is a brief introduction to Oracle Retail batch processing. It defines basic terms and concepts, describes batch processing phases, and explains how to interpret the batch schedule diagram and program list.

## Batch Processing

Batch processing is the execution of a group of batch programs (jobs). The results are returned without user intervention. Batch programs are commonly used for the following reasons:

- To process large volumes of transaction data
- To interface with external systems
- To perform internal maintenance

Batch programs can process very large quantities of data quickly and efficiently. Batch programs can perform some updates that could be performed through online transactions, but much more quickly and with less impact on system performance. Batch processing is usually scheduled for times when systems are idle or least busy.

Batch programs can be run automatically using batch scheduler software. The batch scheduler allows batch jobs to be set up in a specific order, with restrictions attached to any program as needed. If an error occurs with a batch program, an administrator must correct the error and manually rerun the batch program that failed.

## Types of Batch Programs

Oracle Retail batch programs are of several types:

- Upload programs bring data from external systems into the Oracle Retail database. For example, the `posupld` program uploads daily transactions that occur at the point of sale (POS) for processing by the Oracle Retail Management System (RMS).
- Download programs extract data from RMS and format it so it can be used by external systems. For example, the `posdnld` program extracts new and changed information about an item/location for downloading to the point of sale.
- System maintenance programs perform tasks such as updating the system date. For example, the `dtesys` program increments the system date at the end of each batch cycle.
- Functional maintenance programs process data specific to a functional area. For example, the `storeadd` program updates a number of tables to create entries for a new store.

## Batch Window

Because of the impact on production systems, it is not always possible to run batch programs during business hours; however, there is a window of opportunity during each day or night when online systems are not being used. This time frame is the *batch window*. For example, a retailer with stores throughout the continental U.S. might require its online systems to be available from 8 AM Eastern Standard Time, when its East Coast offices open, until 9 PM Pacific Standard Time, when its West Coast stores close. This allows an eight-hour batch window for processing all batch jobs.

## Batch Schedule and Phases

Order is critical when running batch programs. Some tasks need to be performed before others. A batch schedule ensures that every time batch processing is performed, the correct tasks are performed in the proper order.

The batch schedule is a diagram that represents all batch programs and how they are sequenced. For each individual user, the schedule is a suggested starting point for the installation. Some programs are specific to products that may not be installed, so these programs may not be used at all.

The total batch schedule is divided into phases. Each phase must be completed before the next phase can begin. Within a phase, there may also be programs that depend on the completion of another program within that phase, so programs within each phase may need to be run in a particular order.

## Merchandising Batch Schedule

The integrated Merchandising batch schedule combines the batch schedules of all Merchandising applications into a single schedule diagram. The diagram (later in this document) shows the batch dependencies among the Merchandising applications.

The integrated Merchandising batch schedule combines the batch modules for the following applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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## Program List

The columns of the program list provide details about each batch program, as follows:

Column	Description
Program name	Name of the program or script
Functional area	Functional area of the application for which the batch program is run
Threaded	Whether the program is threaded (Y/N)
Driver	Program driver
Phase	Phase during which the program is run (see the batch schedule diagram)
Pre-dependency	Programs that must be completed before the program can be run
Post-dependency	Programs that must be run after the program completes successfully
Timing	How often the program is run (for example, daily, weekly, monthly, ad hoc)
Restart/Recovery	Whether the program uses restart/recovery (R=Yes, N=No)
Run Parameters for Program	Command syntax to run the program

For example, the following shows the information in the program list about an RMS phase 3 program named dealday:

Program Name	dealday
Functional Area	Deals
Threaded	Y
Driver	Location
Phase	3
Pre-dependency	dealinc, dealfinc, prepost dealday pre
Post-dependency	prepost dealday post, salmnth
Timing	Monthly
Restart/Recovery	R
Usage	dealday userid/passwd

The program list is grouped in the following order:

- RMS, RTM, and ReSA programs
- RPM programs
- ReIM programs
- RMS extracts for Retail Predictive Application Server (RPAS)
- RMS extracts for Retail Data Warehouse (RDW)

The extracts for RPAS and RDW are programs that are part of the RMS application.

## Batch Schedule Diagram

The batch schedule diagram illustrates the program list pre- and post-dependency details. The layout and notations of the diagram also illustrate required sequences and other processing details. Executing the Merchandising batch processing in the manner diagrammed ensures that all critical dependencies are met.

For ease of setting up a schedule at client site, and also based on logical application dependencies, the diagram is divided into three main sections:

- RMS, RTM, ReIM
- ReSA
- RPM

Later chapters of this document show data flow diagrams for other batch processes:

- Chapter 4 shows the Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to RPAS.
- Chapter 5 shows the RETL dimension and fact data flows for the extracts from RMS to Oracle Retail Data Warehouse (RDW).
- Chapter 6 shows the RETL data flow for the Promotion dimension extract from RPM to RDW.
- Chapter 7 shows the RETL data flow for the Supplier Invoice Cost dimension extract from ReIM to RDW.
- Chapter 8 shows the RETL data flows for the extracts from RMS to Oracle Retail Advanced Inventory Planning (AIP).

### RMS, ReIM, RTM Section

The first section diagrams the RMS, ReIM, and RTM programs and their dependencies. This section is further divided into phases 0 through 7, ad hoc, and date set batch.

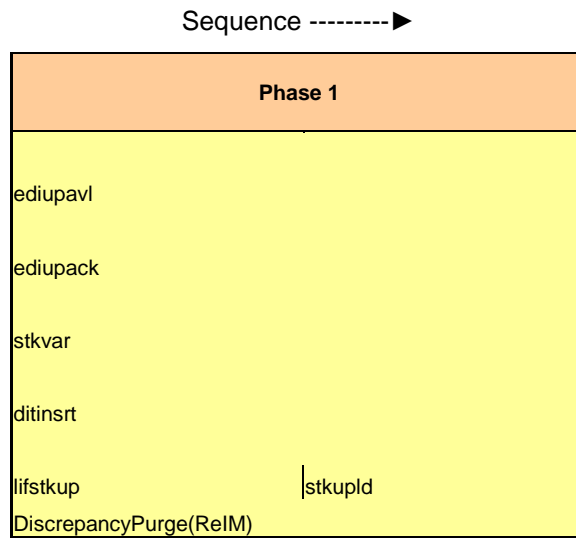
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

Phase	Description
Phase 0	The first phase performs essential table maintenance including: <ul style="list-style-type: none"> <li>▪ Daily purges</li> <li>▪ Updates to currency exchange rates</li> <li>▪ Updates to value-added tax (VAT) data</li> </ul>
Phase 1	This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.
Phase 2	During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).
Phase 3	In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.

Phase	Description
Phase 4	This phase pushes data to external sources. Changed system information is rebuilt. Open to buy (OTB) data is updated. Information is sent to the forecasting system.
Phase 5	This phase consists of ReIM process upload programs.
Phase 6	This phase consists of ReIM process roll-up programs.
Phase 7	This phase consists of ReIM process download programs.
Ad Hoc	Ad hoc batch programs can be run at any time. The ad hoc programs have no phase dependencies.
Date Set	The Date Set phase increments the system date and updates other calendar dates. <b>Note:</b> The date set phase should be the very last phase to run. Even the ad hoc programs should be run before the date set program.

Read the batch schedule diagram from left to right. In the following example, any of the programs (ediupavl, ediupack, stkvar, ditinsrt, lifstkup, DiscrepancyPurge) can start at the same time; however, the stkupld program cannot start until the lifstkup program is successfully completed.



### ReSA Section

This section diagrams the ReSA programs and their dependencies.

### RPM Section

This section diagrams the RPM programs and their dependencies.



## Notations in the Batch Schedule Diagram

### Pipes

Pipes are vertical bars ( | ) that represent the dependencies within a phase. Reading left to right, a pipe indicates that one or more programs to the right depend upon completion of one or more programs to the left.

In the following example, the stkupld module depends on the lifstkup module; that is, the stkupld module can be run only after successful completion of the lifstkup module.

lifstkup	stkupld
----------	---------

In the following example, both of the modules cntrorldb and reqext are dependent on ociroq. Neither cntrorldb nor reqext can be run until the ociroq module has completed successfully.

ociroq	cntrorldb
	reqext

In the following example, the ibcalc module is dependent on both ibexpl and cntrprss. The ibcalc module cannot be run until both ibexpl and cntrprss have completed successfully.

ibexpl	ibcalc
cntrprss	

### Abbreviations

In the diagram, abbreviations in parentheses that follow program names have the following meanings:

Abbreviation	Meaning
(perl)	The module is a Perl script.
(FIF)	The module is related to the Financials application.
(sqlldr)	There is a sqlloader process to load/ftp the output files.
(rebuild all)	There is a rebuild process inside the application.
(IM)	The module is related to Invoice Matching but owned by RMS.
(RMS)	The module belongs to RMS.
<b>(RMS)</b>	(Bold type) The RMS module is executed externally to that phase.
(ReSA)	The module belongs to ReSA.
<b>(ReSA)</b>	(Bold type) The ReSA module is executed externally to that phase.
(ReIM)	The module belongs to ReIM.
(RTM)	The module belongs to RTM.
(Weekly)	The module is executed weekly.
(Monthly)	The module is executed monthly.
(Forms Auditing)	This is an online forms auditing process related to ReSA.

### Footnotes

Footnote symbols (\*, \*\*, †, ‡) refer to footnotes that appear below that phase or section of the diagram.

## prepost Program

The prepost program facilitates multi-threading by allowing general system administration functions (such as table deletions or mass updates) to be completed after all threads of a particular program have been processed. The prepost program must be run before, after, or both before and after, programs that require specific processing to run or complete successfully.

In the batch schedule diagram, the prepost program is indicated by “pre” and “post” entries, as in the following examples.

In the following example, preprocessing is required before running the ociroq program.

<b>pre</b>	<b>ociroq</b>
------------	---------------

In the following example, preprocessing is required before running the stkupd program. Also, post-processing is required after successful completion of the stkupd program.

<b>pre</b>	<b>stkupd</b>	<b>post</b>
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In the following example, post-processing is required after successful completion of the sccest program.

<b>sccest</b>	<b>post</b>
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## Modifications to the Batch Schedule

The integrated Merchandising batch schedule shows the dependencies for all the programs that *could* be run by a retailer. Based on many factors, there will always be some programs that a retailer does not run. Determining which programs, or groups of programs, are not required is a job that should be performed at implementation time.

One major factor involves the applications that the retailer has purchased and wants to install:

- For example, a retailer may have purchased RMS, but not ReIM; in this case, the ReIM programs would not be run.
- Another example is that a retailer may not want to use some functionality within an application. Perhaps a retailer purchased RMS but did not purchase the RDW application. In this case, the retailer may not want to run the programs that extract RMS data to be used later by the RDW application.

These major configuration choices also affect whether some programs are used:

- Whether the Retail Integration Bus (RIB) is used  
For more information about configuring the RIB for Merchandising applications, see “Configuring RPM without the RIB” in the “Backend System Administration and Configuration” chapter of the *Oracle Retail Price Management Operations Guide*.
- Whether full-featured or simplified Retail Price Management (RPM) is used  
For more information about configuring simplified RPM, see the “Backend System Administration and Configuration” chapter in the *Oracle Retail Price Management Operations Guide*.
- Whether full-featured or simplified RTM is used  
For more information about configuring simplified RTM, see the “Oracle Retail Trade Management Batch” chapter in Volume 1 of the *Oracle Retail Merchandising System Operations Guide*.



**RMS,RTM,ReSA Program Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
auditprg	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditprg user/passwd
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwd
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script RPMtoORPOSPublishExport.sh	postocnrid (only if generic POS extract is used) prepost poscnrid post postocnrid (only if generic POS coupon extract is used)	daily	N	batch_orpos_extract.ksh user/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	N/A	N/A	monthly	N	ccprg user/passwd
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid user/passwd broker_file_name
cmprpg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprpg user/passwd
cmprgadd	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmprgadd user/passwd input_file reject_file
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cntrmain user/passwd
cntrorb	Contracting	Y	Contract	3	rpladd	prepost cntrorb post	daily	R	cntrorb user/passwd
cntrps	Contracting	Y	Dept	3	rplxt	prepost cntrps post	daily	R	cntrps user/passwd
costcalc	Deals	Y	Supplier	2	precostcalc	prepost costcalc post	daily	R	costcalc user/passwd supplier (May use the batch_costcalc.ksh for launching this program as it is created based on performance considerations)
cremherdy	Reclassification	N	N/A	4	N/A	prepost cremherdy	daily	R	cremherdy user/passwd
deact	Deals	Y	Deal Id	3	N/A	N/A	daily	R	deact user/passwd
dealcis	Deals	N	N/A	3	N/A	N/A	daily	R	dealcis user/passwd
dealdy	Deals	Y	Location	3	prepost dealdy pre	prepost dealdy post salnmth	monthly	R	dealdy user/passwd
dealex	Deals	Y	Deal Id	3	precostcalc prepost dealex pre	prepost dealex post dealcinc reclidy	daily	N	dealex user/passwd
dealfct	Deals	Y	Deal Id	3	dealcinc prepost dealfct pre	prepost dealfct post salnmth	daily	R	dealfct user/passwd [Y/N - EOM processing ind]
dealfinc	Deals	Y	Deal Id	3	deact dealfact	dealfact dealdy salnmth	weekly/ad hoc	R	dealfinc user/passwd
dealcinc	Deals	Y	Deal Id	3	prepost dealcinc pre	salnmth (if monthly)	monthly	R	dealcinc user/passwd [Y/N - EOM processing ind]
dealsprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	dealsprg user/passwd
dealupld	Deals	Y	File-based	0	(This program is the first one in Deals batch) (This program will likely be run after sales information is uploaded into Oracle Retail)	(All other deals programs)	daily	R	dealupld user/passwd input_file reject_file
dfrtbl	Item Maintenance	Y	Dept	3	ordscnt	(SQL*Load the output file)	daily	R	dfrtbl user/passwd outfile
disctocbpy	OTS	Y	Dept	4	ordscnt	N/A	daily	R	disctocbpy user/passwd
distroccpb	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distroccpb user/passwd dlinrst user/passwd (P or S) (supplier/partner). P or S = program is either run for deals set up by Partner or Supplier.
dlinrst	Deals	N	N/A	1	prepost	costcalc ordscnt	daily	R	it is created based on performance considerations
dyprg	Maintenance	N	N/A	0	N/A	(All other batch programs)	daily	N	dyprg user/passwd
docclose	Receiving	N	N/A	ad hoc	prepost docclose pre sasdypr	N/A	daily	R	docclose user/passwd
diesys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	prepost diesys post	daily	N	diesys user/passwd [ndate--YYMMDD format]
dumnychn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dumnychn user/passwd
ediladd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	ediladd user/passwd ediadd_output ediadd_catalog
edilcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edilcon user/passwd edilcon_outfile
edilvnr	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edilvnr user/passwd output_filename
edilord	Ordering	N	N/A	4	(and after replenishment batch)	N/A	ad hoc	R	edilord user/passwd filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd post	monthly	R	edidprd user/passwd filename
edjprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	edjprg user/passwd
edjupadd	Maintenance	N	File-based	2	N/A	N/A	daily	N	edjupadd user/passwd input_file reject_file
edupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edupack user/passwd data_file reject_file
edupawf	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupawf user/passwd input_file reject_file
edupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	edupcat user/passwd edi_data_file error_file
elccostcalc	Costing	Y	Supplier	ad hoc	N/A	prepost elccostcalc post	ad hoc	R	elccostcalc user/passwd
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	prepost fcstprg post	daily	N	fcstprg user/passwd domain
fcsttbl	Forecasting	Y	Domain Id	3	N/A	prepost fcsttbl post	weekly	R	fcsttbl user/passwd
fcsttbl_sbc	Forecasting	Y	Domain Id	3	prepost fcsttbl post salstage	N/A	weekly	R	fcsttbl_sbc user/passwd
ffigldn1	Financial Interface	Y	Dept	3	N/A	prepost ffigldn1 post	daily	R	ffigldn1 user/passwd
ffigldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ffigldn2 user/passwd
ffigldn3	Financial Interface	Y	Store/Wh	3	salnmth	N/A	monthly	R	ffigldn3 user/passwd
fimednd	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fimednd user/passwd
goadp	Misc Interface - Taxcode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	goadp user/passwd password@environment <infile> <outfile>
genpress	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpress user/passwd
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupld user/passwd input_file rej_file
hstbl	Sales	Y	Location	3	postupld prepost hstbl pre (for rebuild all)	prepost hstbl post	weekly	R	hstbl user/passwd level(weekly/rebuild)
hstbl_diff	Sales	N	N/A	ad hoc	hstbl	N/A	ad hoc	N	hstbl_diff user/passwd
hstblmth	Sales	Y	Dept	3	postupld	prepost hstblmth post	monthly	R	hstblmth user/passwd level(monthly/rebuild)
hstblmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hstbl post (Run SQL*Loader using the control file hstmthupd.ctf to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	ad hoc	N	hstblmth_diff user/passwd
hstmthupd	Sales	Y	Location	3	N/A	Run SQL*Loader using the control file hstmthupd.ctf to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST	monthly	R	hstmthupd user/passwd (out_file)
hstrg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrg user/passwd
hstrg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrg_diff user/passwd
hstwkupd	Sales	Y	Store/Wh	3	N/A HS240, to 2400 (perl script) Ushs2rms (perl script)	N/A	weekly	R	hstwkupd user/passwd (out_file)
htsupld	Trade Management	Y	File-based	ad hoc	prepost htsupld pre ibexpl rplxt	N/A	ad hoc	R	htsupld user/passwd input_file reject_file country_id; perl hts_240_2400 inputfile outfile; perl ushts2rms inputfile outfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	prepost ibcalc pre	rtblid	daily	R	ibcalc user/passwd
ibexpl	Investment Buy	N	N/A	3	rplxt	ibcalc	daily	N	ibexpl user/passwd
invarg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A	monthly	N	invarg user/passwd
invclshp	Invoice Matching	N	N/A	2	N/A	N/A	daily	N	invclshp user/passwd
invprg	Invoice Matching	N	N/A	ad hoc	ordprg	N/A	monthly	R	invprg user/passwd
icridid	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	icridid user/passwd output_file
icridid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	icridid user/passwd
lcmndid	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmndid user/passwd output_file
lcup798	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A	daily	R	lcup798 user/passwd input_file rej_file
lcupid	Letter of Credit	N	N/A	2	lcm730 (perl script)	N/A	daily	R	lcupid user/passwd input_file rej_file
lflstkup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stskupld	daily	N	lflstkup user/passwd input_file output_file

likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore post	daily	R	likestore user/passwd	
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv	daily	R	mrt user/passwd	
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg user/passwd	
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrttrv	daily	R	mrttrv user/passwd	
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A	daily	R	mrtupd user/passwd	
nwpurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwpurge user/passwd	
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A	yearly	R	nwpyearend user/passwd	
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq user/passwd	
onordext	Planning System Interface	Y	Transfer	4	onordext	onordnd	weekly	R	onordext user/passwd datefile	
onordnd	Planning System Interface	Y	Store/Wh	4	onordext	N/A	daily	R	onordnd user/passwd	
onordext	Planning System Interface	Y	Order	4	prepost onordext pre	onordext	daily	R	onordext user/passwd datefile	
ordautcl	Ordering	Y	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd	
orddsont	Deals	Y	Supplier	4	reclsdly	discotbapply	dealds	daily	orddsont user/passwd	
ordng	Ordering	N	N/A	ad hoc	N/A	invprg	monthly	N	ordng user/passwd	
ordrev	Ordering	N	N/A	4	orddsont	edidord	daily	R	ordrev user/passwd	
ordupd	Ordering	N	N/A	4	scocxt	otbdisal	daily	N	ordupd user/passwd	
otbdord	OTB	N	N/A	4	ordupd	otbdord	daily	R	otbdord user/passwd output_file	
otbdisal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdisal user/passwd output_file	
otbdnd	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnd user/passwd output_file	
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd	
otbupfld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupfld user/passwd input_file reject_file	
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld user/passwd input_file reject_file	
poscndid	Point of Sale Interface	N	N/A	4	poscndid	prepost poscndid post	daily	R	poscndid user/passwd outputfile	
posndid	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posndid post	daily	R	posndid user/passwd output_filename	
posgddid	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgddid user/passwd output_file	
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	daily	R	posupld user/passwd infile ref file vaffle itemfile lockfile	
prchstrg	Pricing	Y	N/A	ad hoc	N/A	N/A	daily	Y	prchstrg user/passwd	
precostcalc	Deals	Y	Supplier	2	ditnsrt	prepost precostcalc pre	daily	R	precostcalc user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)	
reclsdly	Prepost functionality	Y	N/A	all phases	N/A	N/A	daily	R	prepost user/passwd program pre_or_post	
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost reclassly post	daily	R	reclsdly user/passwd process_mode	
repladj	Replenishment	Y	Dept	3	rplatud	reqext	daily	R	repladj user/passwd	
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	N/A	ad hoc	N	replsizeprofile user/passwd Y/N (Y/N indicator indicates if allocations is installed or not, if installed pre job for this program has to be run prepost replsizeprofile pre)	
reqext	Replenishment	Y	Partition (Item)	3	prepost reqext pre storeadd	prepost reqext post	rplext	daily	reqext user/passwd partition_position (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations)	
rlmaint	Replenishment	Y	Location	3	scocxt	prepost rlmaint post repladj	daily	R	rlmaint username/password	
rlapprv	Replenishment	N	N/A	3	rplatud	prepost rlapprv pre	daily	R	rlapprv user/passwd	
rplathistprg	Replenishment	N	N/A	ad hoc	N/A	N/A	ad hoc	N	rplathistprg user/passwd (This batch may be run only if repl_latr_hist_retention_weeks in system_options table is set)	
rplatud	Replenishment	Y	Location	3	prepost rplatud pre	prepost rplatud post repladj	rplext	daily	rplatud user/passwd	
rbid	Replenishment	Y	Supplier	3	ibcalc	reqext	daily	R	rbid username/password	
rplext	Replenishment	Y	Dept	3	prepost rpl pre	prepost rplext post	cntrprsf	daily	rplext user/passwd dept (May use the batch_rplext.ksh for launching this program as it is created based on performance considerations)	
rplprg	Replenishment	N	N/A	ad hoc	N/A	N/A	daily	N	rplprg user/passwd	
rplprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rplprg_month user/passwd	
rplplit	Replenishment	Y	Supplier	3	supcnstr	rplapprv	daily	R	rplplit user/passwd	
rpmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optional)	
rtrvrg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rtrvrg user/passwd	
sacrypt	Sales Audit	Y	Store/Day	SA	sagetref	N/A	daily	N	sacrypt user/passwd infile outfile key_file e/d (Encryption/Decryption indicator) Note: outfile generated by batch is infile for saimptog.	
saescheat	Sales Audit	N	N/A	SA	satotals	saexpim	sapurge	monthly	R	saescheat user/passwd
saexpach	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpach user/passwd	
saexpgl	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpgl user/passwd	
saexpim	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpim user/passwd	
saexprow	Sales Audit	Y	Store	SA	sapreexp	resa2rdw(per script)	daily	R	saexprow user/passwd ; perf resa2rdw inputfile outputfile	
saexprms	Sales Audit	Y	Store	SA	satotals	saprepost saexprms post	daily	R	saexprms user/passwd	
saexpuar	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpuar user/passwd	
sagetref	Sales Audit	N	N/A	SA	saistpog	saistpog	daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile ccvaffile	
saimpadj	Sales Audit	N	N/A	SA	saistpog	satotals	daily	R	saimpadj user/passwd (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).	
saimptog	Sales Audit	Y	Store/Day	SA	saprepost saimptog pre	saistpog	daily	N	saimptog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupfile storedayfile promfile codesfile errorfile ccvaffile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile banfile	
saimptogfn	Sales Audit	N	N/A	SA	saistpog	saistpog	daily	R	saimptogfn user/passwd store_day_file	
saimptogdup_upd	Sales Audit	N	Store/Day	SA	N/A	N/A	after store day deR	R	saimptogdup_upd user/passwd storedayfile storeposfile	
salapnd	Stock Ledger	N	N/A	3	figldn1	N/A	daily	R	salapnd user/passwd	
salldy	Stock Ledger	Y	Store/Wh	3	figldn2	salweek	daily	R	salldy user/passwd	
salnth	Stock Ledger	Y	Dept	3	salstage	N/A	half yearly	R	salnth user/passwd	
salns	Sales	N	N/A	0	N/A	N/A	daily	R	salns user/passwd	
salmaint	Stock Ledger	N	N/A	ad hoc	N/A	N/A	half yearly	N	salmaint user/passwd pre_or_post	

salwmh	Stock Ledger	Y	Dept	3	salweek	prepost salwmh post	monthly	R	salwmh user/passwd
salprg	Stock Ledger	N	N/A	ad hoc	pre_dwi_extract.ksh(RMS to RDW RETL Extract)	N/A	daily	N	salprg user/passwd
salstage	Stock Ledger	N	N/A	3	postupld saldy stkdy salapnd prepost salweek pre dealct rpmovavg fkgdn2	salweek fkgdn1	daily	N	salstage user/passwd
salweek	Stock Ledger	Y	Dept	3	vendinv	salwmh	weekly	R	salweek user/passwd
saprexp	Sales Audit	N	N/A	SA	SA audit process	(Before any SA export process)	daily	R	saprexp user/passwd
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost user/passwd program_pre_or_post
sapurge	Sales Audit	Y	Store	SA	saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	saprepost sapurge post	daily	R	sapurge user/passwd deleted_items_file (optional list of store days to be deleted)
sanules	Sales Audit	N	N/A	SA	saotals (It should run before the DTESYS batch program and before the next store/day's transactions are received)	saprexp saescheat	daily	R	sanules user/passwd store_no
sastrycr	Sales Audit	N	N/A	date_set	transactions are received)	dtesys	daily	R	sastrycr user/passwd (YY'YMMDD)
saotals	Sales Audit	N	N/A	SA	saotals	saotals	daily	R	saotals user/passwd store_no
saovouch	Sales Audit	N	N/A	SA	saovouch	saovouch	daily	R	saovouch user/passwd infile ref file tendertype_file
scocent	Costing	Y	Cost change	3	costidex.ksh (RMS to RDW RETL extract)	prepost scoxent post	daily	R	scoxent user/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd
stmain	Item Maintenance	N	N/A	ad hoc	lcnrid	N/A	ad hoc	R	stmain user/passwd
southnd	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	southnd user/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy user/passwd
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg user/passwd
stkschedp	Stock Ledger	Y	Location	0	N/A	N/A	daily	R	stkschedp user/passwd
stskupd	Stock Ledger	Y	Location	3	prepost stskupd pre stskupd	prepost stskupd post	daily	R	stskupd user/passwd
stskvar	Stock Ledger	Y	Dept	1	stskvar	N/A	daily	R	stskvar user/passwd input_file reject_file stskvar user/passwd [ report_file_name ]
stskp	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	
stskp	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	
stskp	Stock Ledger	Y	Dept	3	stkschedp	stskupd	daily	R	stskp user/passwd
stlgnid	Stock Ledger	Y	Dept	4	wasstadj	N/A	weekly	R	stlgnid user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	ikestore	daily	R	storeadd user/passwd
supcntr	Replenishment	N	N/A	3	rpibid	rpibid	daily	R	supcntr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth user/passwd
tampcrtn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampcrtn user/passwd
tocthid	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tocthid user/passwd filename_print_online_invdays_in_advance [location]
tlpscdn	Sales Tax	N	N/A	4	tlpscdn	prepost tlpscdn post	daily	R	tlpscdn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile
tsfclse	Transfers	Y	Transfer	ad hoc	N/A	N/A	daily	R	tsfclse user/passwd
tsfgrg	Transfers	N	N/A	ad hoc	N/A	prepost tsfgrg post	monthly	R	tsfgrg user/passwd
txrpscdn	Point of Sale Interface	N	N/A	ad hoc	N/A	tlpscdn	daily	R	txrpscdn user/passwd
trtpuld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trtpuld username/password input_file reject_file
vatxp	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatxp post	daily	R	vatxp user/passwd
vendinv	Deals	Y	Deal Id	3	dealact salstage(if daily) prepost vendinv pre	salwmh (if monthly) prepost vendinv post salweek(if weekly)	daily	R	vendinv user/passwd
vendinv	Deals	Y	Deal Id	3	prepost vendinv pre	salwmh (if monthly)	daily	R	vendinv user/passwd
vrplbid	Replenishment	Y	Supplier	2	edupack	prepost vrplbid post	daily	R	vrplbid user/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stskp	daily	R	wasteadj user/passwd
wfcoctalc	Costing	Y	Store_Wh	2	coctcalc prepost wfcoctalc pre	wfcoctalc post	daily	R	wfcoctalc user/passwd
wfordcls	Ordering	Y	Wholesale Order ID	ad hoc	N/A	wfordprg	daily	R	wfordcls user/passwd
wfordprg	Ordering	Y	Wholesale Order ID	ad hoc	N/A	N/A	daily	R	wfordprg user/passwd
wfordupld.ksh	Ordering	Y	CustomerRefId	ad hoc	N/A	N/A	ad hoc	R	wfordupld.ksh user/passwd input_file_directory output_file_directory number_of_threads
wftrng	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A	daily	R	wftrng user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost whadd post	daily	R	whadd user/passwd
whstrag	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs)	prepost whstrag post	daily	R	whstrag user/passwd

### RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	reclass(RMS)	NewItemLocBatch	daily/ad hoc	N	itemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch	daily/ad hoc	N	NewItemLocBatch.sh rpm-app-userid password [status [error-commit-count]]
LocationMoveScheduleBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch, PriceEventExecutionBatch	daily, adhoc	N	locationMoveScheduleBatch.sh rpm-app-userid password
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch LocationMoveBatch	PriceEventExecutionBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS) PriceEventExecutionBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionBatch	PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N	N/A	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	storeadd (RMS) WorksheetAutoApproveBatch PriceStrategyCalendarBatch	WorksheetAutoApproveBatch	daily	N	MerchExtractKickOffBatch.sh rpm-app-userid password
PurgeBulkConflictCheckAntifacts	Conflict Checking	N	N/A	N/A	wfcoctalc (RMS) MerchExtractKickOffBatch	Wholesale Item Catalog Report (RMS)	daily	N	purgeBulkConflictCheckAntifacts.sh rpm-app-userid password
RPMTORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	N/A	daily	N	ksh RPMTORPOSPublishBatch.sh -userid/passwd@sid -<log path> -<error path>
RPMTORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMTORPOSPublishBatch.sh	N/A	daily	N	ksh RPMTORPOSPublishExport.sh -userid/passwd@sid -<Number of slots> -<logpath> -<error path> -<Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
RegularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	RegularPriceChangePublishBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	Y	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]







rmse_aip_item_supp_country.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_merchier.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_orghier.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_res_city.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, vplbld, cntrodb, reqext	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_store.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, storeadd, likestore, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_substitute_items.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_suppliers.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_tsf_in_well.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, reqext	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_wh.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, whadd and dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_store_cur_inventory.ksh	AIP interface	Y	Item_loc_soh (number of	AIP RETL Extracts reqext, posupid	Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned
rmse_wh_cur_inventory.ksh	AIP interface	Y	Warehouse	AIP RETL Extracts extract), stkvar, wasteadj, salstage, reqext	Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned





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## Interface Diagrams for RMS and RPAS

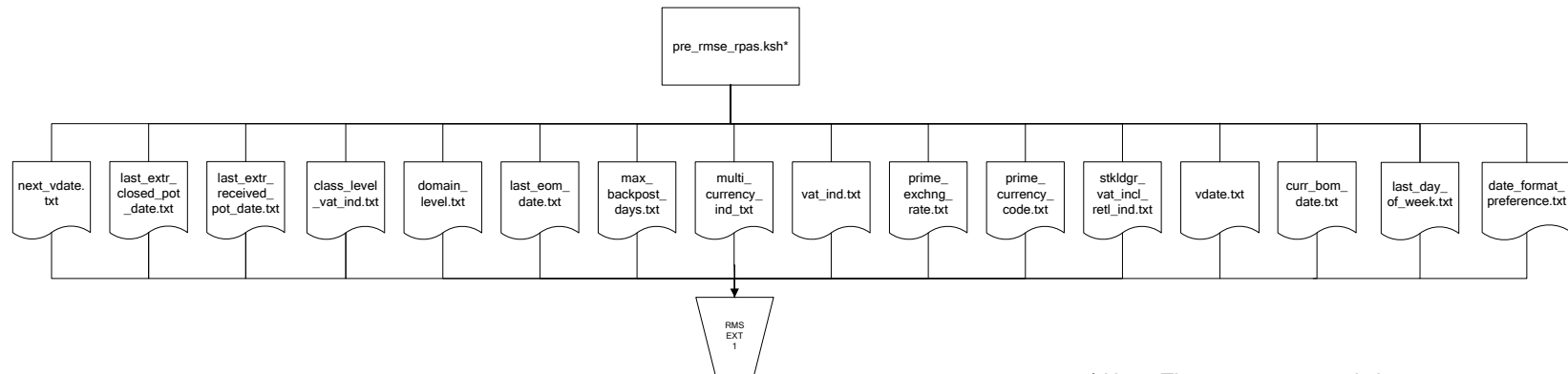
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

This chapter presents flow diagrams for data processing from sources. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. After initial interface processing of the source, the diagrams illustrate the flow of the data.

Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. Refer to the *Oracle Retail Merchandising System Operations Guide* for more information about these interface programs.

## RMS Pre/Post Extract Diagrams

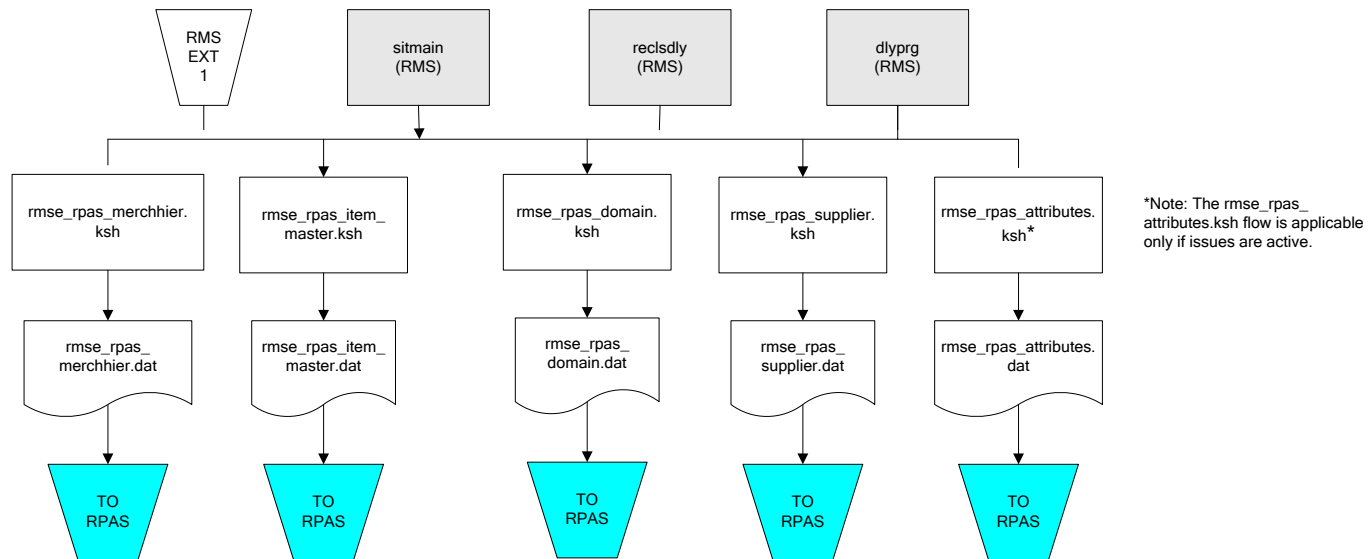
### RMS Pre RETL Extract Maintenance



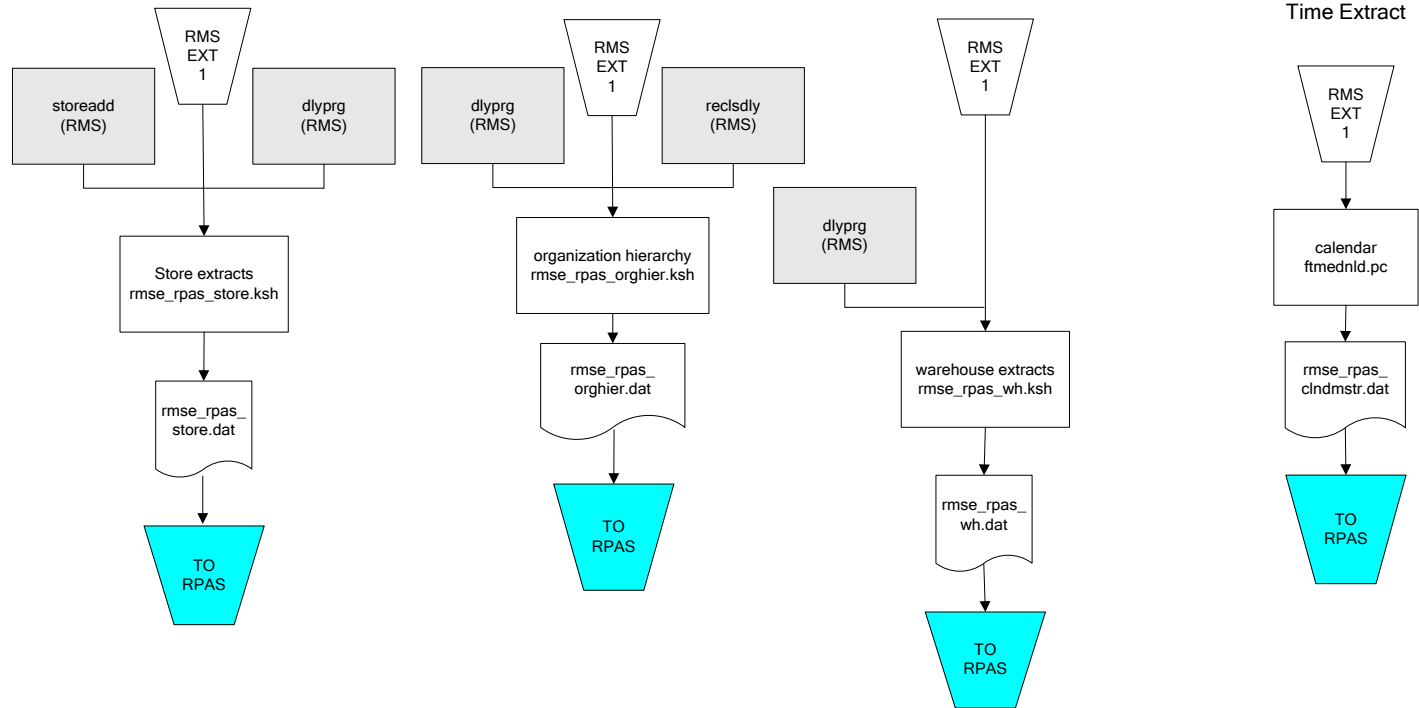
\* Note: The pre\_rmse\_rpas.ksh program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional -c parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

## RMS Foundation Data Extract Diagrams

Merchandise Hierarchy for RPAS

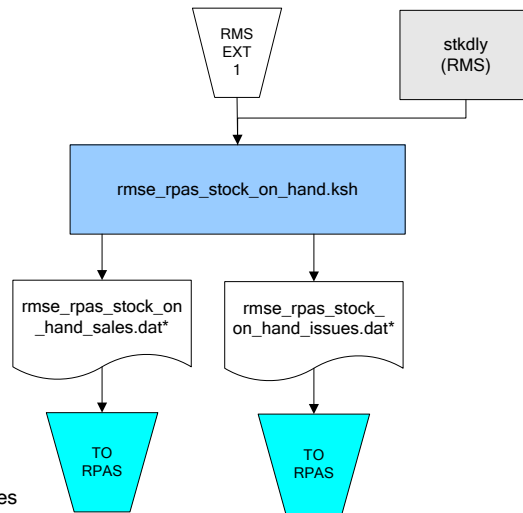


### Organization Hierarchy for RPAS





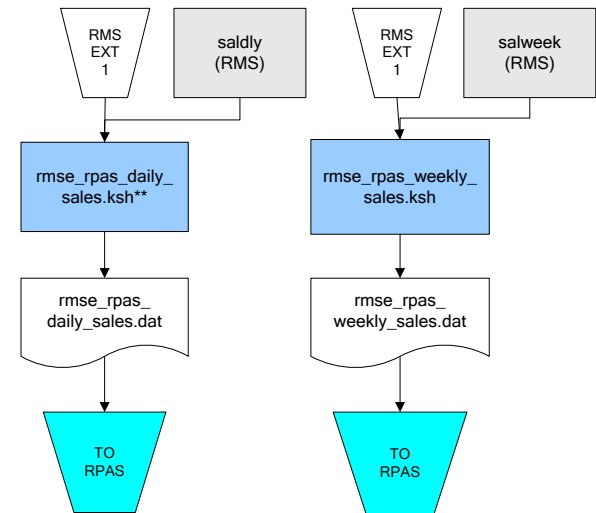
## RMS Fact Data Extract Diagrams



\* Note:  
 If issues are active, the following two files result from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_issues.dat  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

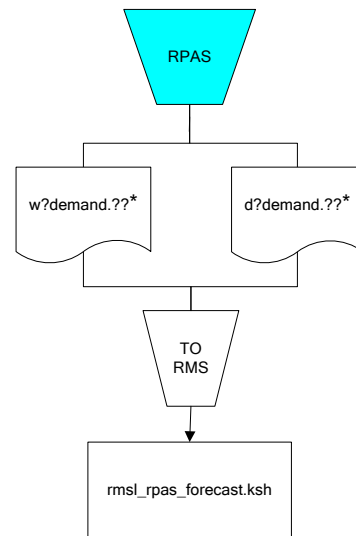
If issues are not active, the following file results from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

## Sales Extracts For RPAS



\*\* Note:  
 Depending upon the configuration of rmse\_rpas\_daily\_sales.ksh, the data can be pulled from TRAN\_DATA\_HISTORY or TRAN\_DATA.

## RPAS-RMS Fact Load Diagram



\*Note:

? can represent the following:

- i (for issues)
- s (for stores)

?? represents domain 01-99.

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## Interface Diagrams for RMS and RDW

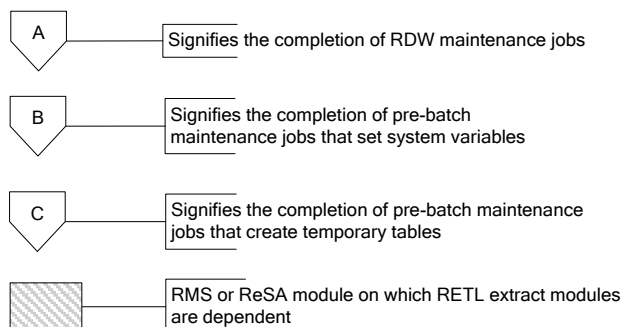
RMS works in conjunction with the Oracle Retail Extract Transform and Load (ETL) framework. ETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing capabilities.

This chapter presents flow diagrams for the ETL extraction RMS programs. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. Note that the data flows are organized according to the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

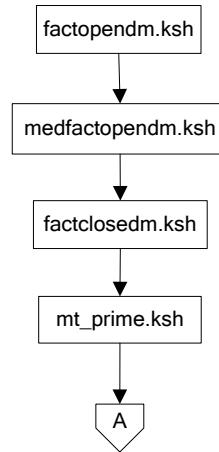
For summary information about the configuration, architecture, and features of ETL programs utilized in RMS/ReSA extractions, see the *Oracle Retail Management System Operations Guide Volume 3—Backend Configuration and Operations*. For more information about the ETL tool, see the current *ETL Programmer's Guide*.

### Legend

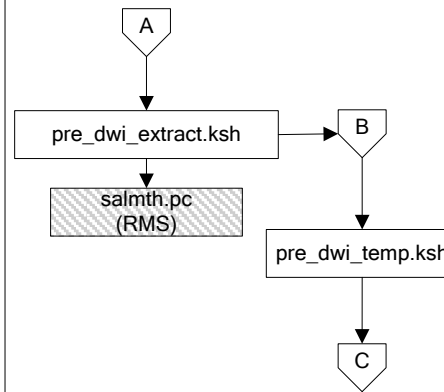


Note:  
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

### RDW Maintenance

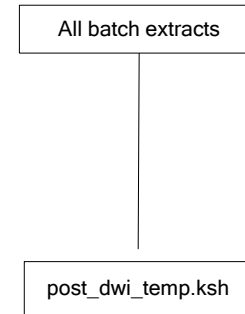


### Pre-Batch Maintenance

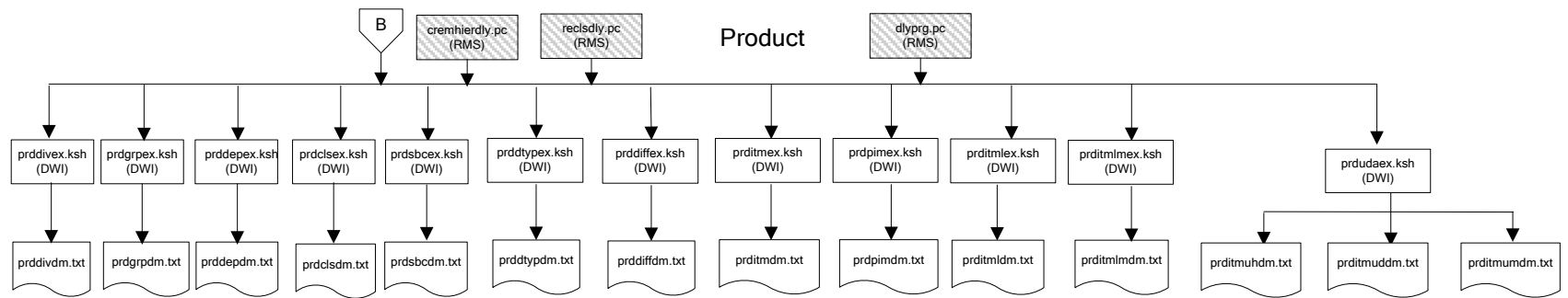


Note:  
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

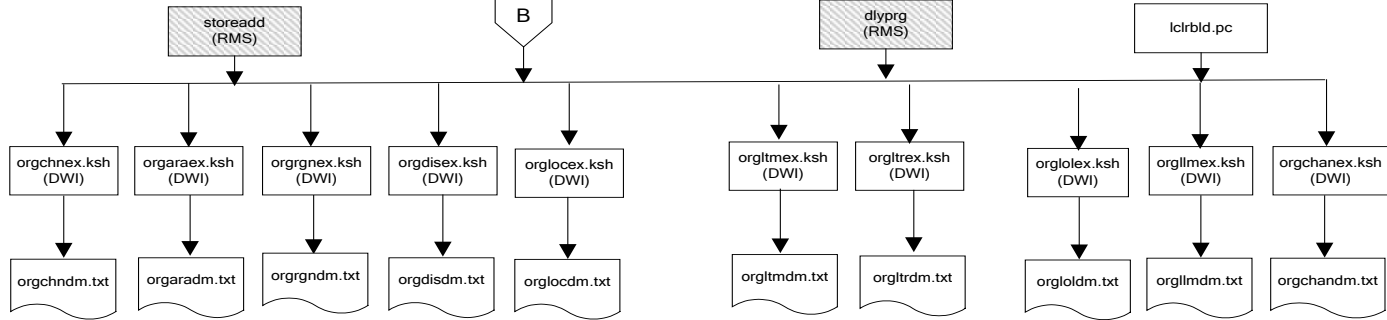
### Post-Batch Maintenance



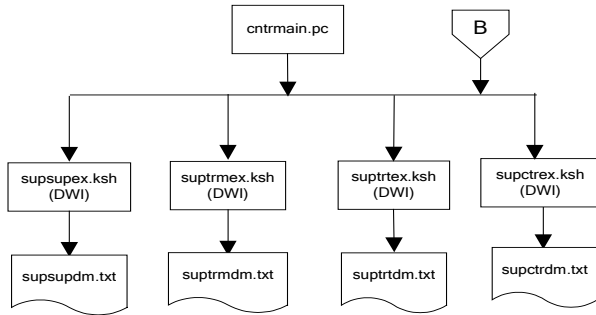
## Dimension Dataflows



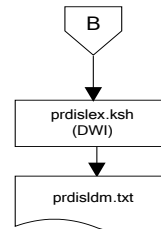
### Dimension Dataflows



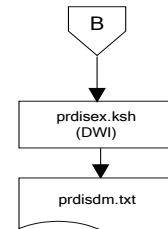
### Supplier Dimension



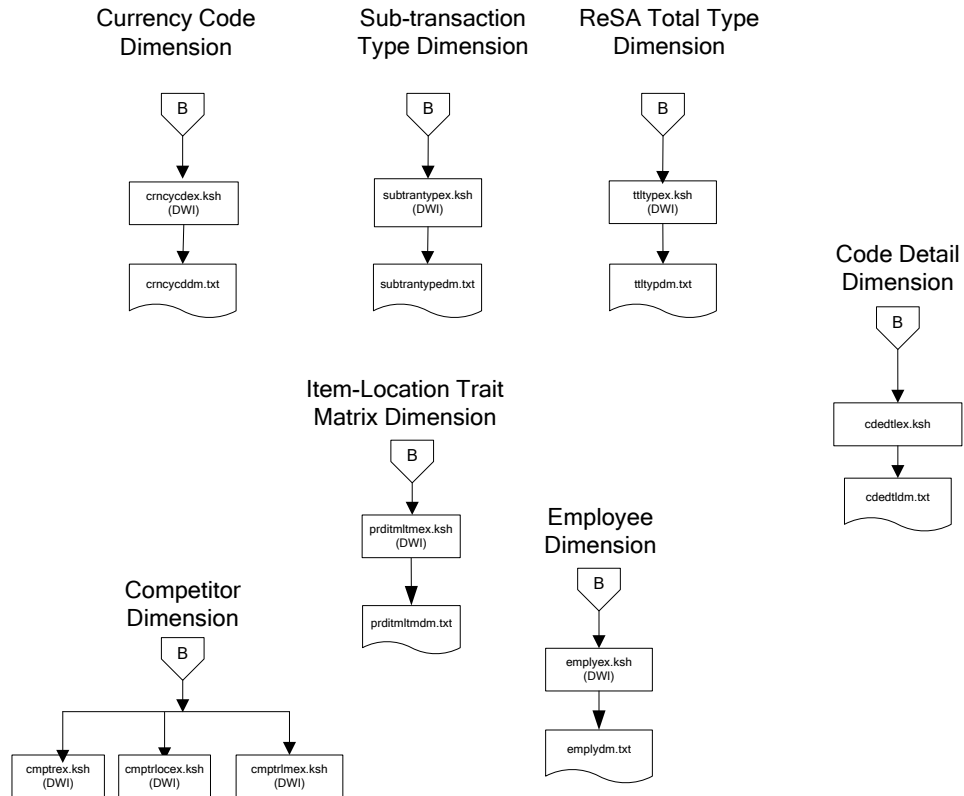
### Item-Supplier-Location Matrix Dimension



### Item-Supplier Dimension

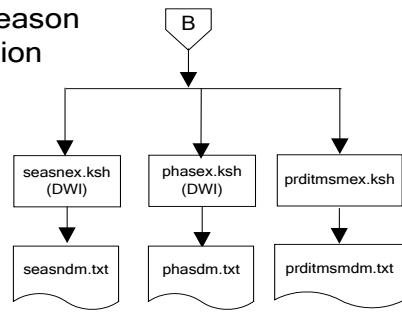


## Dimension Dataflows

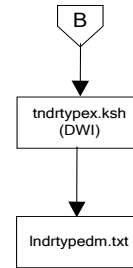


## Dimension Dataflows

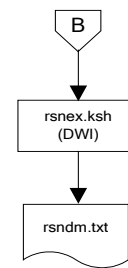
### Product Season Dimension



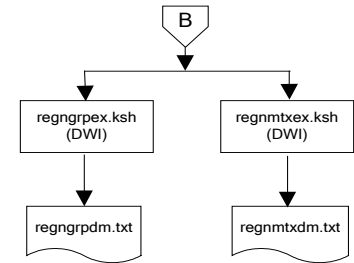
### Tender Type Dimension



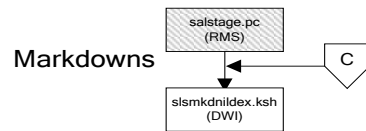
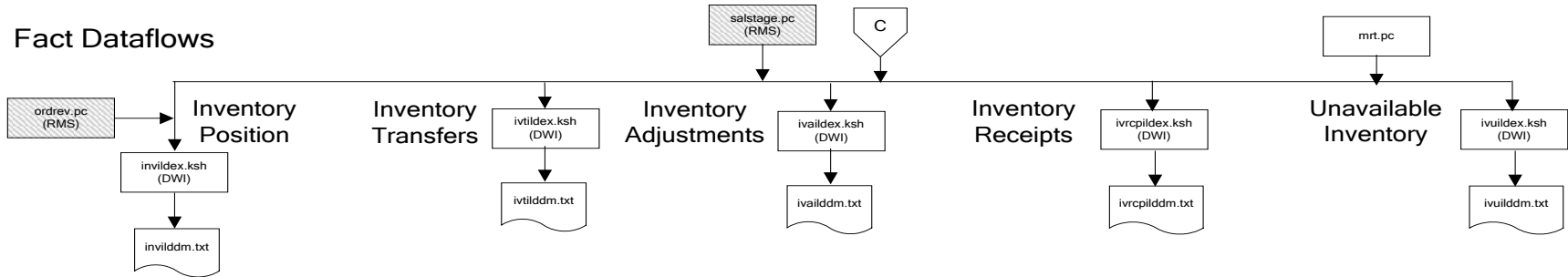
### Reason Dimension



### Regionality Dimension

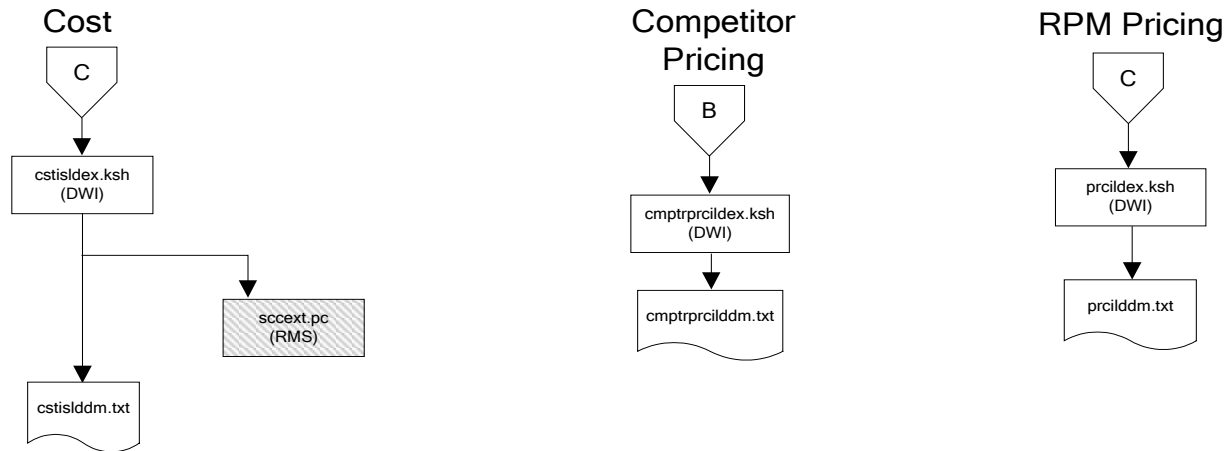


## Fact Dataflows

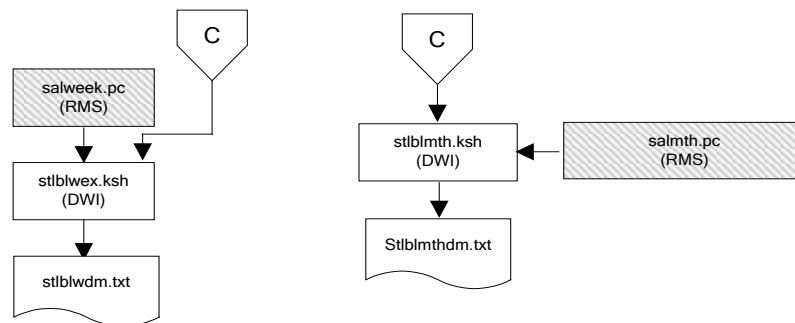




## Fact Dataflows

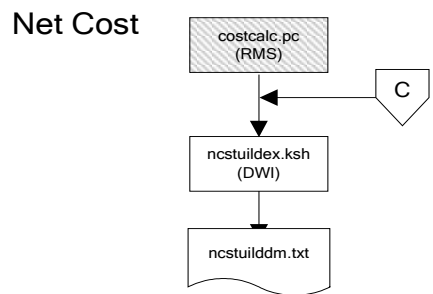
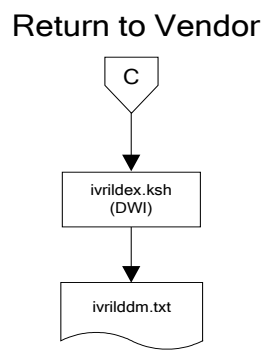
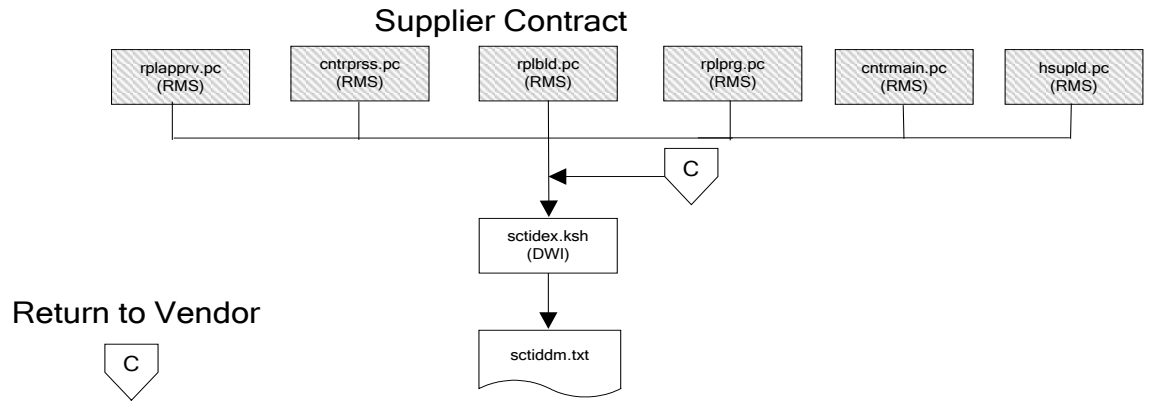
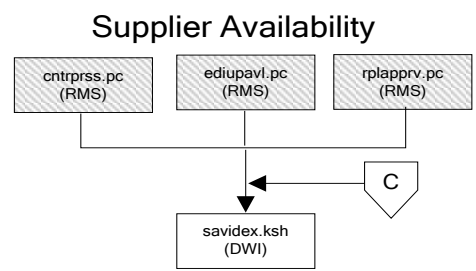


## Stock Ledger



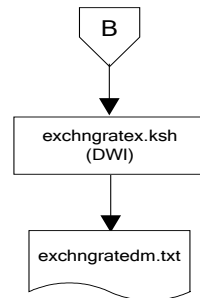
**Note:**  
Run stock ledger fact loads once weekly.

# Fact Dataflows

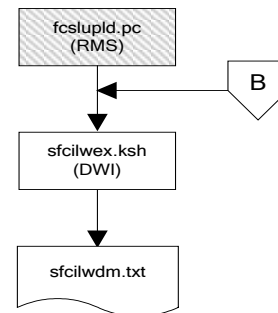


## Fact Dataflows

### Exchange Rates

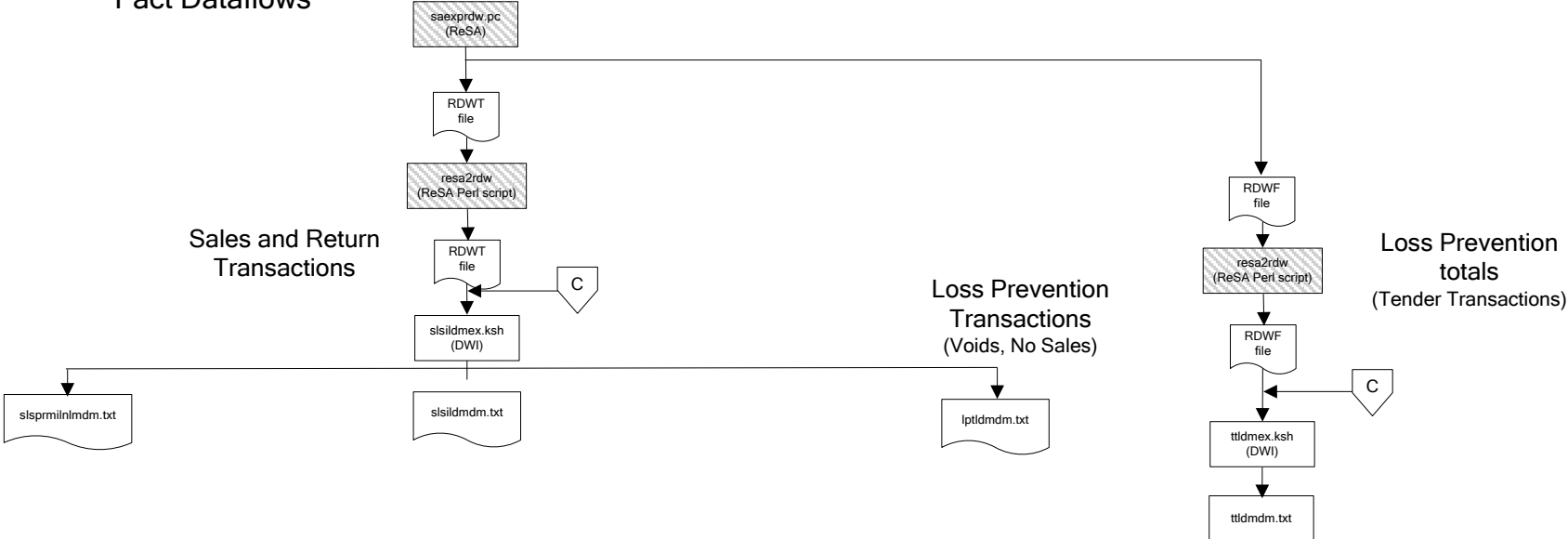


### Sales Forecasts

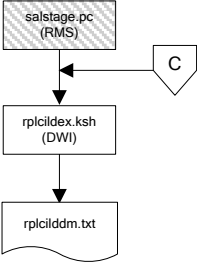


**Note:**  
Run sales forecast fact loads  
once weekly.

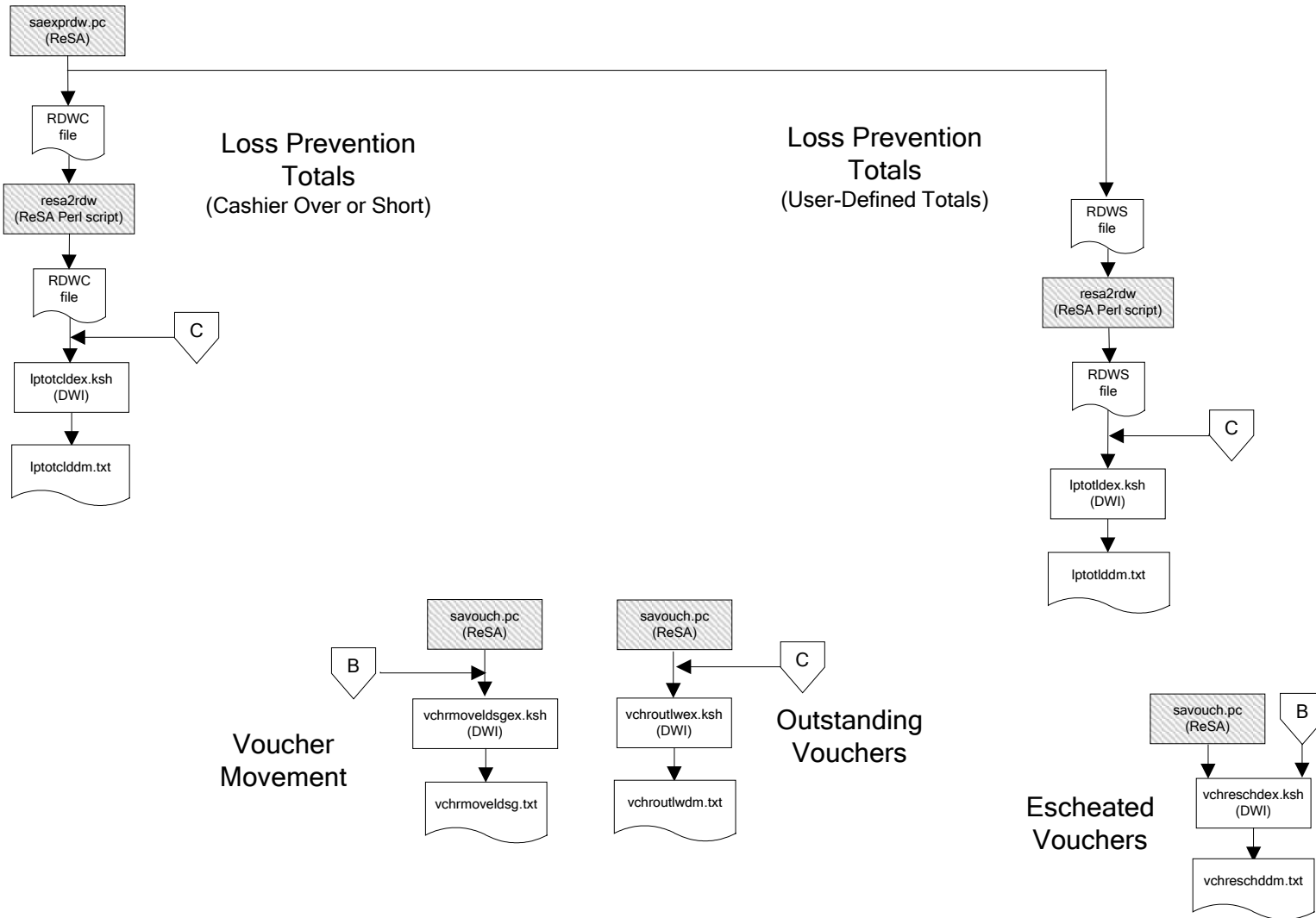
Fact Dataflows



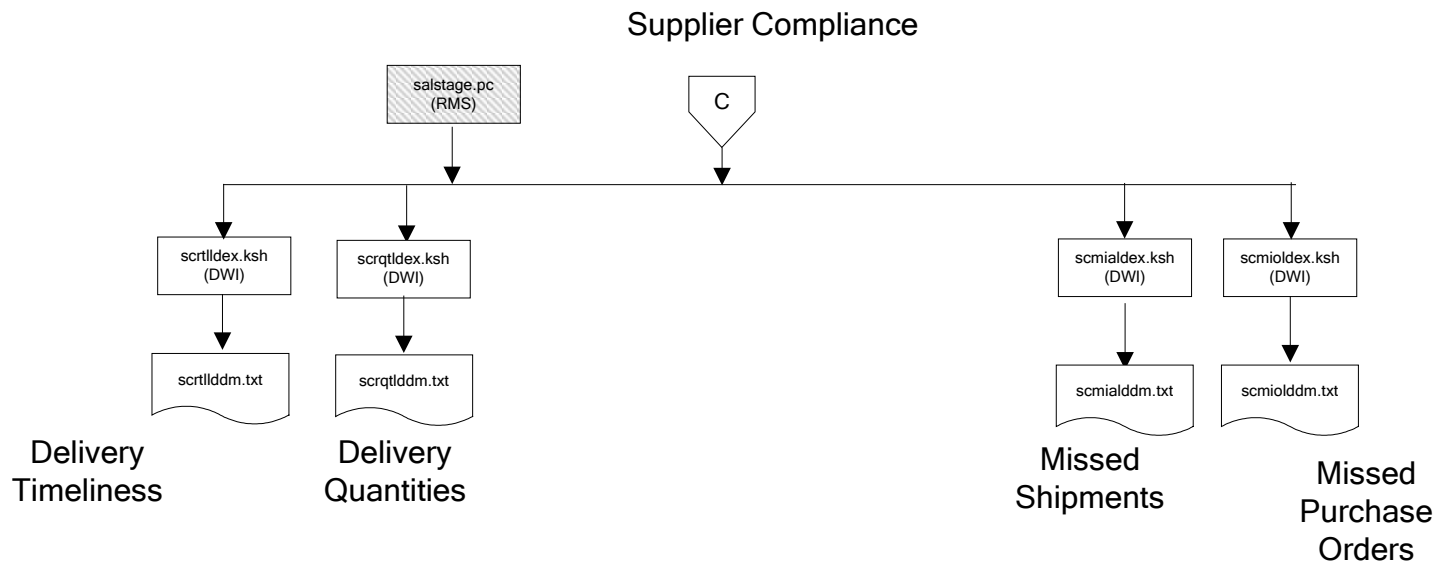
Replacement



# Fact Dataflows



## Fact Dataflows



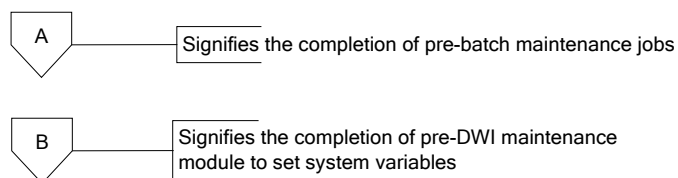
## Interface Diagram for RPM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from RPM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

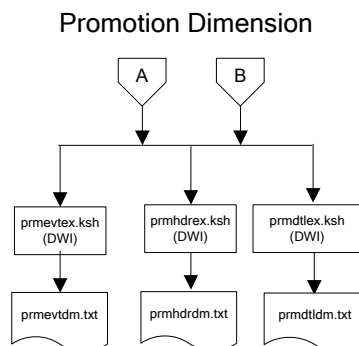
For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

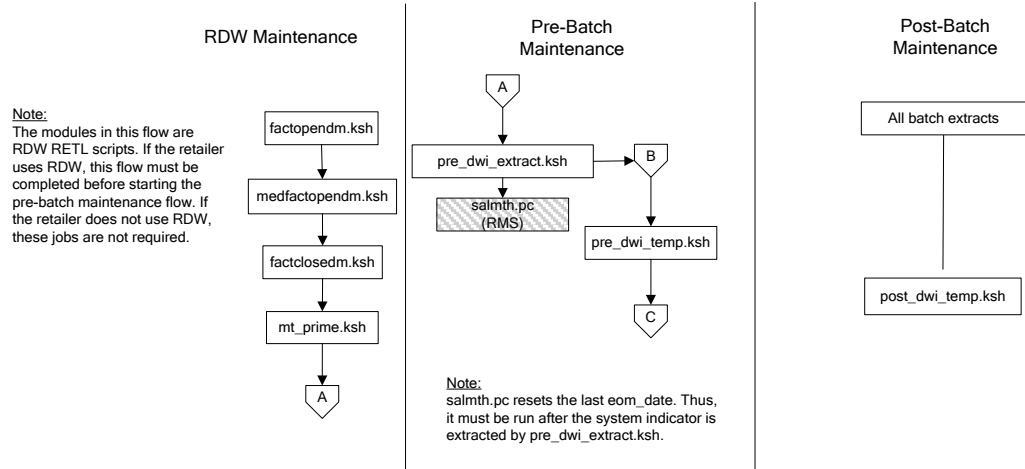
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram







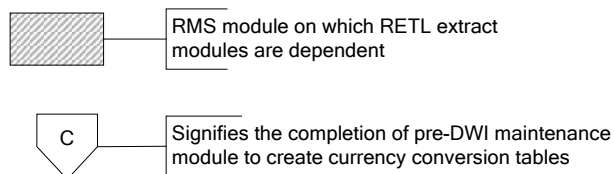
## Interface Diagram for ReIM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from ReIM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

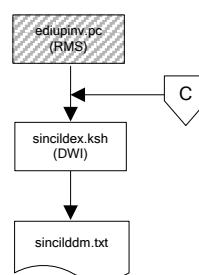
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

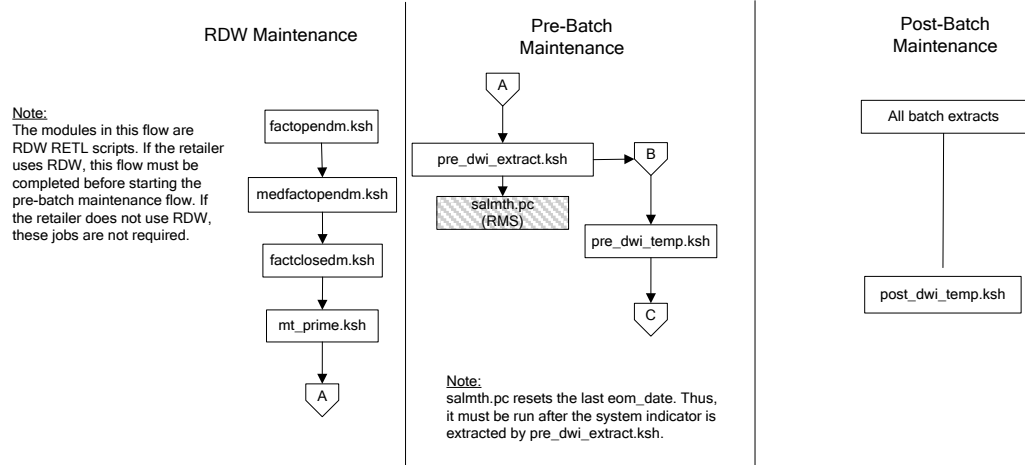
### Legend



### Program Flow Diagram

#### Supplier Invoice Cost





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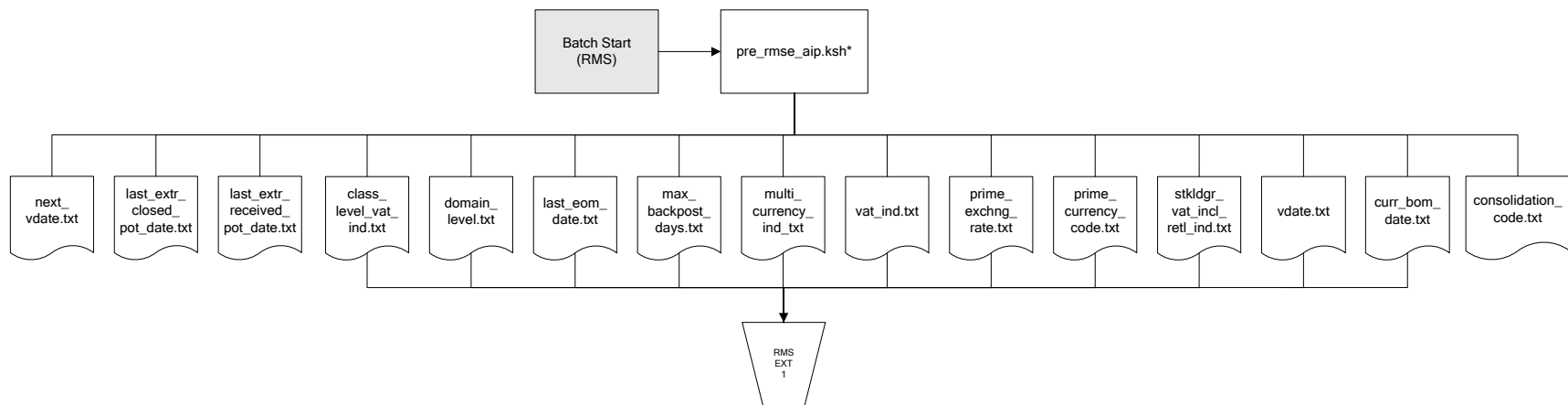
## Interface Diagrams for RMS and AIP

This chapter presents flow diagrams for RETL extract data processing from RMS to AIP. The RMS program or output file is illustrated, along with the program or process that interfaces with the source. The diagrams illustrate the flow of the data after initial interface processing of the source.

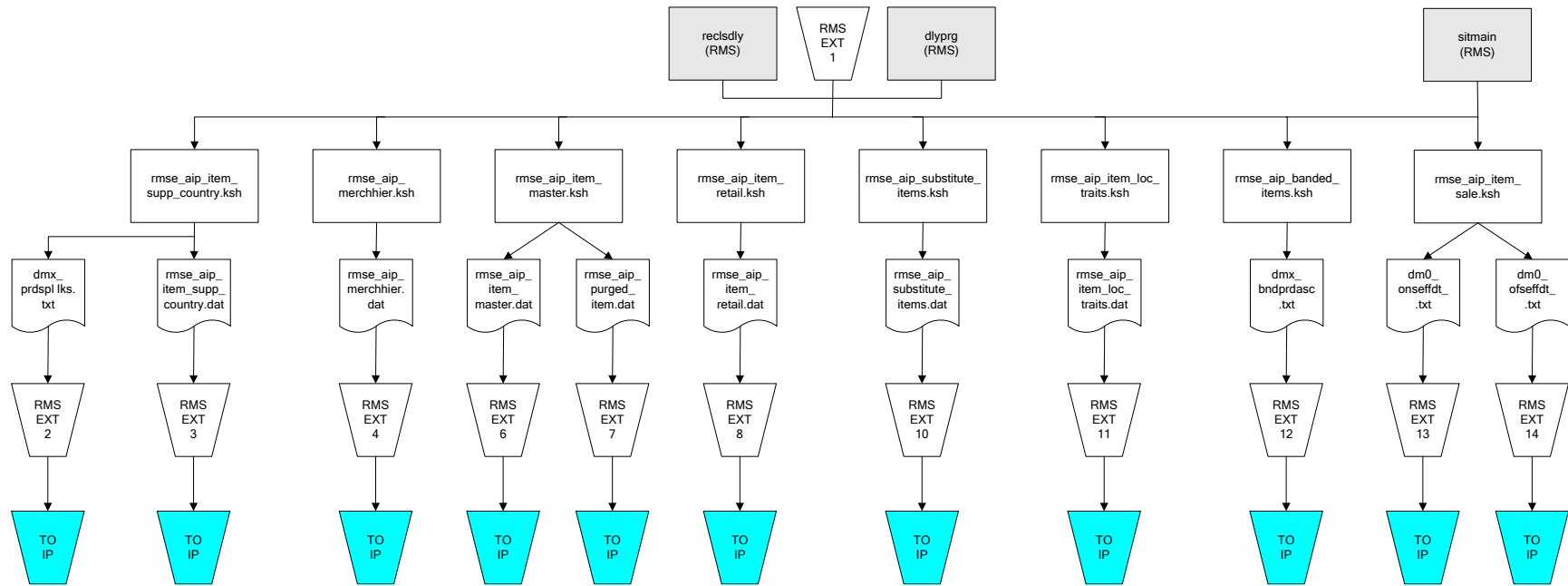
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

## RMS Pre/Post Extract Diagrams

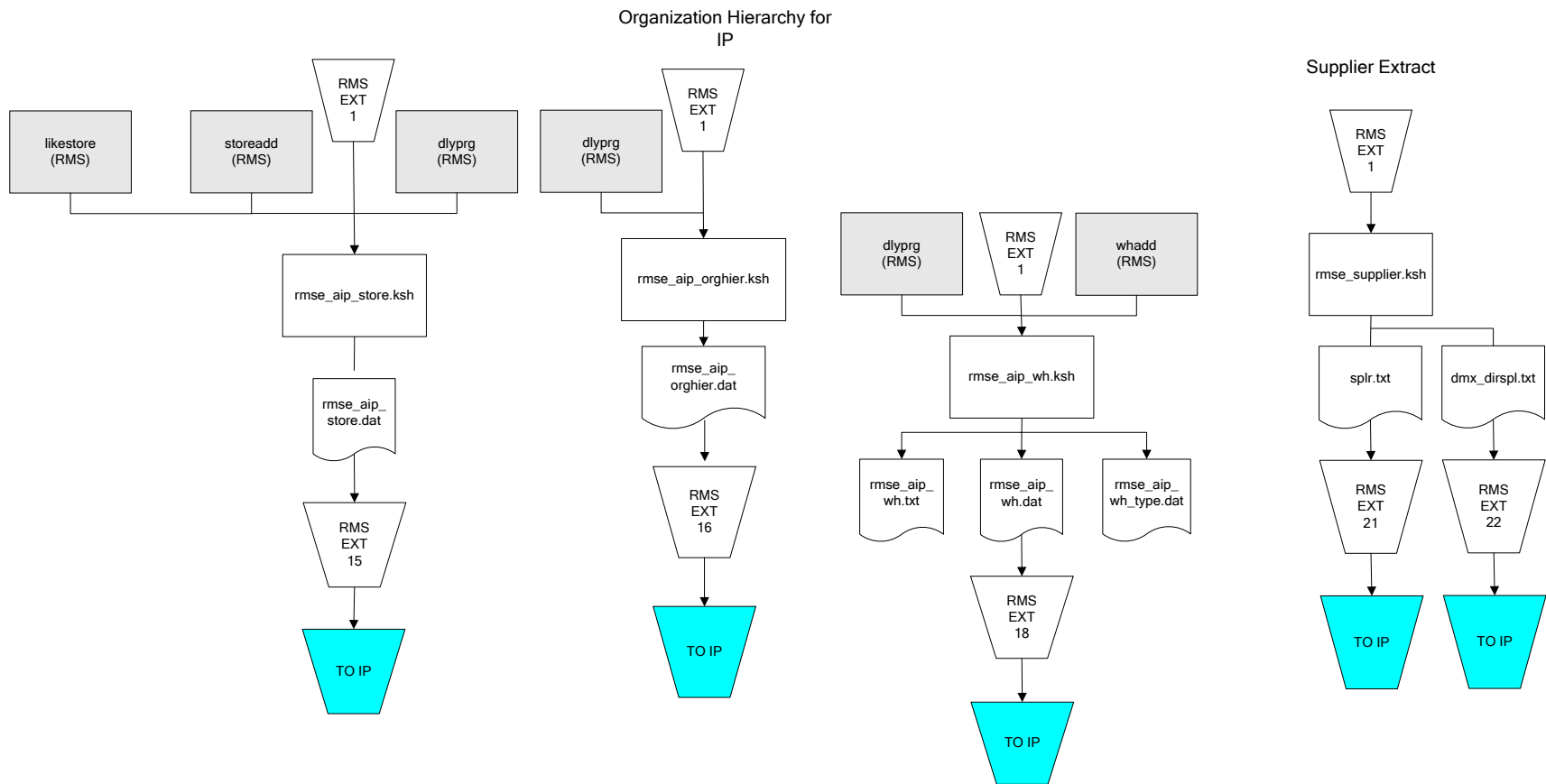
RMS Pre RETL Extract Maintenance



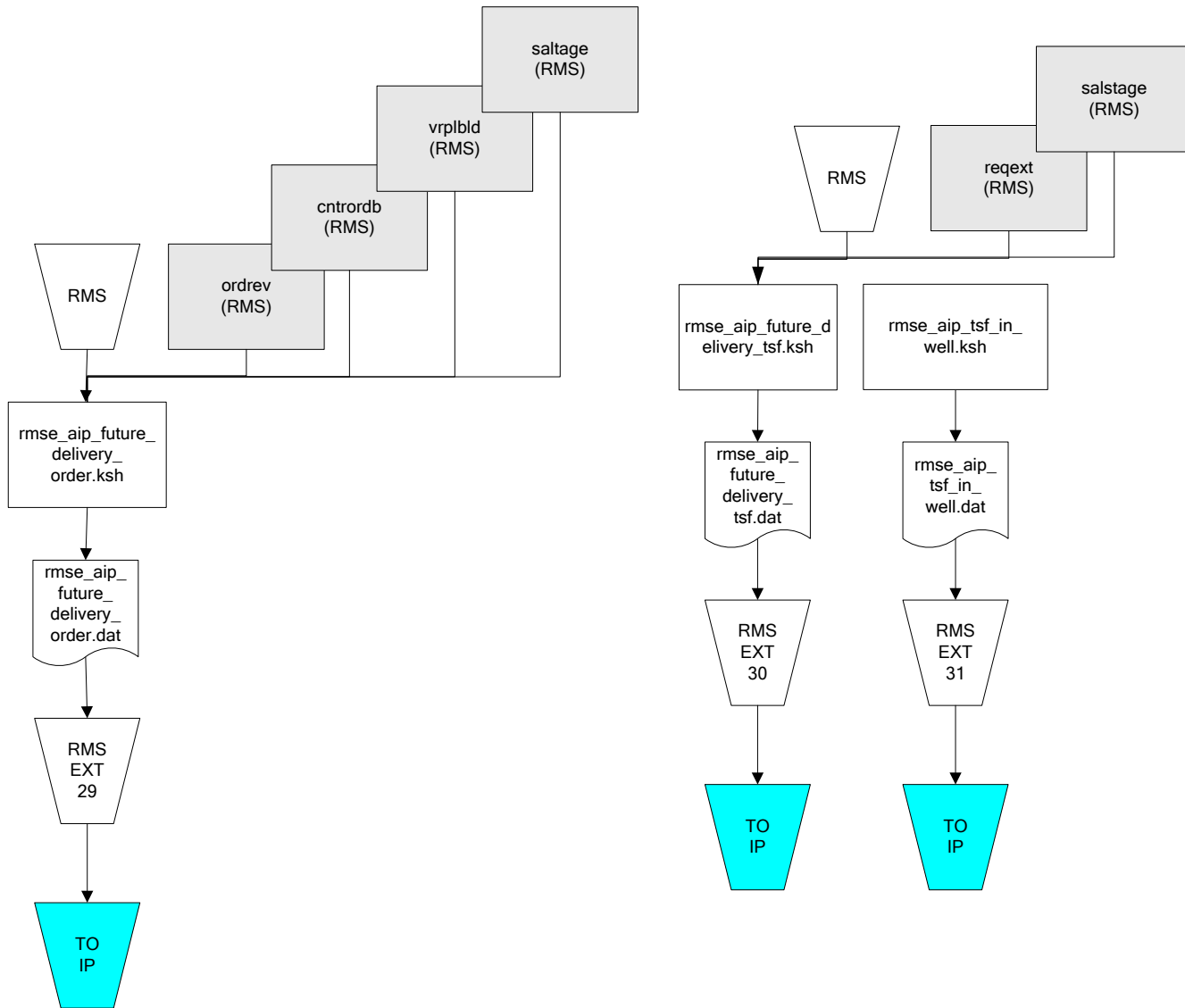
# RMS Foundation Data Extract Diagrams



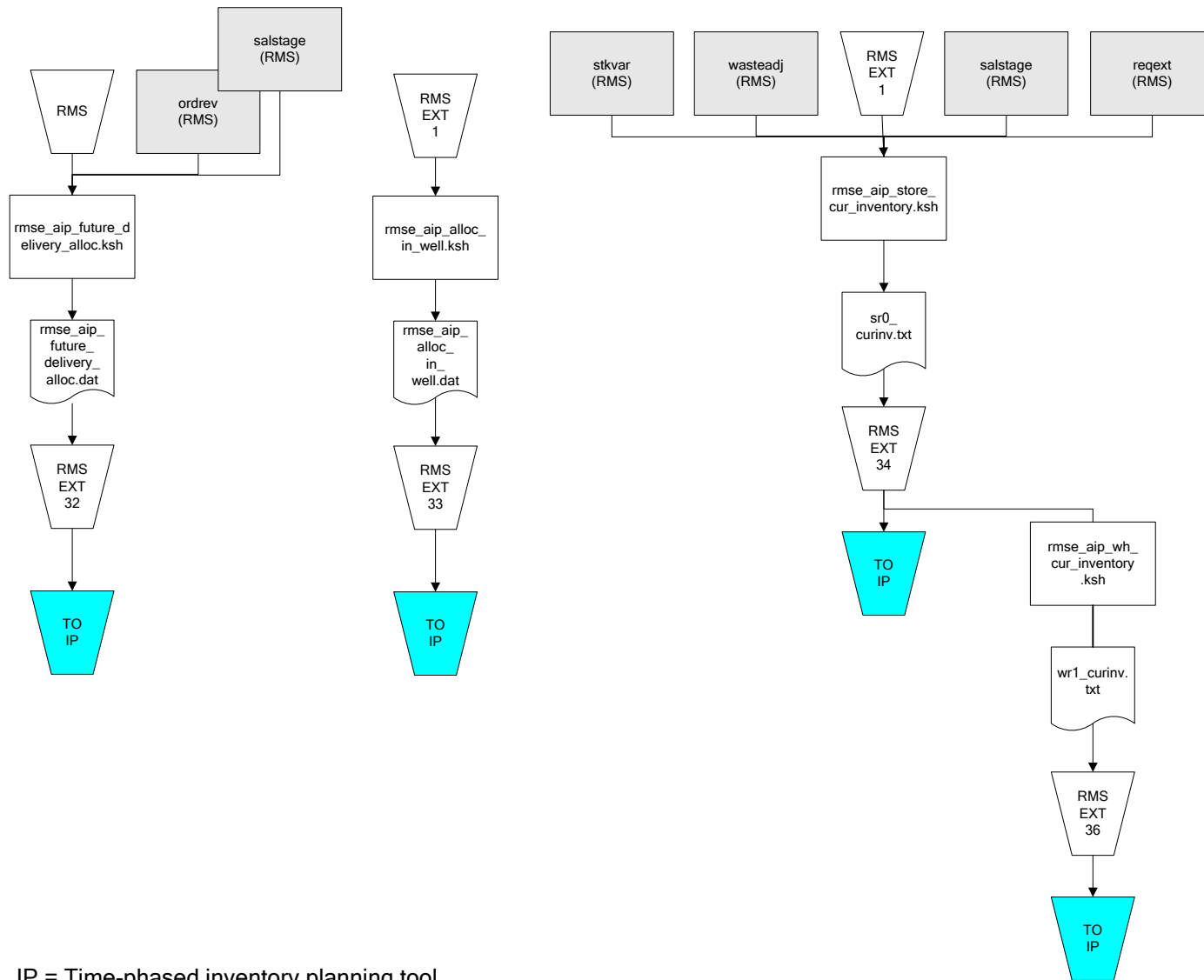
IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool

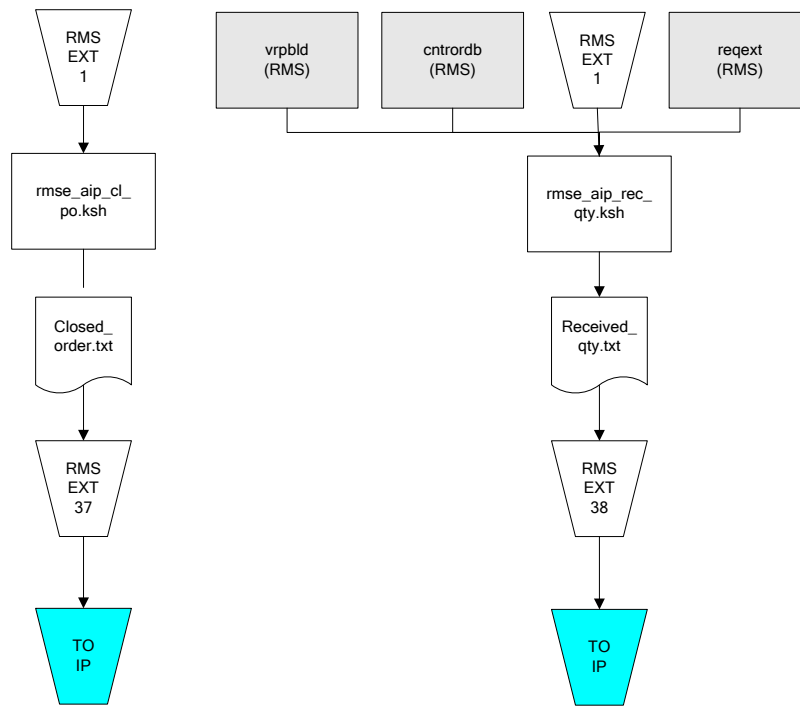


IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool





IP = Time-phased inventory planning tool