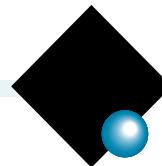


QPTM 101 Training



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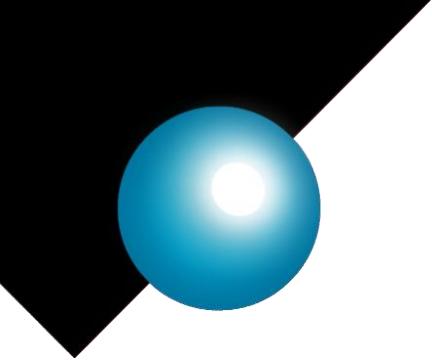
QPTM Application Installation

QPTM Application Basics

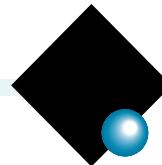
Basic QPTM System Flow

QPTM Web

Helpful Information



QPTM Application Installation

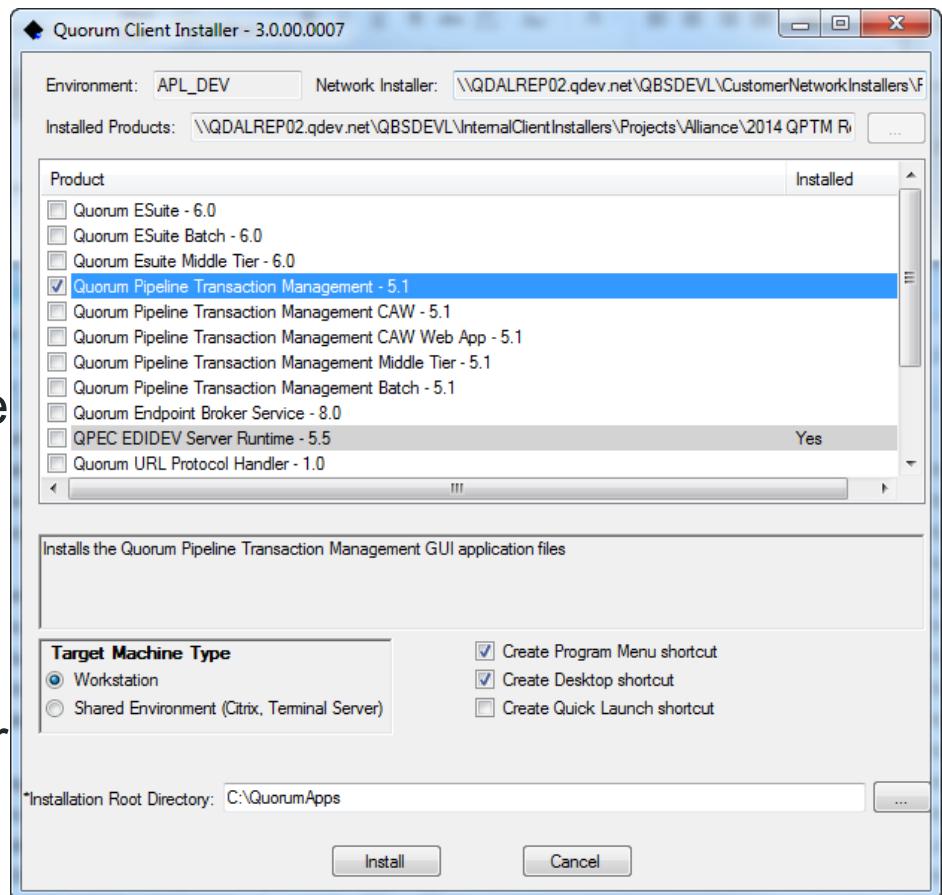


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Application Installation

◆ Client Installer

- The client installer is an application that consolidates all of Quorum's product offerings into a centralized location
- Application is installed on the user's computer and can run from the start menu or desktop
- Used to install the Middle Tier and QPEC on the server
- Auto updates and allows the user to run the latest build of the application

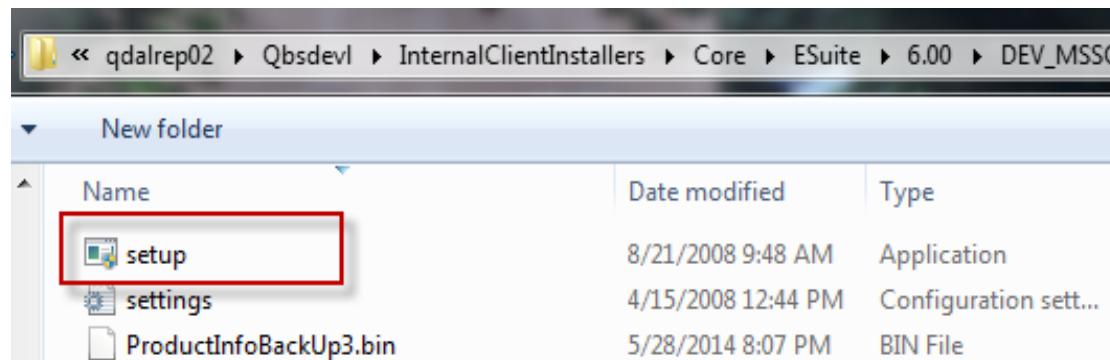


- ◆ How to install the application
 - Navigate to the internal client installers folder on the network. This folder will host all of the core and client installers
 - <\\qdalrep02\Qbsdev\InternalClientInstallers>
 - Select either Core or Projects folder depending on the client
 - Select the version of the product to install
 - Select if you want to install the Development (Dev), Test (TST), or Support (SUP) version
 - For this exercise, we are going to install and work in the Core_Tst 16.0 MSSQL

Application Installation

(continued)

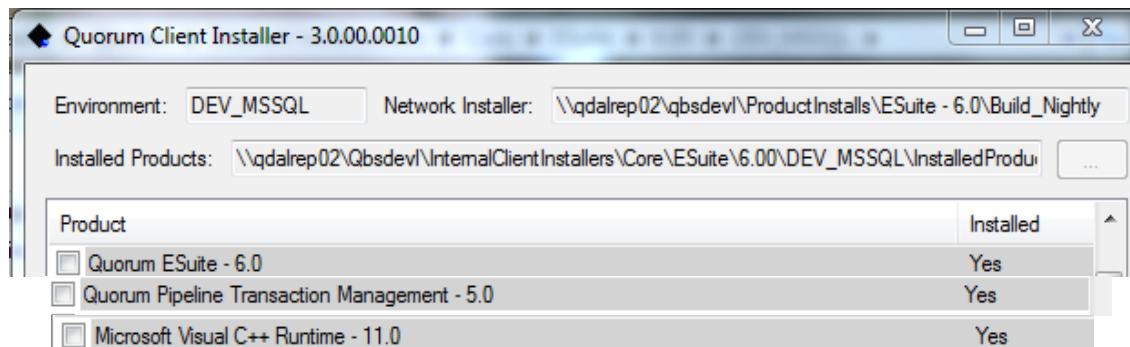
- Link to 16.0 Core_TST16 MSSQL
<\\qdalrep02\Qbsdev\InternalClientInstallers\Core\ESuite\16.00>
- Double-click on the setup.exe executable in the install directory. This launches the client installer



Application Installation

(continued)

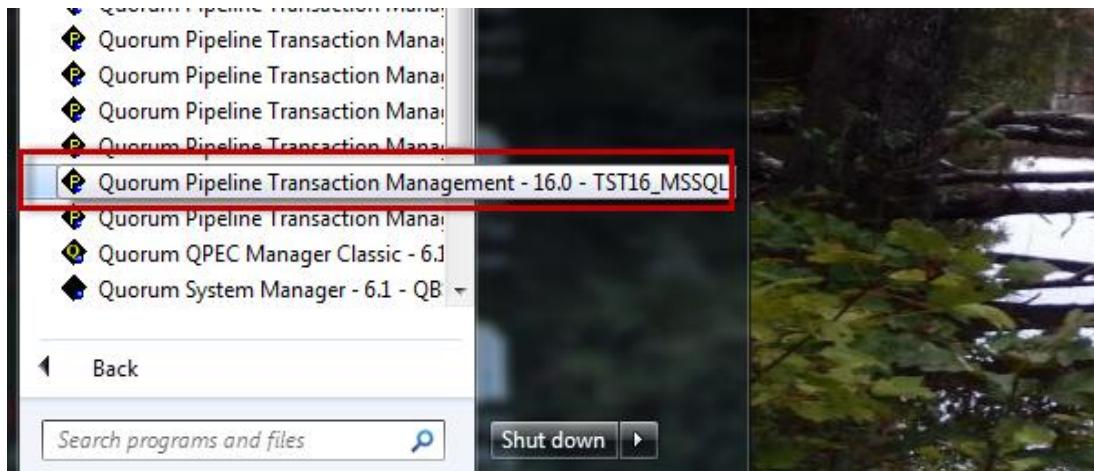
- Select the products to install
 - Quorum ESuite – 16.0
 - Microsoft Visual C++ Runtime – 11.0
 - Quorum Pipeline Transaction Management – 16.0

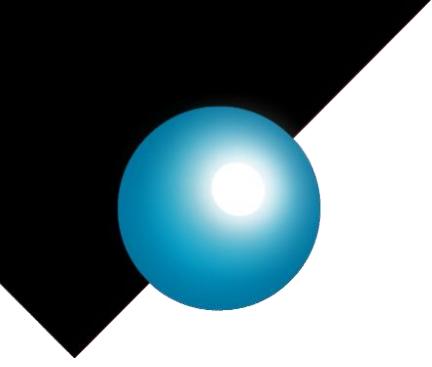


Application Installation

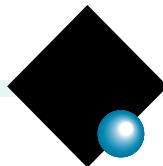
(continued)

- Press the ‘install’ button and follow the on-screen instructions to complete the installation
- The application should now be available in the start menu under the ‘Quorum Business Solutions’ folder



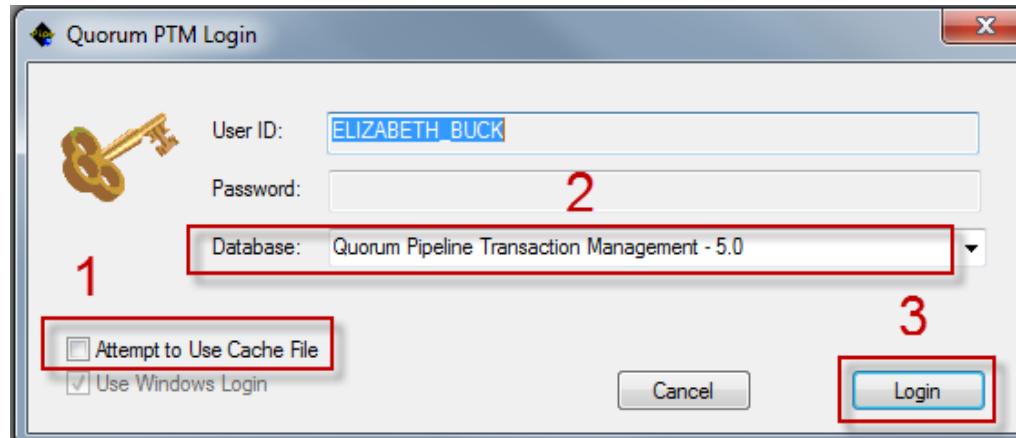


Application Basics



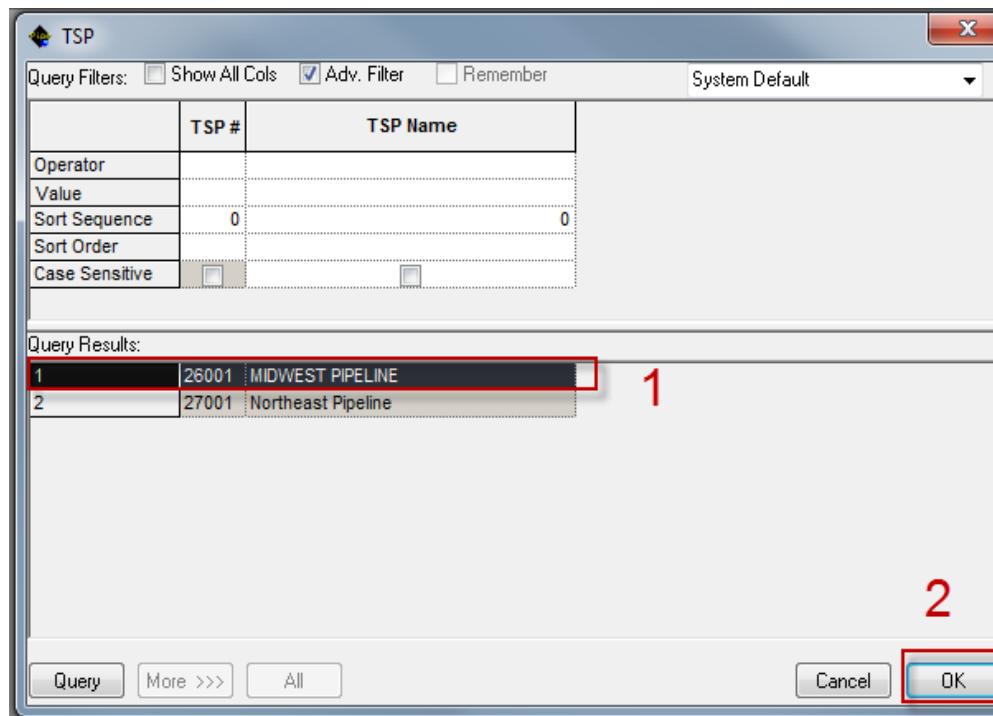
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Logging into QPTM



1. Attempt to Use Cache File Checkbox
 - It is recommended to always deselect this box during UAT and Parallel Testing
2. Database Dropdown
 - Click the arrow to the right of the Database field to select the database. After the first log in, this field will be defaulted to the previous selection
3. Login Button
 - Click the Login button once a database has been selected

Opening a TSP

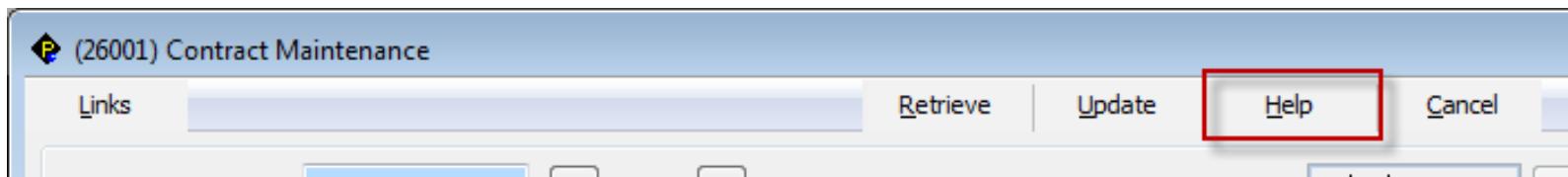


After logging in, the *Open TSP* screen will appear.

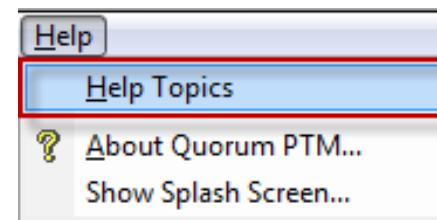
1. TSP Pick List – Select the TSP to open
2. OK Button – Click the OK Button to open the TSP and its Tree View
(Double-clicking the TSP from the Pick List will also open the TSP)

Online Help and User Guide

- ◆ All Quorum application screens include Online Help
- ◆ Online Help describes overall functionality of screen and includes a description of each field on the screen



- ◆ Application User Guide can be accessed through the Help Topics menu





Online Help and User Guide

- I. Purpose
- II. How to use the Contract Maintenance screen
- III. Fields
- IV. Error Messages

V. Tips/Reference Information

There are no additional resources at this time. Contact Quorum's Change Management Team at DocHelp@qbsol.com with any suggestions or if an additional resource is required.

the Ending Flow Date.

the amendment. After the first gas day of the amendment

QPTM Field Colors

(26001) Contract Maintenance

Links Retrieve Update Help Cancel

Contract #: **1** Contract Eff Date Range: **/ /** To **/ /**
Amendment Seq #: **N->** Amendment Eff Date Range: **/ /** Open Ended
Business Party: **2** Type of Service: **FTS** **3** Start Cycle: **1 || TIM**

General Locations Agents Related K Contacts Imbalance Invoice Dates Rates

Status: **MIDWEST PIPELINE** RFS #: **4**
Facility: **MIDWEST PIPELINE** Master Contract #:
TOS Subtype: **TRANSPORTATION** System Source: **MANUAL**
Contract Type: **PT** Contract Quantities
Nomination Model: **SEC 284 SUBPART G** MDQ UOM: **ENERGY** BTUFactor:
Regulatory Authority: **SEC 284 SUBPART G** Contract MDQ (DTH):
Route: Winter MDQ (DTH): Shoulder MDQ (DTH):
Fuel Preference: **FUEL IN KIND** Summer MDQ (DTH):
Prepaid Reservation Prod Mth Offset:
Override Contract MDQ (DT): **5**
Additional Attributes Y/N
ALLOW DISCOUNT OFFERS
BILL HIGHER OF SRC OR ACTUAL
BILLABLE
BILL MDQ ON CONTRACT LEVEL
BILL SRC
CAPACITY RELEASE ALLOWED
CASH-IN/CASH-OUT ALLOWED
EVERGREEN
EXCLUDE NOMINATIONS
Rate Handling
Rate Conversion Basis (Monthly to Daily): **Not Applicable**
Supplemental Volume Distribution: **Not Applicable**
Scheduling Variance:

Contract MSQ (DTH): Fixed Seasonal Profile
Min: Max: Current MDIQ/MDWQ
Fixed Ratchet
MDIQ: MDWQ:
Contract SRC:

Retrieve Add Help Links Close

QPTM Field Colors

(continued)

1. Blue – key field that is required. It defines the set of data to be viewed on the screen. When the blue field is an ID like Contract # or Location ID, you can type in the number and hit enter to retrieve

P (26001) Contract Maintenance

Links		Retrieve	Update	Help	Cancel				
Contract	<input type="text" value=""/>	/ /	To / /						
Amendment Seq	[...]	N>		Amendment Eff Date	/ / [Open Ended]				
Business Party:	[...]			Type of Service:	[...]				
				Start Cycle:	1 TIM				
General Locations Agents Related K Contacts Imbalance Invoice Dates Rates									
Status:	[...]					RFS #:	[...]		
Facility:	[...]					Master Contract #:	[...]		
TOS Subtype:	[...]					System Source:	MANUAL		
Contract Type:	[...]					Contract Quantities			
Nomination Model:	PT	MDQ UOM: [...]					BTU Factor: [...]		
Regulatory Authority:	SEC 284 SUBPART G	Contract MDQ (DTH): [...]					Winter MDQ (DTH): [...]	Shoulder MDQ (DTH): [...]	Summer MDQ (DTH): [...]
Route:	[...]					Override Contract MDQ (DTH): [...]			
Fuel Preference:	[...]					Contract MSQ (DTH):	Fixed	Seasonal Profile	
Prepaid Reservation	[...]					Min:	[...]	[...]	[...]
Prod Mth Offset:	[...]					Max:	[...]	[...]	[...]
Additional Attributes		Y/N							
Allow Discount Offers	[...]	[...]							
ALLOW STORAGE TRANSFERS	[...]	[...]							
Billable	[...]	[...]							
Bill MDQ on Contract Level	[...]	[...]							
Capacity Release Allowed	[...]	[...]							
Cash-in/Cash-Out Allowed	[...]	[...]							
HOURLY NOMINATIONS ALLOWED	[...]	[...]							
Rate Handling						Fixed	Ratchet	Current MDIQ/MDWQ	
Rate Conversion Basis (Monthly to Daily):	Not Applicable					MDIQ:	[...]	[...]	[...]
Supplemental Volume Distribution:	Not Applicable					MDWQ:	[...]	[...]	[...]
Scheduling Variance:	[...]					Contract SRC (DTH):	[...]		

QPTM Field Colors

(continued)

2. Green – description field that can be used to enter partial values. Enter the partial value and hit the Tab key to get a pick list that is limited to the values from the corresponding pick list

Contract Maintenance

Links Retrieve Update Help Cancel

Contract Amendment Seq Business Party: [Red Box]

Contract Eff Date / / To / /
Amendment Eff Date / / Open Ended ...

Type of Service: [Red Box] Start Cycle: 1 || TIM

General Locations Agents Related K Contacts Imbalance Invoice Dates Rates

Status: [Yellow Box]
Facility: [Yellow Box]
TOS Subtype: [Yellow Box]
Contract Type: [Yellow Box]
Nomination Model: PT [Yellow Box]
Regulatory Authority: SEC 284 SUBPART G [Yellow Box]
Route: [Yellow Box]
Fuel Preference: [Yellow Box]
Prepaid Reservation Prnd Mth Offset: [Yellow Box]

RFS #: [Yellow Box]
Master Contract #: [Yellow Box]
System Source: MANUAL [Green Box]

Contract Quantities
MDQ UOM: [Yellow Box] BTU Factor: [Yellow Box]
Contract MDQ (DTH): [Yellow Box]
Winter MDQ (DTH): [Yellow Box] Shoulder MDQ (DTH): [Yellow Box] Summer MDQ (DTH): [Yellow Box]

Override Contract MDQ (DTH): [Yellow Box]

Contract MSQ (DTH): Fixed [Yellow Box] Seasonal Profile [Red Box]
Min: [Yellow Box] [Red Box] [Red Box]
Max: [Yellow Box] [Red Box] [Red Box]

MDIQ: Fixed [Yellow Box] Ratchet [Yellow Box] Current MDIQ/MDWQ [Red Box]
MDWQ: [Yellow Box] [Red Box] [Red Box]

Contract SRC (DTH): [Yellow Box]

Additional Attributes Y/N
Allow Discount Offers [Red Box]
ALLOW STORAGE TRANSFERS [Red Box]
Billable [Red Box]
Bill MDQ on Contract Level [Red Box]
Capacity Release Allowed [Red Box]
Cash-In/Cash-Out Allowed [Red Box]
HOURLY NOMINATIONS ALLOWED [Red Box]

Rate Handling
Rate Conversion Basis (Monthly to Daily): Not Applicable [Yellow Box]
Supplemental Volume Distribution: Not Applicable [Yellow Box]
Scheduling Variance: [Yellow Box]

QPTM Field Colors (continued)

3. Yellow – required field

(26001) Contract Maintenance

Links Retrieve Update Help Cancel

Contract Contract Eff Date / / To / /
Amendment Seq Amendment Eff Date / / Open Ended
Business Party: Type of Service: Start Cycle: 1 || TIM

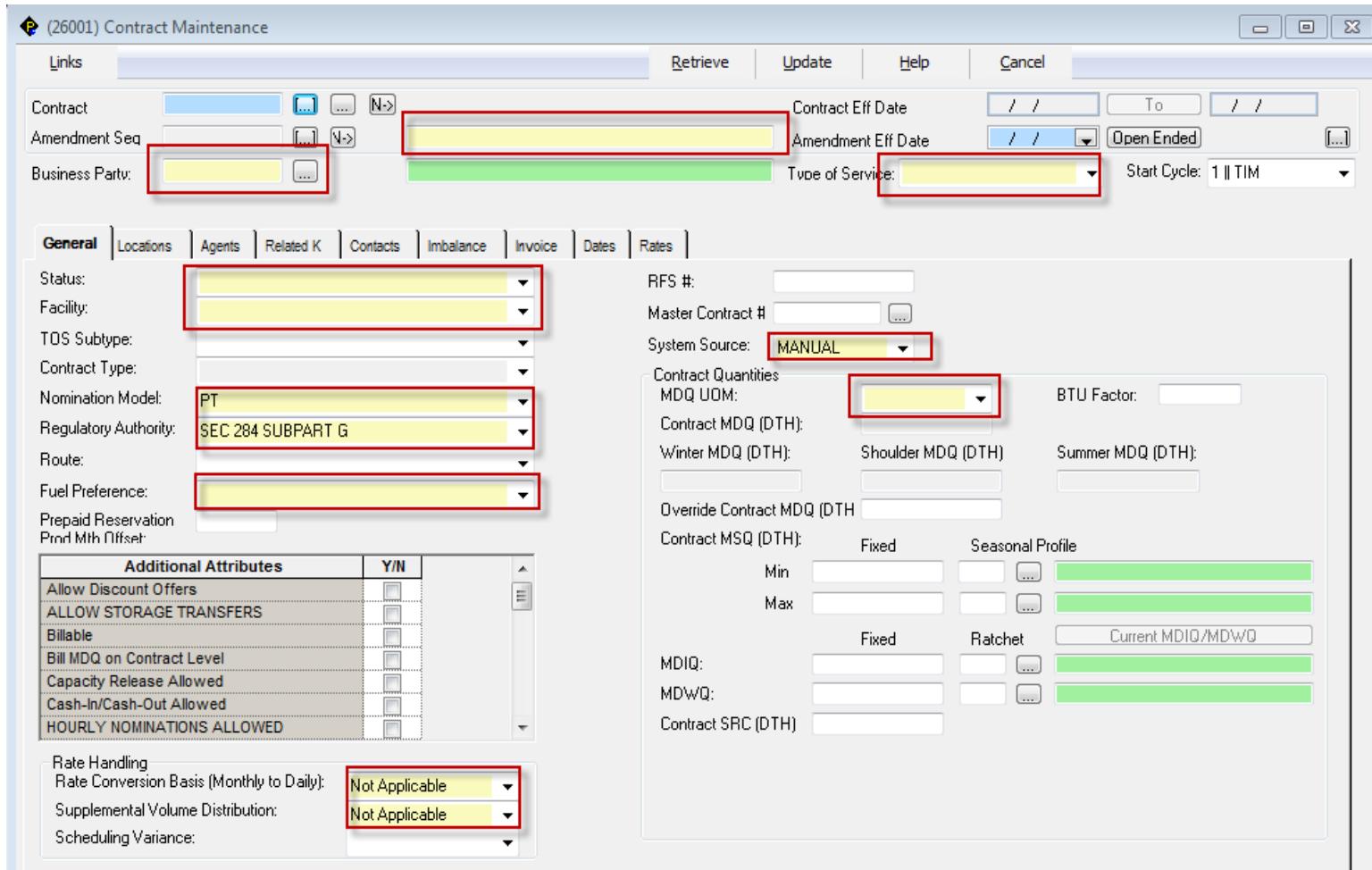
General Locations Agents Related K Contacts Imbalance Invoice Dates Rates

Status: RFS #:
Facility: Master Contract #:
TOS Subtype: System Source: **MANUAL**
Contract Type: Contract Quantities
Nomination Model: **PT** MDQ UOM:
Regulatory Authority: **SEC 284 SUBPART G** Contract MDQ (DTH):
Route: Winter MDQ (DTH): Shoulder MDQ (DTH):
Fuel Preference: Summer MDQ (DTH):
Prepaid Reservation: Override Contract MDQ (DTH):
Prod Mth Offset: Contract MSQ (DTH): Fixed Seasonal Profile

Additional Attributes	Y/N
Allow Discount Offers	<input type="checkbox"/>
ALLOW STORAGE TRANSFERS	<input type="checkbox"/>
Billable	<input type="checkbox"/>
Bill MDQ on Contract Level	<input type="checkbox"/>
Capacity Release Allowed	<input type="checkbox"/>
Cash-In/Cash-Out Allowed	<input type="checkbox"/>
HOURLY NOMINATIONS ALLOWED	<input type="checkbox"/>

Min: Max: Fixed: Ratchet: Current MDIQ/MDWQ
MDIQ: MDWQ: Contract SRC (DTH):

Rate Handling
Rate Conversion Basis (Monthly to Daily): **Not Applicable**
Supplemental Volume Distribution: **Not Applicable**
Scheduling Variance:



QPTM Field Colors

(continued)

4. White – optional field

Screenshot of the Contract Maintenance screen (26001) showing various fields highlighted with different colors:

- Links:** Contract, Amendment Seq, Business Party, Contract Eff Date, Amendment Eff Date, Type of Service, Start Cycle.
- Status:** Yellow
- Facility:** Yellow
- TOS Subtype:** Red Box
- Contract Type:** Yellow
- Nomination Model:** PT
- Regulatory Authority:** SEC 284 SUBPART G
- Route:** Red Box
- Fuel Preference:** Yellow
- Prepaid Reservation:** Red Box
- Prod Mth Offset:** Red Box
- Additional Attributes:** A grid with columns "Attribute" and "Y/N". The "Attribute" column includes ALLOW DISCOUNT OFFERS, ALLOW STORAGE TRANSFERS, BILLABLE, BILL MDQ ON CONTRACT LEVEL, CAPACITY RELEASE ALLOWED, CASH-IN/CASH-OUT ALLOWED, and HOURLY NOMINATIONS ALLOWED. The "Y/N" column contains several red boxes.
- Rate Handling:** Rate Conversion Basis (Monthly to Daily): Not Applicable
- Supplemental Volume Distribution:** Not Applicable
- Scheduling Variance:** Not Applicable
- RFS #:** Red Box
- Master Contract #:** Red Box
- System Source:** MANUAL
- Contract Quantities:**
 - MDQ UOM: Yellow
 - Contract MDQ (DTH): Yellow
 - BTU Factor: Red Box
 - Winter MDQ (DTH): Shoulder MDQ (DTH)
 - Summer MDQ (DTH):
- Override Contract MDQ (DTH):** Red Box
- Contract MSQ (DTH):** Fixed, Min (Red Box), Max (Red Box)
- Seasonal Profile:** A chart showing Current MDI0/MDW0 in green.
- MDI0:** Red Box
- MDW0:** Red Box
- Contract SRC (DTH):** Red Box

QPTM Field Colors

(continued)

5. Gray – read-only field

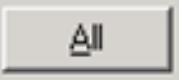
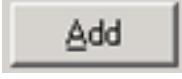
Screenshot of the Contract Maintenance screen showing various field colors:

- Links:** Contract, Amendment Sec, Business Party.
- Contract Eff Date:** Gray field (read-only).
- Amendment Eff Date:** Gray field (read-only).
- Type of Service:** Gray field (read-only).
- Status:** Gray dropdown menu.
- Facility:** Gray dropdown menu.
- TOS Subtype:** Gray dropdown menu.
- Contract Type:** Gray dropdown menu (highlighted with a red box).
- Nomination Model:** Gray dropdown menu.
- Regulatory Authority:** Gray dropdown menu.
- Route:** Gray dropdown menu.
- Fuel Preference:** Gray dropdown menu.
- Prepaid Reservation Prnd Mth Offset:** Gray input field.
- Additional Attributes:** A table with columns "Additional Attributes" and "Y/N". Rows include:
 - ALLOW DISCOUNT OFFERS
 - ALLOW STORAGE TRANSFERS
 - BILLABLE
 - BILL MDQ ON CONTRACT LEVEL
 - CAPACITY RELEASE ALLOWED
 - CASH-IN/CASH-OUT ALLOWED
 - HOURLY NOMINATIONS ALLOWED
- Rate Handling:** A group of fields:
 - Rate Conversion Basis (Monthly to Daily): Not Applicable
 - Supplemental Volume Distribution: Not Applicable
 - Scheduling Variance: (empty dropdown)
- RFS #:** Gray input field.
- Master Contract #:** Gray input field.
- System Source:** MANUAL (gray dropdown menu).
- Contract Quantities:** A group of fields:
 - MDQ UOM: Gray dropdown menu.
 - Contract MDQ (DTH): Gray input field.
 - Winter MDQ (DTH): Gray input field.
 - Shoulder MDQ (DTH): Gray input field.
 - Summer MDQ (DTH): Gray input field.
- Override Contract MDQ (DTH):** Gray input field.
- Contract MSQ (DTH):** Fixed (gray dropdown menu).
 - Min: Gray input field.
 - Max: Gray input field.
- Seasonal Profile:** A group of fields:
 - Fixed: Gray dropdown menu.
 - Ratchet: Current MDIQ/MDWQ (gray input field).
 - MDIQ: Gray input field.
 - MDWQ: Gray input field.
 - Contract SRC (DTH): Gray input field.

QPTM Standard Buttons

 [...]	“Scoped” pick buttons bring back results related to the current screen.
 ...	“Un-scoped” pick buttons bring back all results related to the field, not just for the current screen.
 N->	Assigns the next available ID. <NEW> will appear in the field when selected. Upon Add, an ID will be assigned.
 Open Ended	Signifies that a record is effective until the end of time, which in QPTM is 12/31/9000.
 To	Allows for the selection of an end date for a time period.
 Retrieve	Returns records based on the input values that you enter into the required fields.

QPTM Standard Buttons (continued)

	Shows additional records in a grid when more than 100 records exist.
	Shows all records in a grid.
	Adds a new record to the system.
	Saves changes to the record on the screen.
	Provides a set of options available from the current screen.
	Closes the current screen.

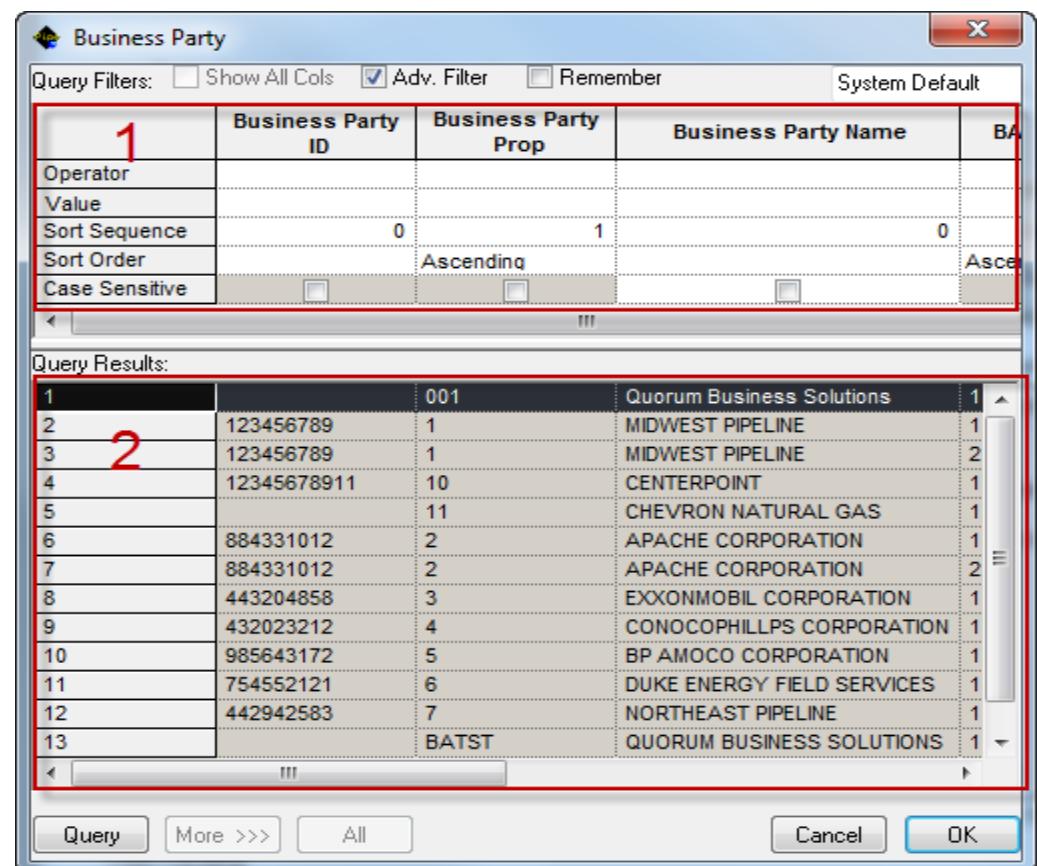
Pick Lists

Pick lists are used throughout QPTM to assist users with the selection of data. The query filters available on pick lists are also available on various QPTM screens to allow filtering of data

Pick lists have two sections:

1. The query filter section
2. The query results section

To filter and display the query results in a particular order, populate the query filters and click 



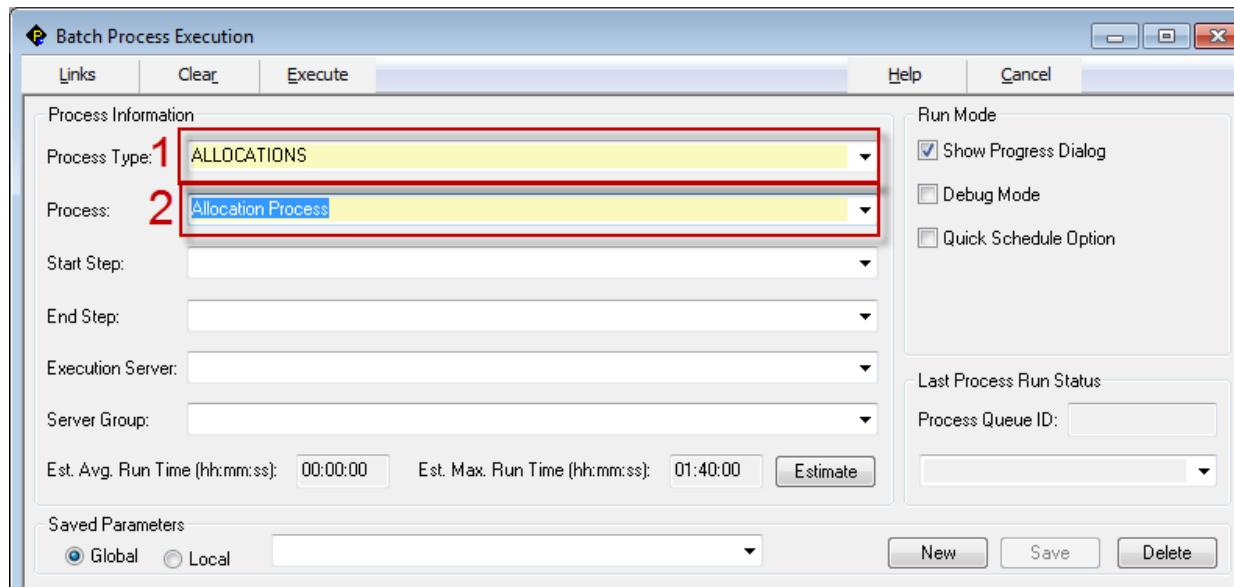
Query results can be filtered by typing a full or partial value in the Value field. An “=” sign in the Operator field is not required

The screenshot shows a 'Business Party' pick list dialog. At the top, there are 'Query Filters' options: 'Show All Cols' (unchecked), 'Adv. Filter' (checked), and 'Remember'. A 'System Default' button is also present. Below these are five filter fields: 'Operator' (empty), 'Value' (containing 'C'), 'Sort Sequence' (value 0), 'Sort Order' (value 'Ascending'), and 'Case Sensitive' (unchecked). The 'Value' field is highlighted with a red box. In the 'Query Results' section, three records are listed:

Business Party ID	Business Party Prop	Business Party Name	BA
1	12345678911	CENTERPOINT	1
2	11	CHEVRON NATURAL GAS	1
3	432023212	CONOCOPHILLPS CORPORATION	1

Batch Process Execution

System → Batch Process Execution



Users can manually launch batch processes through the *Batch Process Execution* screen. To run a batch process:

1. Select the batch process' process type. Select the process type by clicking the down arrow on the right of the Process Type field or by typing in the process type. The field will auto-complete the field when possible
2. Select the batch process. The Process field behaves similarly to the Process Type field

Batch Process Execution

(continued)

The screenshot shows a software window for 'Batch Process Execution'. It displays a table of parameters with the following columns: Parameter Name, Param Input, Value (From if range input), Value: (TO if range input, Selector if Multi input), Ignore Param, and Description. The rows are numbered 1 through 7. Red numbers 3, 4, and 5 are overlaid on specific cells to highlight them:

	Parameter Name	Param Input	Value (From if range input)	Value: (TO if range input, Selector if Multi input)	Ignore Param	Description
1	GAS DAY	Single Discrete Input	12/31/2013			Gas Day
2	ACCOUNTING MON	Single Discrete Input	12/2013			Accounting mon
3	LOCATION ID	Multiple Input			<input type="checkbox"/>	Location ID
4	REALLOCATE IND	Single Discrete Input		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PROCESS REAL
5	UNALLOC IND	Single Discrete Input		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Process unallocat
6	GAS DAY OFFSET	Single Discrete Input	0		<input checked="" type="checkbox"/>	
7	REALLOCATION PR	Multiple Input	IMT		<input checked="" type="checkbox"/>	

At the bottom of the window are buttons for Clear, Execute, Help, Links..., and Close.

Parameter fields will appear at the bottom of the screen based on the process selected

3. White fields are required parameters for the process and must be provided
4. Gray fields with the “Ignore Param” box checked are not required for the report
5. To include a non-required parameter in the process, uncheck the “Ignore Param” check box. Then fill in the appropriate parameter value

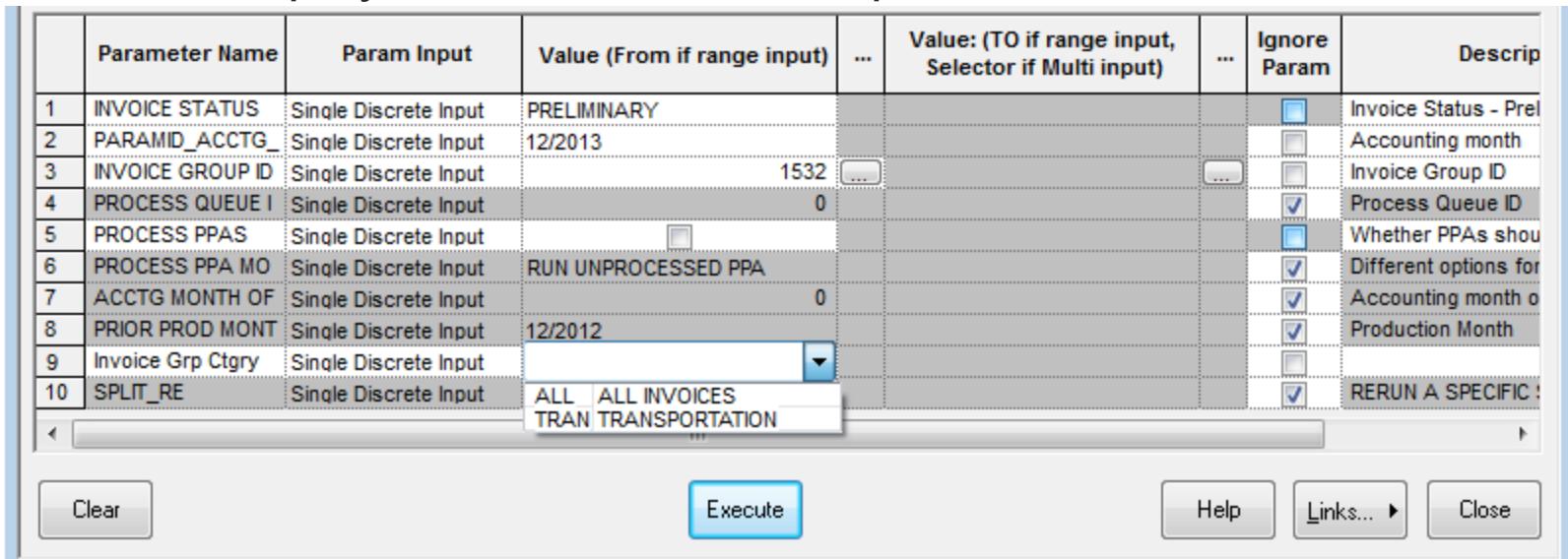
Batch Process Execution

(continued)

6. Fields without pick lists may have dropdowns available. Click in the field to display the arrow for the dropdown list.

	Parameter Name	Param Input	Value (From if range input)	...	Value: (TO if range input, Selector if Multi input)	...	Ignore Param	Description
1	INVOICE STATUS	Single Discrete Input	PRELIMINARY				<input checked="" type="checkbox"/>	Invoice Status - Prel
2	PARAMID_ACCTG_	Single Discrete Input	12/2013				<input type="checkbox"/>	Accounting month
3	INVOICE GROUP ID	Single Discrete Input	1532	...			<input type="checkbox"/>	Invoice Group ID
4	PROCESS QUEUE I	Single Discrete Input	0				<input checked="" type="checkbox"/>	Process Queue ID
5	PROCESS PPAS	Single Discrete Input					<input checked="" type="checkbox"/>	Whether PPAs shou
6	PROCESS PPA MO	Single Discrete Input	RUN UNPROCESSED PPA				<input checked="" type="checkbox"/>	Different options for
7	ACCTG MONTH OF	Single Discrete Input	0				<input checked="" type="checkbox"/>	Accounting month o
8	PRIOR PROD MONT	Single Discrete Input	12/2012				<input checked="" type="checkbox"/>	Production Month
9	Invoice Grp Ctgry	Single Discrete Input					<input type="checkbox"/>	
10	SPLIT_RE	Single Discrete Input	ALL ALL INVOICES TRAN TRANSPORTATION	...			<input checked="" type="checkbox"/>	RERUN A SPECIFIC :

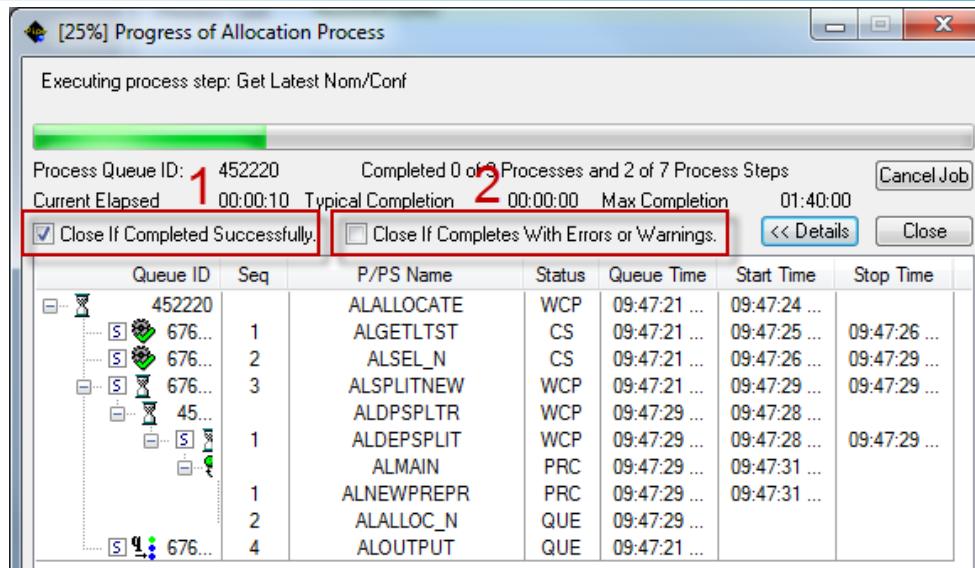
Clear Execute Help Links... Close



7. Once all required fields are filled, click Execute to run the process

Note: When the same process is selected in the *Batch Process Execution* screen, the parameters from the previous run will be populated

Process Status Screen

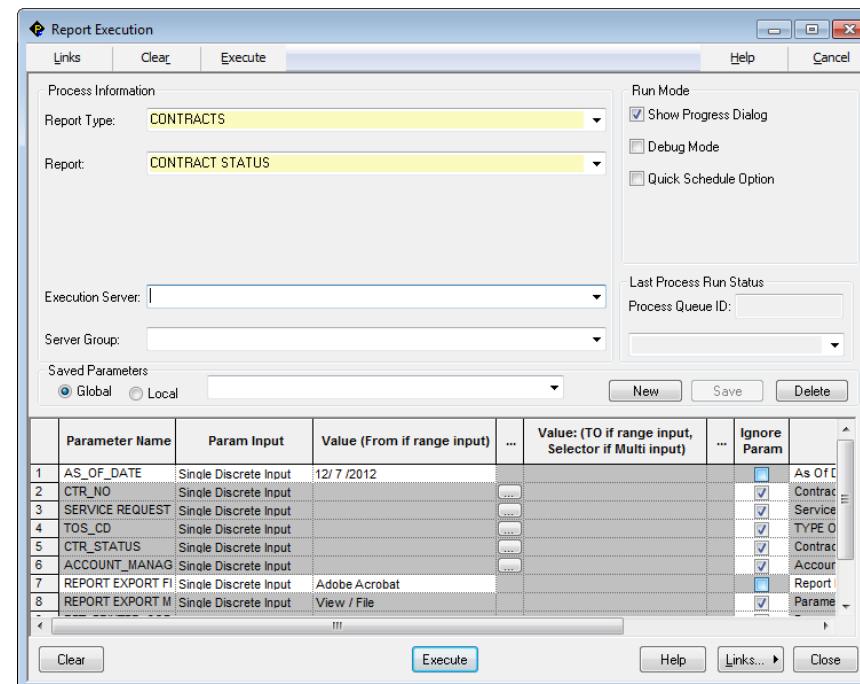


Once a process is executed, the *Process Status* screen is displayed and shows the status of the executed process.

1. The “Close If Completed Successfully” check box can be selected to automatically close the screen after it completes successfully. If the box is not checked, the *Process Status* screen will have to be closed manually by hitting the **Close** button
2. The “Close If Completes With Errors or Warnings” check box is also available to select. Leave the box unchecked to review warning and error messages from the screen.
3. Suppress details by clicking **[Details >>]**

Report Execution

- ◆ Reports generated through the Report Execution screen
- ◆ Behaves similarly to the Batch Process Execution screen

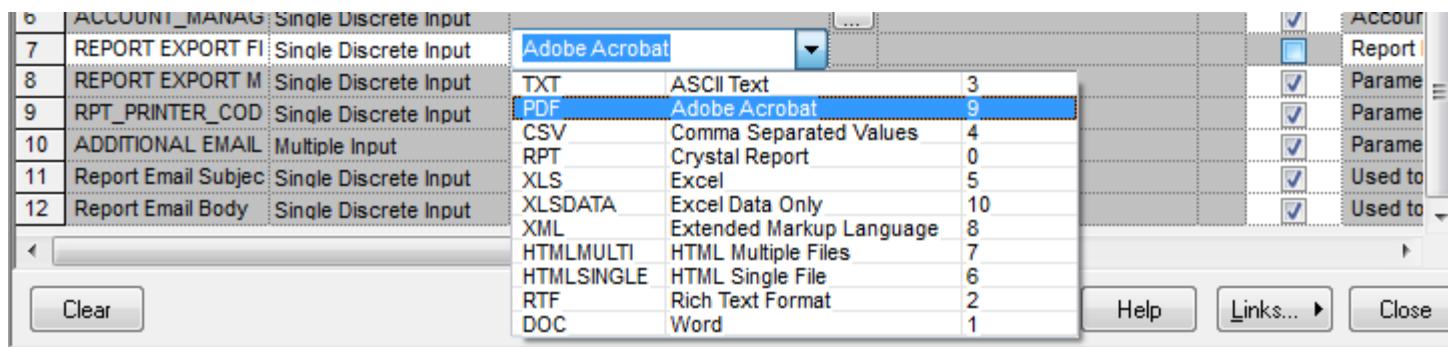


System → Report Execution

Report Execution

(continued)

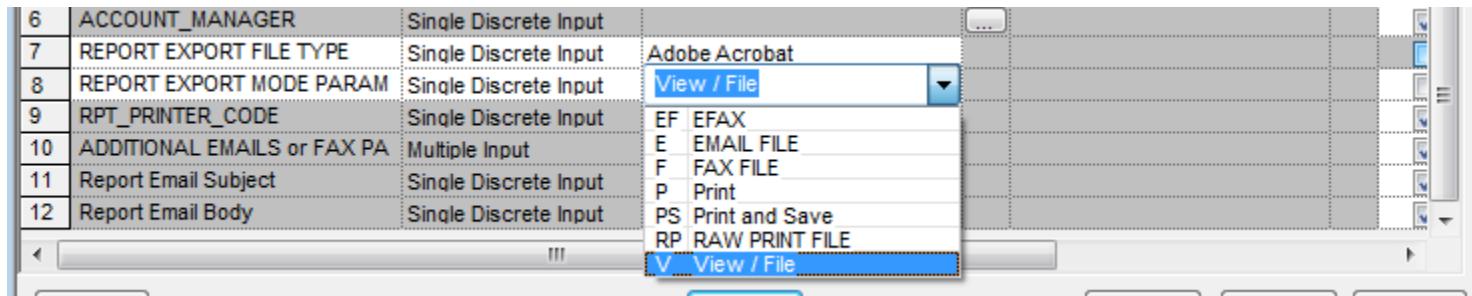
- ◆ To run a report in a different format, select the desired report format from the dropdown list in the Report Export File Type parameter
- ◆ Certain reports are formatted specifically for export to Excel or Adobe



Report Execution

(continued)

- ◆ To change the export method, select the desired export method from the dropdown list in the Report Export Method Type parameter

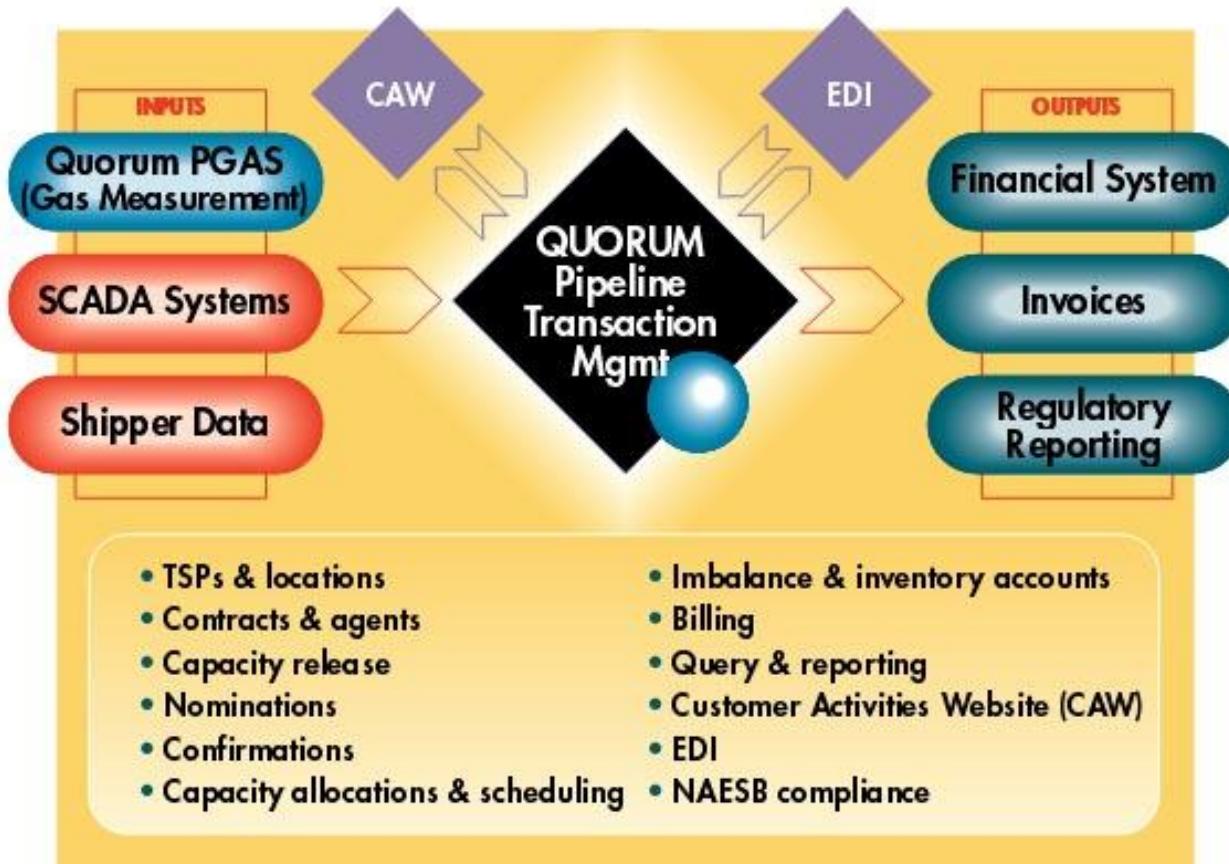




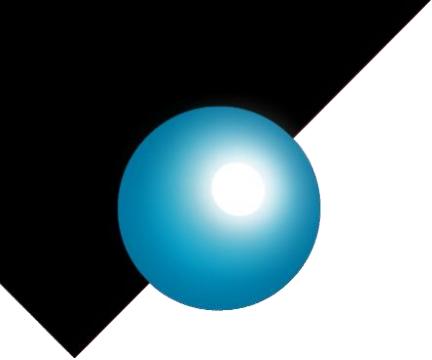
Quorum Pipeline Transaction Management

- ◆ Designed to comply with regulated interstate pipelines while still providing flexibility for non-regulated pipelines
- ◆ Provides a comprehensive solution covering contracting, scheduling, and accounting activities
- ◆ Allows pipeline operators to efficiently manage the wide range of transactions on the system, including transportation, storage, parking and lending, and balancing agreements
- ◆ Includes web based tools for shippers and operators to interact directly with the pipeline

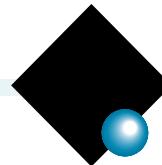
QPTM Overview



QPTM allows interstate pipeline, intrastate pipeline, storage, and local distribution company (LDC) facility operators to efficiently manage transactions with shippers on their system, including contracts, scheduling & accounting.

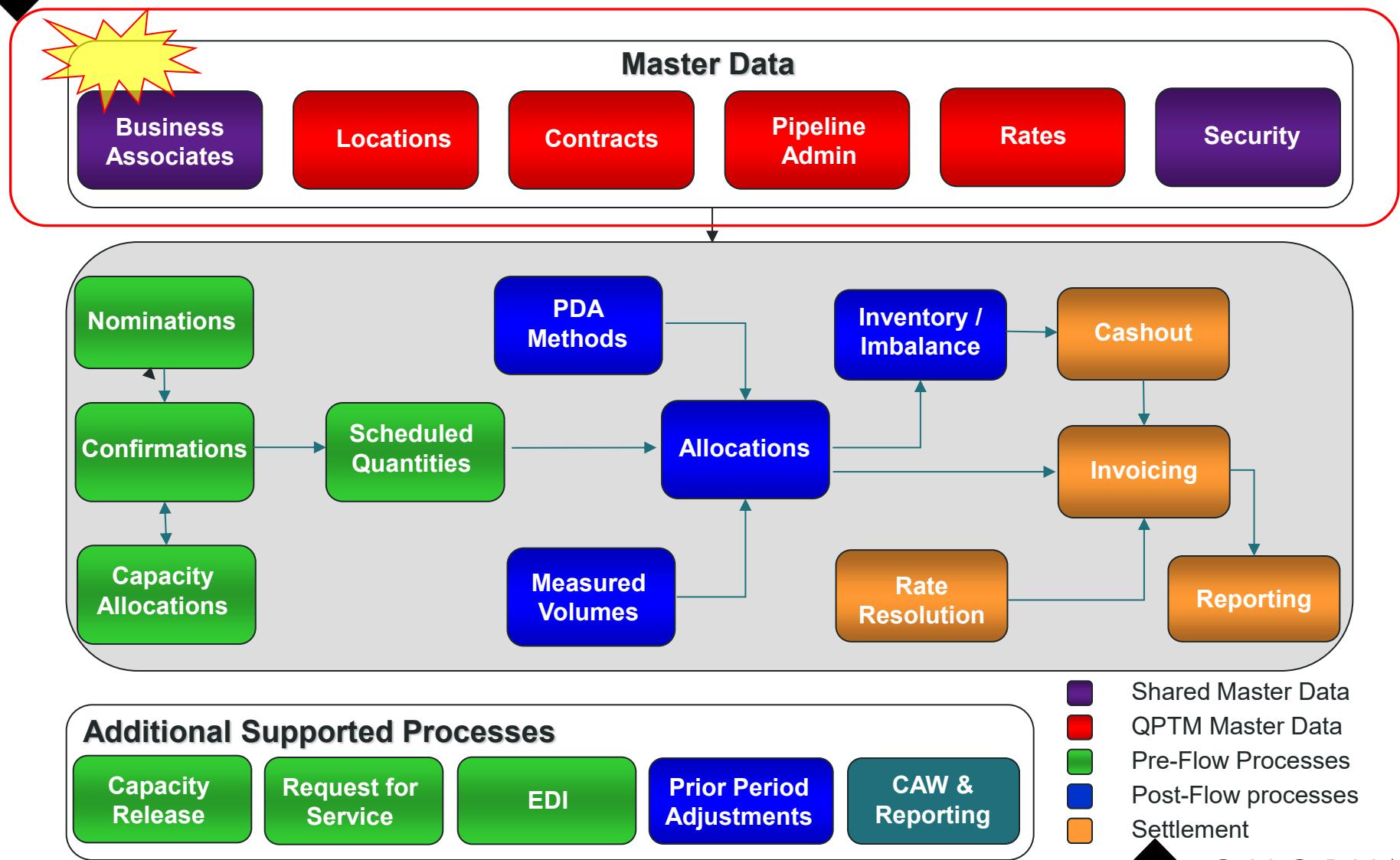


Basic QPTM System Flow



QUORUM
BUSINESS SOLUTIONS, INC.

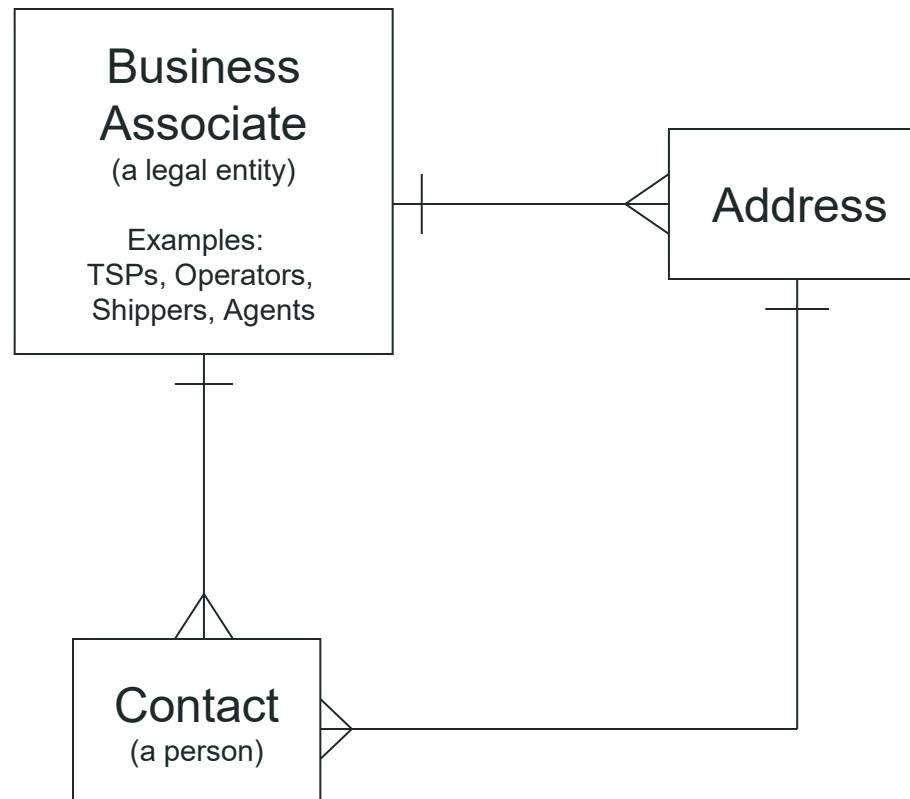
QPTM System Flow – Business Associates



Business Associates & Contacts

A business associate can have multiple contacts and multiple addresses

Each contact must be tied to one BA and one address



Business Associate - Entity General Tab

- ◆ BA Number and Name used to identify companies throughout the system
- ◆ Entity Type – This can anything from a corporation to an individual to an estate

Used to create and maintain business associates (aka business parties/business entities)

The screenshot shows the 'Business Associate - Entity' application window. At the top, there's a toolbar with buttons for Links, Retrieve, Update, Help, and Cancel. Below the toolbar, the title bar displays 'P Business Associate - Entity'. The main area is divided into sections: 'General', 'Addresses', 'Contacts', 'Other IDs', 'User Defined ...', 'Full Legal ...', 'Individual Name', 'Status', 'Name Chang...', 'Affiliates', 'Classification', 'TSP', and 'Additional Co...'. The 'General' tab is selected. A red box highlights the 'BA - Entity ID: 01-48' field, which contains the value '01-48'. To the right of this field is a 'N->' button and a browse icon. The 'QUORUM BUSINESS SOLUTIONS' logo is visible in the background. The 'General' section contains fields for 'BA-Entity Name 2', 'BA-Entity Name 3', 'BA Short Name' (set to 'QBS'), 'Parent Entity ID', 'DUNS #', 'Entity Type' (set to 'CORPORATION'), 'Web Address', '# of Signatures Required', 'Backup W/H Decimal', 'Backup W/H Type', 'Source Module Code', 'State Established' (set to 'TEXAS'), and several checkboxes for 'Internal Entity', 'Send Deal Confirmations', '1099 Indicator', and 'Royalty Owner Only'. At the bottom of the window are buttons for 'Retrieve', 'Update', 'Help', 'Links', and 'Close'.

Screens → Business Associates → Business Associate - Entity

Business Associate - Entity Addresses Tab

Used to create and maintain addresses for an entity

- Grid displays existing addresses

Business Associate - Entity

Links Retrieve Update Help Cancel

BA - Entity ID: 01-48 N-> [...]

QUORUM BUSINESS SOLUTIONS Dept Source: Inactive

General Addresses Contacts Other IDs User Defined Fi... Full Legal Name Individual Name Status Name Change H... Affiliates Classification TSP Additional Conta...

Address Seq #	Address Type	Effective Date From	Effective Date To	Address Line 1	Address Line 2	Address Line 3	Attention	City	State	Country	Zip/Postal Code
1 Q	1	1/1/2007	12/31/9000	3010 BRIARPARK	SUITE 450			HOUSTON	TEXAS	UNITED STATES	77042
2											
3											

Address Seq #: 1 N->

Eff Date Range: 1/1/2007 Open Ended

Address Line 1: 3010 BRIARPARK

Address Line 2: SUITE 450

Address Line 3:

Attention:

Address Type:

Inactive

Payee Processing Rules

City: HOUSTON

Country: UNITED STATES OF AMERICA

State: TEXAS

Zip/Postal Code: 77042

Phone: () -

Fax: () -

Delivery Method:

Site Name:

Addr Ref No.:

Custom 4:

Custom 3:

AP #:

AR #:

Dept Source:

Source Module Code:

Acquisition XRef:

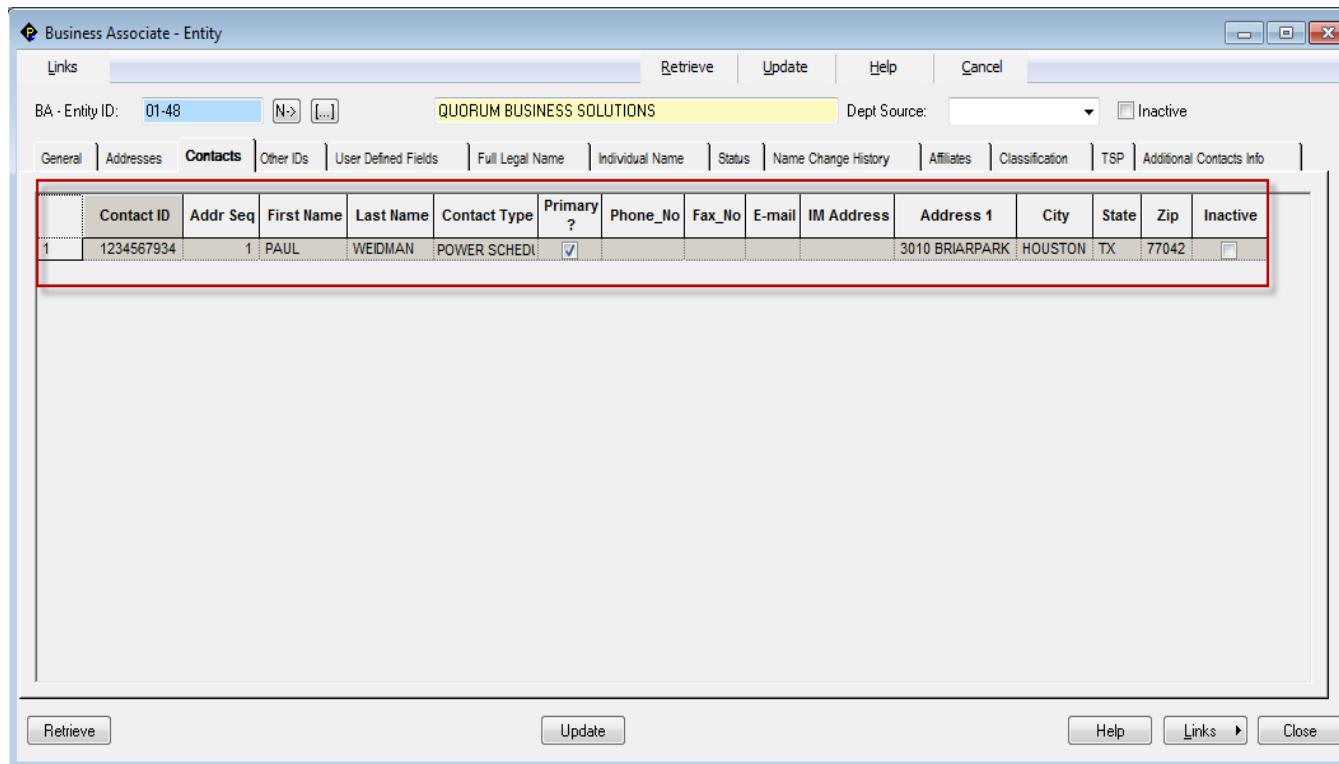
Retrieve Update Help Links Close

Screens → Business Associates → Business Associate - Entity

Business Associate - Entity Contacts Tab

- ◆ View all the contacts that have been created and assigned to a given BA
- ◆ Link menu allow access to the Contact screen to add new contacts or modify existing ones
- ◆ Data is set up in the Business Associate Contact screen

Used to view the contacts associated with a given BA



Screens → Business Associates → Business Associate - Entity

Business Associate - Entity Other IDs Tab

Used to capture other IDs for the same entity

- ◆ Financial System BA No is the ID for the BA in the financial accounting system
- ◆ Can be included in interfaces to financial system

The screenshot shows a software window titled "Business Associate - Entity". At the top, there are tabs for General, Addresses, Contacts, Other IDs (which is the active tab), User Defined Fields, Full Legal Name, Individual Name, Status, Name Change History, Affiliates, Classification, TSP, and Additional Contacts Info. Below the tabs is a toolbar with buttons for Retrieve, Update, Help, and Cancel. The main area contains a table with columns: Tax ID Type, Tax ID, Effective Date From, To Open/Ended, and Effective Date To. The "Tax ID Type" column lists various identifiers such as FEDERAL TAX ID, STATE TAX ID, SOCIAL SECURITY, OKLAHOMA, NORTH DAKOTA, etc. The "Tax ID" column contains values like ABC123, WYOMING, UTAH, TEXAS, SOCIAL SECURITY, OKLAHOMA, NORTH DAKOTA, etc. The "Effective Date From" column shows dates like 1/1/2007. The "To Open/Ended" and "Effective Date To" columns contain "Open E" for most entries. A scroll bar is visible on the right side of the table.

Screens → Business Associates → Business Associate - Entity

Business Associate - Entity Affiliates Tab

- ◆ Define the affiliated company and the effective date of the relationship
- ◆ Further define the relationship with the indicators and the Affiliate Role
- ◆ QPTM Chart of Accounts screen used to book affiliated journal entries to different financial accounts

Used to associate affiliated companies

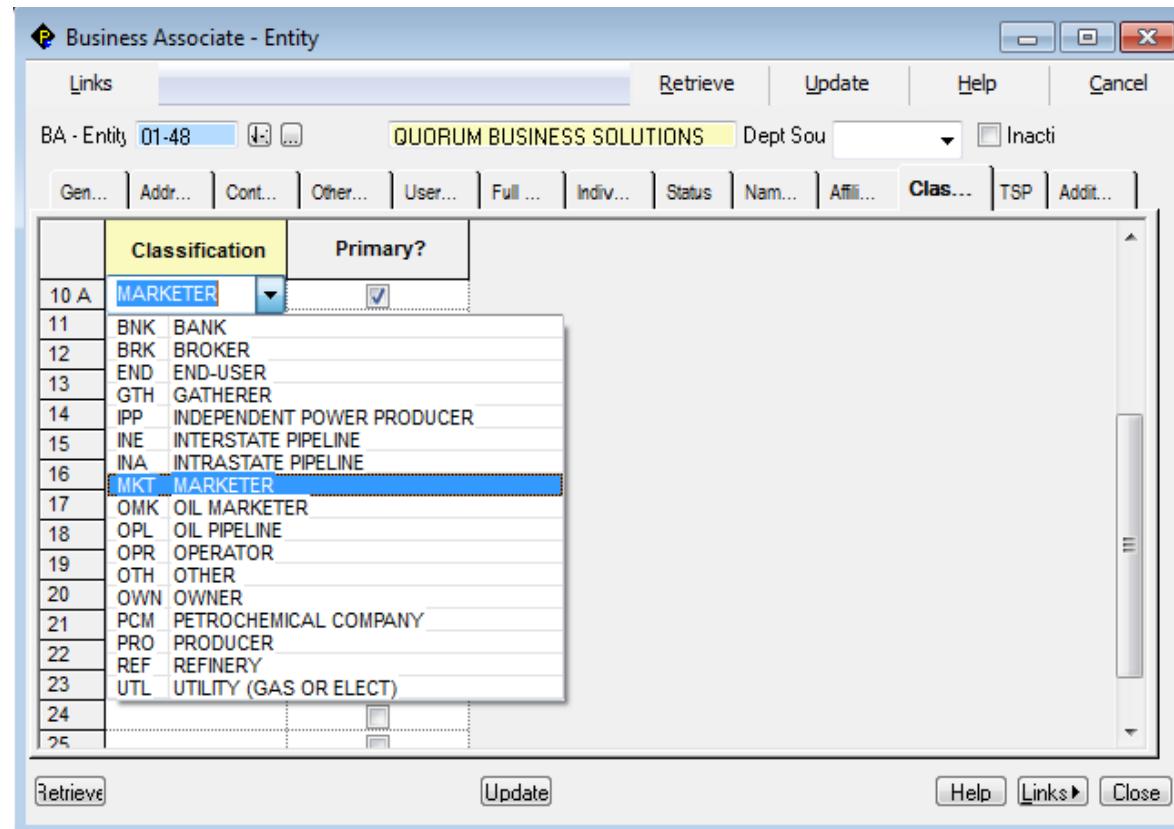
The screenshot shows a Windows application window titled "Business Associate - Entity". The window has a toolbar with "Links", "Retrieve", "Update", "Help", and "Cancel" buttons. Below the toolbar, the "BA - Entity ID" is set to "01-48" and the "Dept Source" dropdown is set to "QUORUM BUSINESS SOLUTIONS". There is also an "Inactive" checkbox. The main area contains a grid table with columns: "Affiliate BP #", "Affiliate Name", "Effective Date From", "To/Open Ended", "Effective Date To", "Affiliate", "Marketing Affiliate", "Intercompany", and "Affiliate Role". The "Affiliate Name" column for row 1 contains "MIDWEST PIPEL". The "Effective Date From" column for row 1 contains "1 / 1 / 2007". The "To/Open Ended" column for row 1 contains "Open E". The "Affiliate" column for row 1 contains a checked checkbox. The "Affiliate Role" column for row 1 contains an unchecked checkbox. The rows are numbered from 1 to 21. At the bottom of the grid are buttons for "Retrieve", "Update", "Help", "Links", and "Close".

Screens → Business Associates → Business Associate - Entity

Business Associate - Entity Classification Tab

- ◆ Classification is not required
- ◆ Each BA can have only one primary classification, and may have additional classifications
- ◆ This is for informational purposes only

Used to designate company classification



Screens → Business Associates → Business Associate - Entity

Business Associate - Entity TSP Tab

- ◆ BAs are one of the few entities shared across TSPs
- ◆ This tab is used to control which TSPs can access the BA

Used to limit the BA to one or more TSP(s)

Business Associate - Entity

Tsp	...	TSP Name
1 Q	26001	MIDWEST PIPELINE
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Screens → Business Associates → Business Associate - Entity



Used to create and maintain contacts

- ◆ Contacts are people or departments associated with a BA and an address

- ◆ General tab includes detailed information about the individual

The screenshot shows the 'BA Contact' application window. At the top, there's a toolbar with buttons for Links, Retrieve, More, All, Update, Help, and Cancel. Below the toolbar, the main form has several input fields and dropdown menus. On the left, there's a vertical stack of tabs: General (selected), TSP Contact Roles, Events, and Additional BA's. The General tab displays the following data:

Contact ID:	1234567934	[...]	N->	Inactive
BA:	01-48	[...]	QUORUM BUSINESS SOLUTIONS	Internal
Addr Seq #:	1	[...]	3010 BRIARPARK	Delivery Method: EMAIL
Salutation:				Nick Name:
First Name:	PAUL			Middle Initial:
Last Name:	WEIDMAN			Suffix:

Below these fields, there are two columns of additional contact details:

Title:	Notice Preference:	
Phone:	(713) 430-8800	Extension:
Fax:	() -	E-mail:
Cell:	() -	Confirmation Fax #:
Pager:	() -	2-Way Pager:
IM Address:		Home: () -

At the bottom of the form, there are buttons for Retrieve, More >>, All, Update, Help, Links, and Close.

Screens → Business Associates → BA Contact

BA Contact Contact Types Tab

- ◆ Use Contact Types to define various roles or job descriptions
- ◆ Contact Types can be set globally for a contact for use by all Quorum product
- ◆ For QPTM, they need to be defined down to the TSP level, allowing a contact to have different roles per TSP

Used to specify the various roles for a contact

The screenshot shows the 'BA Contact' dialog box with the 'TSP Contact Roles' tab selected. The top section contains basic contact information: Contact ID (1234567934), BA (01-48 QUORUM BUSINESS SOLUTIONS), Addr Seq # (1), Salutation (empty), First Name (PAUL), Last Name (WEIDMAN), Nick Name (empty), Middle Initial (empty), and Suffix (empty). There are checkboxes for Inactive and Internal status. The 'TSP Contact Roles' tab has two tables. The first table, 'Contact Type', lists roles for the contact: 1 Q POWER SCHEDULER (Primary) and other rows 2 through 6. The second table, 'TSP Name', lists roles assigned to specific TSPs: 1, 2, 3, 4, 5, and 6.

	Contact Type	Primary?
1 Q	POWER SCHEDULER	<input checked="" type="checkbox"/>
2		<input type="checkbox"/>
3		<input type="checkbox"/>
4		<input type="checkbox"/>
5		<input type="checkbox"/>
6		<input type="checkbox"/>

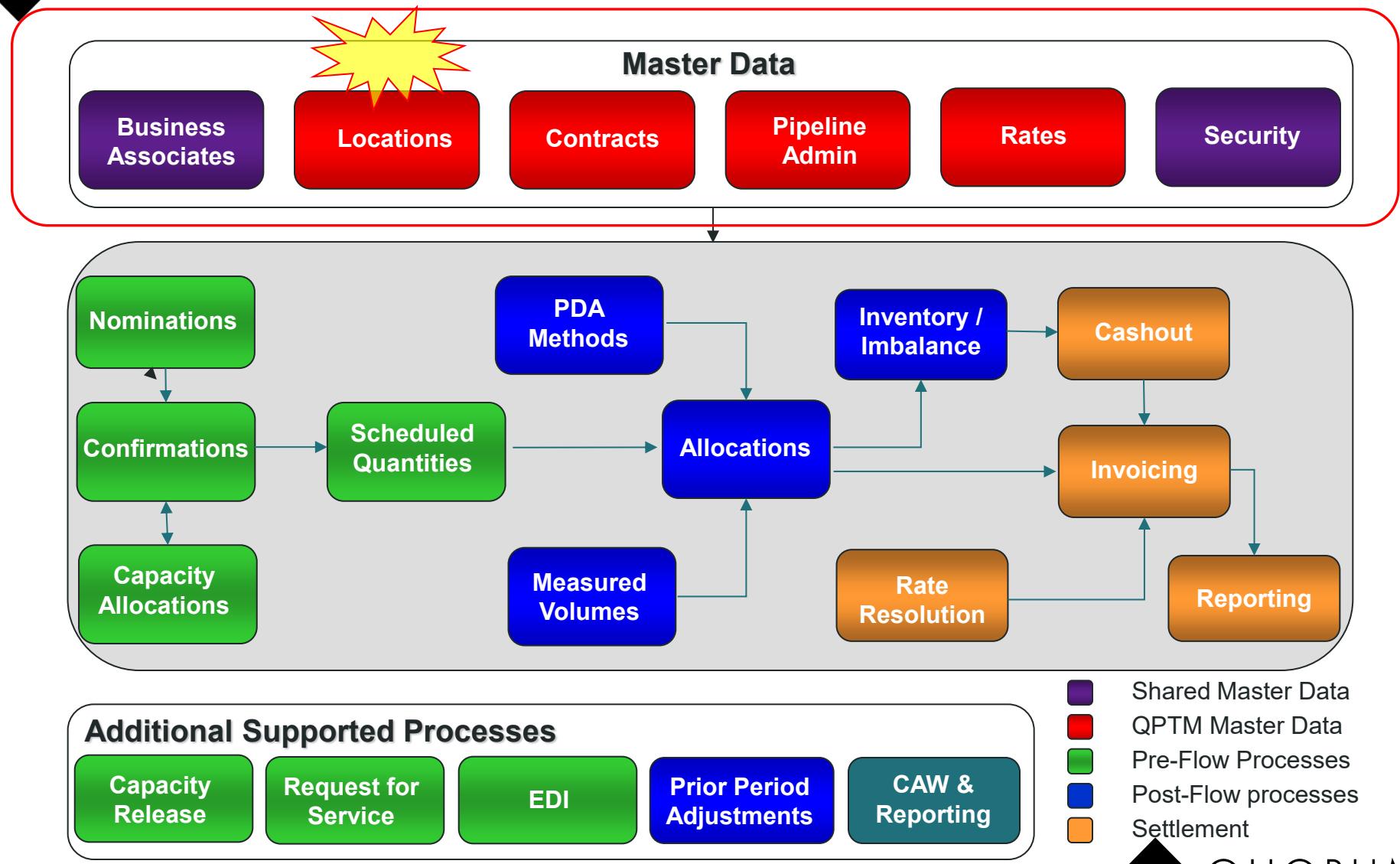
	TSP #	...	TSP Name	Contact Type
1		<input type="button" value="..."/>		
2		<input type="button" value="..."/>		
3		<input type="button" value="..."/>		
4		<input type="button" value="..."/>		
5		<input type="button" value="..."/>		
6		<input type="button" value="..."/>		

Screens → Business Associates → BA Contact

- ◆ QPTM101 1.1

- Enter a Business Entity, Address and Contact

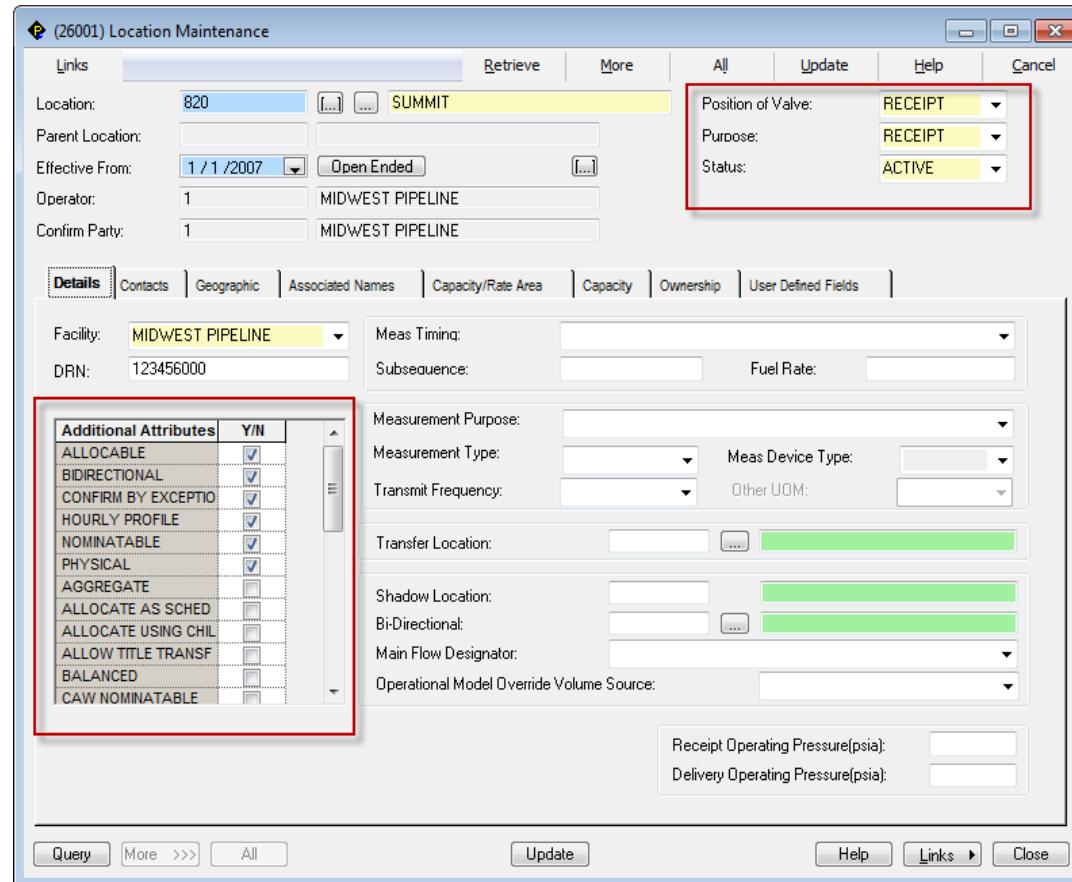
QPTM System Flow - Locations



Location Maintenance Details Tab

- ◆ Each point on the facility is a location – meter or station, logical or physical
- ◆ General attributes include effective dates, Position of Valve, and Status
- ◆ Additional Attributes drive functionality; informational attributes can be added

Used to create and maintain locations and attributes



Screens → Locations → Location Maintenance

Location Maintenance Contacts Tab

Used to specify Confirming Party and Operator

- Additional contacts may be added as well

The screenshot shows the (26001) Location Maintenance dialog box. The 'Details' tab is selected. In the 'Confirm Party' section, the value '1 MIDWEST PIPELINE' is shown. Below this, the 'Contacts' tab is selected, displaying a grid of contact information. The first three rows of the grid are highlighted with a red box:

	...	Contact First Name	Contact Last Name	Type of Contact	BP Number	Business Party Name	Office Number	Extension	Pager Number
1 Q	...	JOHN	ALLEN	CONFIRMING I: 1		MIDWEST PIPELINE	(713) 430-8611		
2 Q	...	JOHN	ALLEN	LOCATION AN 1		MIDWEST PIPELINE	(713) 430-8611		
3 Q	...	JOHN	ALLEN	OPERATOR 1		MIDWEST PIPELINE	(713) 430-8611		
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

At the bottom of the dialog box, there are buttons for 'Query', 'More >>>', 'All', 'Update', 'Help', 'Links', and 'Close'.

Screens → Locations → Location Maintenance

Location Maintenance Geographic Tab

Used to specify geographic information

- ◆ This is mostly for informational purposes
- ◆ Maintains the physical attributes of the location

(26001) Location Maintenance

Location:	820	... SUMMIT	Position of Valve:	RECEIPT
Parent Location:	Purpose:			RECEIPT
Effective From:	1/1/2007	Open Ended	Status:	ACTIVE
Operator:	1	MIDWEST PIPELINE		
Confirm Party:	1	MIDWEST PIPELINE		

Details Contacts **Geographic** Associated Names Capacity/Rate Area Capacity Ownership User Defined Fields

County:	UNITED STATE	State / Province:	ILLINOIS	Latitude:	
County / Parish:				Longitude:	

Operational Impact Area: SYSTEMWIDE
Field Code:
Lateral ID:
OCS Block:
Tap Location:
Line Connect To:
Line Index:
In Service Date: ___/___/___
 Split Connect: _____

Township:
Range:
Section:
Abstract:
Survey:
Quarter:
Block:
Certificate:
Position Marker:
Project:

Query More >> All Update Help Links Close

Screens → Locations → Location Maintenance

Location Maintenance Capacity / Rate Area Tab

Used to associate locations to **system** location groups

- ◆ Allows the users to specify location groups that a location belongs

(26001) Location Maintenance

Links	Retrieve	More	All	Update	Help	Cancel
Location: 820	[...]	SUMMIT			Position of Valve: RECEIPT	
Parent Location:					Purpose: RECEIPT	
Effective From: 1/1/2007	Open Ended	[...]			Status: ACTIVE	
Operator: 1	MIDWEST PIPELINE					
Confirm Party: 1	MIDWEST PIPELINE					

Details | Contacts | Geographic | Associated Names | **Capacity/Rate Area** | Capacity | Ownership | User Defined Fields |

As of Date: 12/7/2012 | Fill Defaults

	Effective From Date	To/Open Ended	Effective To Date	Capacity / Rate Area Type	Capacity / Rate Area	...	Capacity / Rate Area Name
1 Q	1/1/2007	Open E		Zone	SOUTH		SOUTH ZONE
2 Q	1/1/2007	Open E		System-Wide	ALL_LOC		ALL LOCATIONS
3		Open E					
4		Open E					
5		Open E					
6		Open E					
7		Open E					
8		Open E					
9		Open E					
10		Open E					
11		Open E					
12		Open E					
13		Open E					
14		Open E					
15		Open E					
16		Open E					
17		Open E					
18		Open F					
19		Open F					

Query | More >>> | All | Update | Help | Links | Close

Screens → Locations → Location Maintenance

Location Maintenance Capacity Tab

Used to specify location capacity

- ◆ Defines the minimum and maximum volume that a location can flow on a give gas day.
- ◆ This is used for Capacity Allocation process

(26001) Location Maintenance

Location:	820	[...]	SUMMIT	Position of Valve:	RECEIPT
Parent Location:				Purpose:	RECEIPT
Effective From:	1 / 1 / 2007	Open Ended	[...]	Status:	ACTIVE
Operator:	1	MIDWEST PIPELINE			
Confirm Party:	1	MIDWEST PIPELINE			

Capacity

	Capacity Type	Max / Min	Volume	UOM
1 Q	PHYSICAL	MAXIMUM	20,000	DTH
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

Query More >>> All Update Help Links Close

Screens → Locations → Location Maintenance

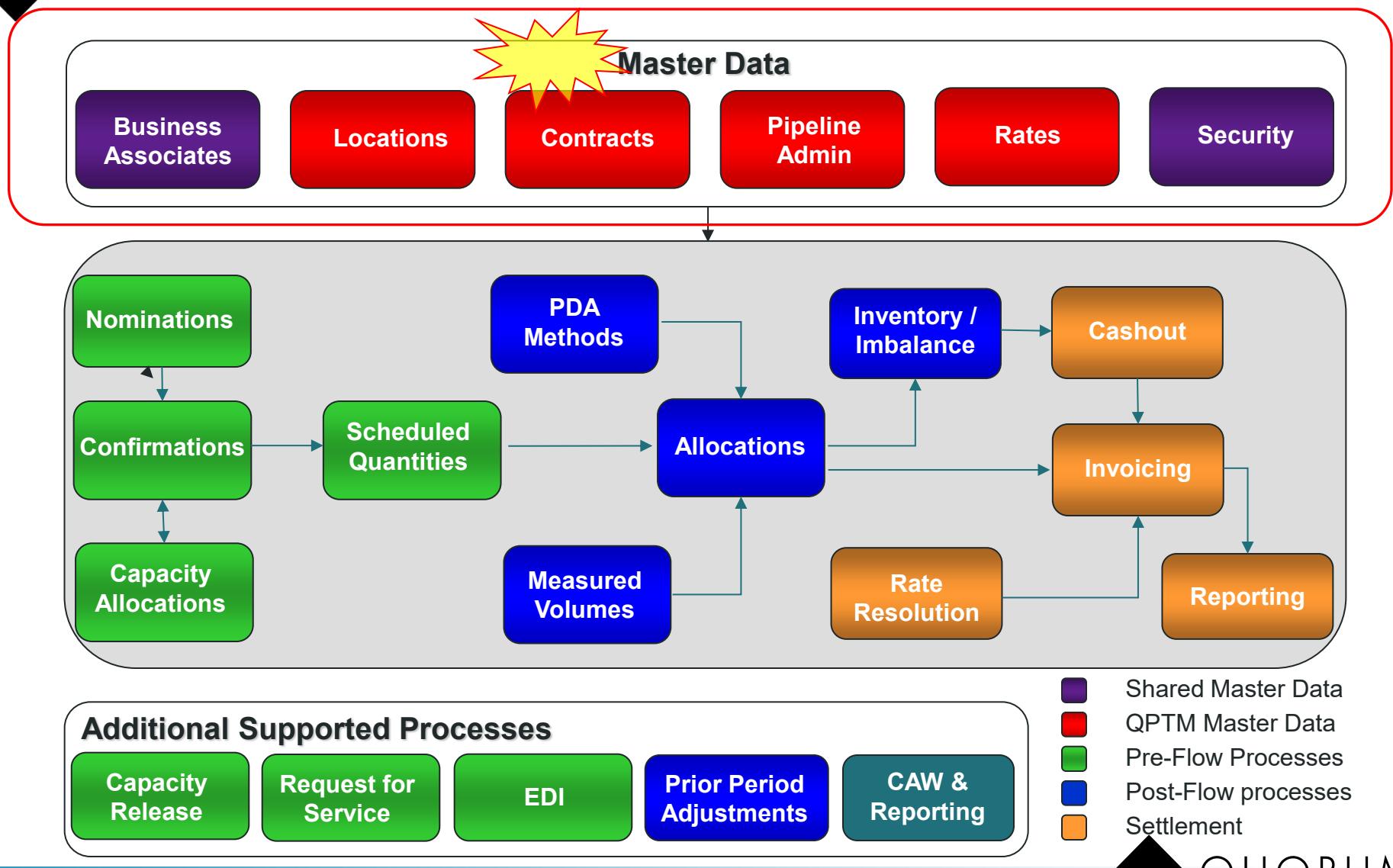
- ◆ Locations are the cash registers of the pipeline
- ◆ Charges for services are based on the flow into and out of the pipeline at each location



Exercise 1

- ◆ QPTM101 1.2
 - Add a Location

QPTM System Flow - Contracts



- ◆ Agreement between two business associates
- ◆ Contracts provide the terms and conditions upon which a pipeline bills its customers for services provided
- ◆ Includes specifics such as:
 - When (date range)
 - Where (locations)
 - How much (MDQ, MSQ, etc.)
 - Priority of Service (FTS, ITS, etc.)

Contract Maintenance Header

Contract number can be manually typed in or chosen from the next sequential number

- ◆ New amendment to the contract used to track changes to contract terms
 - ◆ Type of Service chosen during initial contract setup
 - ◆ This screen would be used by Pipeline Administration people such as Contract Administrators
- Screens → Contracts → Contract Maintenance

Used to create and maintain contracts

The screenshot shows the 'Contract Maintenance' window with the title '(26001) Contract Maintenance'. The window has several tabs at the top: General, Locations, Agents, Related K, Contacts, Imbalance, Invoice, Dates, and Rates. The General tab is selected. Key fields visible include:

- Contract #:** AP0001
- Amendment Seq #:** 0
- Business Party:** 2 APACHE CORPORATION
- Contract Eff Date Range:** 1/1/2007 to 12/31/9000
- Amendment Eff Date Range:** 1/1/2007 (Open Ended)
- Type of Service:** FTS
- Status:** EXECUTED
- Facility:** MIDWEST PIPELINE
- TDS Subtype:** TRANSPORTATION
- Contract Type:** PT
- Regulatory Authority:** OTHER (CONVERSION ONLY)
- Fuel Preference:** FUEL IN KIND
- RFS #:** 1
- Master Contract #:** (empty)
- System Source:** REQUEST FOR SERVICE
- Contract Quantities:**
 - MDQ UOM: ENERGY
 - Contract MDQ (DTH): 31,700
 - Winter MDQ (DTH):
 - Shoulder MDQ (DTH):
 - Summer MDQ (DTH):
- Override Contract MDQ (DTH):** (empty)
- Contract MSQ (DTH):** Fixed, Seasonal Profile, Min, Max
- Rate Handling:**
 - Rate Conversion Basis (Monthly to Daily): Not Applicable
 - Supplemental Volume Distribution: Not Applicable
 - Scheduling Variance: (empty)
- MDIQ:** (empty)
- MDWQ:** (empty)
- Contract SRC (DTH):** (empty)

Contract Maintenance General Tab

Used to specify general contract terms

- ◆ Nomination model drives how contract can be nominated (PT, PNT)
- ◆ Attributes allow further customization of contract terms and are user-defined

The screenshot shows the 'Contract Maintenance' window with a red border around the 'General' tab. The window has various input fields and dropdown menus. Key visible data includes:

- Links:** Contract #: AP0001, Amendment Seq #: 0, Business Party: 2 (APACHE CORPORATION), Contract Eft Date Range: 1/1/2007 - 12/31/9000, Amendment Eft Date Range: 1/1/2007 - Open Ended.
- General Tab Fields:**
 - Status: EXECUTED
 - Facility: MIDWEST PIPELINE
 - TOS Subtype: TRANSPORTATION
 - Contract Type: PT
 - Nomination Model: OTHER (CONVERSION ONLY)
 - Route: FUEL IN KIND
 - Fuel Preference: FUEL IN KIND
 - Prepaid Reservation Prod Mth Offset: [empty]
 - Additional Attributes:** A table showing attributes like Billable (Y/N), Capacity Release Allowed (Y/N), Cash-in/Cash-Out Allowed (Y/N), etc., all marked as Y/N.
 - Rate Handling:** Rate Conversion Basis (Monthly to Daily): Not Applicable, Supplemental Volume Distribution: Not Applicable, Scheduling Variance: [empty].
- Right Panel:** RFS #: 1, Master Contract #: [empty], System Source: REQUEST FOR SERVICE, MDQ UOM: ENERGY, BTU Factor: [empty], Contract MDQ (DTH): 31,700, Winter MDQ (DTH): [empty], Shoulder MDQ (DTH): [empty], Summer MDQ (DTH): [empty], Override Contract MDQ (DTH): [empty].
 - Contract MSQ (DTH):** Fixed Min: [empty], Max: [empty]. Seasonal Profile: Current MDIQ/MDWQ.
 - MDIQ:** Fixed: [empty], Ratchet: [empty].
 - MDWQ:** Fixed: [empty], Ratchet: [empty].
 - Contract SRC (DTH):** [empty].

Screens → Contracts → Contract Maintenance

Contract Maintenance Locations Tab

Used to specify receipt/delivery locations and MDQ

- ◆ Contracts can be setup with Location and / or Location Groups
- ◆ The Contract MDQ is calculated as the sum of the location MDQs have been marked as “Count in MDQ”
- ◆ In all cases, total receipt MDQ must equal total delivery MDQ

The screenshot shows the 'Contract Maintenance' window with the 'Locations' tab selected. The window has fields for Contract # (AP0001), Amendment Seq # (0), Business Party (2 APACHE CORPORATION), and various date ranges. Below these are tabs for General, Locations, Agents, Related K, Contacts, Imbalance, Invoice, Dates, and Rates. The main area is a grid table with columns: Receipt Location ID, Receipt Location Name, Receipt Location Group ID, Receipt Location Group Name, Display Aggregate Split, Delivery Location ID, Delivery Location Name, Delivery Location Group ID, Delivery Location Group Name, Display Aggregate Split, and MDQ Type. Rows 1 through 4 show data with rows 1, 2, and 3 highlighted in yellow, indicating they are counted in the MDQ. Rows 5 through 20 are empty. At the bottom, there are sections for Contract MDQ (Total Receipt MDQ: 31,700) and Location MDQ (Receipt Location ID, Delivery Location ID, Total MDQ: 31,700), along with a 'Resolve Rates' button.

Receipt Location ID	Receipt Location Name	Receipt Location Group ID	Receipt Location Group Name	Display Aggregate Split	Delivery Location ID	Delivery Location Name	Delivery Location Group ID	Delivery Location Group Name	Display Aggregate Split	MDQ Type
1 Q 820	SUMMIT			N/A	843	LYONS			N/A	FIXED
2 Q 824	SPRINGDALE			N/A	850	MERRILL			N/A	FIXED
3 Q 837	FRANKFORT			N/A	856	BERKELEY			N/A	FIXED
4 Q 874	ALPINE LATERAL			N/A	875	TAOS LATERAL			N/A	FIXED
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

Screens → Contracts → Contract Maintenance

Contract Maintenance Imbalance Tab

- ◆ Settlement Method
 - Monthly CICO, Daily CICO, or In-kind
- ◆ When to cash-out – number of production months after imbalance occurs

Used to determine how contract imbalances are handled

The screenshot shows the 'Contract Maintenance' window with the 'Links' tab selected. The 'Imbalance' tab is highlighted with a red border. The 'General' tab is also visible. The 'Imbalance' tab contains several configuration fields:

Settlement Method:	Cash In Cash Out	CICO PPA Lag Time:	1 month(s)
Threshold (DTH):		CICO Settlement Lag Time:	1 month(s)
Settlement Portion:		Monthly Trading Lag Time:	1 month(s)
Percentage of Imbalance: %		Daily Trading Lag Time:	business day(s)
Imbalance Contract #:			
Percentage Basis:			
Threshold Percent: %			

At the bottom of the window are buttons for 'Query', 'Update', 'Help', 'Links', and 'Close'.

Screens → Contracts → Contract Maintenance

Contract Maintenance Dates Tab

Used to capture calendar dates for specific contracts and to send email notifications to assigned users

(26001) Contract Maintenance

Contract	AP0005	Links	Retrieve	Update	Help	Cancel
Amendment	0	ORIGINAL	Contract Eff Date	1/1/2007	To	12/31/9000
Business	2	APACHE CORPORATION	Amendment Eff Date	1/1/20	Open Ende	...
Type of	ISS	Start Cyc

General | Locations | Agents | Related K | Contacts | Imbalance | Invoice | **Dates** | Rates |

Evergreen Primary Term Expiration / / Execute Date: 10/28/2007 12:00

Primary Term / /

Evergreen Term / /

Evergreen Notice / /

Evergreen / /

	Date Code	Date	User ID	...	User Name	Notice Days	Occurrence (Calendar)
1				...			
2				...			
3				...			
4				...			
5				...			
6				...			
7				...			
8				...			
9				...			
10				...			
11				...			
12				...			
13				...			
14				...			
15				...			
16				...			

Retrieve Update Help Links Close

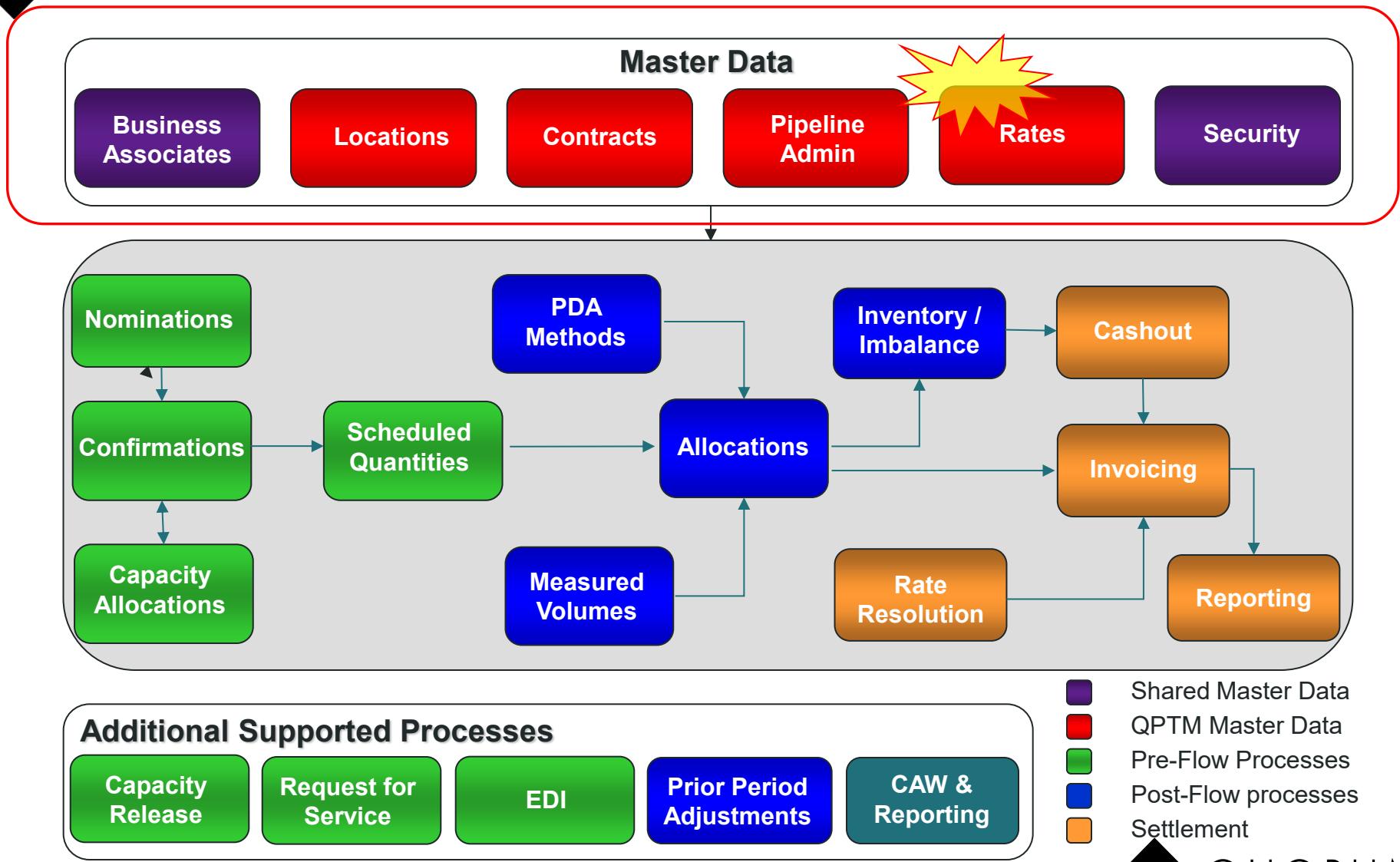
Screens → Contracts → Contract Maintenance



Exercise 2

- ◆ QPTM101 1.3
 - Add an ITS Contract

QPTM System Flow - Rates



Rate Maintenance Header & General Tab

Used to maintain charges

- ◆ Maintains rates that are invoiced to customers
- ◆ Effective Dated

(26001) Rate Maintenance

Links Retrieve Update Help Cancel

Rate ID: 2 N-> MAX TARIFF COMMODITY

Effective From: 1 / 1 / 2007 Open Ended

General Location Details - Grid Rate/Contract Assoc Rate/Inventory Assoc Rate/TOS Assoc

Type of Charge: COM || COMMODITY Notification Days:

Rate Type: TARIFF MAX Charge Basis: Allocated Deliveries || AL

Price Type: Fixed Price Field Rate Type:

Charge Period: DAILY Associated Offer ID:

Contact: ...

Override

Matrix Display

Unit of Measure:

Query Update Help Links Close

Screens → Rates → Rate Maintenance

Rate Maintenance Location Details Tab

Used to define the receipt and delivery location(s) and/or groups(s) that the rate applies to, as well as the associated price for the path

- What locations does the rate apply to

The screenshot shows a Windows application window titled '(26001) Rate Maintenance'. The window has standard operating system controls at the top right. Below the title bar is a toolbar with buttons for 'Links', 'Retrieve', 'Update', 'Help', and 'Cancel'. The main area contains input fields for 'Rate ID' (set to 2), 'MAX TARIFF COMMODITY' (highlighted in yellow), and 'Effective From' (set to '1/1/2007' with 'Open Ended' checked). Below these fields is a tabbed navigation bar with 'General', 'Location Details - Grid' (which is selected and highlighted in green), 'Rate/Contract Assoc', 'Rate/Inventory Assoc', and 'Rate/TOS Assoc'. The 'Location Details - Grid' tab displays a data grid with columns: Receipt Location ID, Receipt Location Name, Receipt Location Group ID, Delivery Location ID, Delivery Location Name, Delivery Location Group ID, and Fixed Price. The grid contains 19 rows, each corresponding to a number from 1 to 19. The 'Fixed Price' column for row 19 is set to '\$ 0.10000'. At the bottom of the grid are buttons for 'Query', 'Update', 'Help', 'Links', and 'Close'.

Screens → Rates → Rate Maintenance

Rate Maintenance Rate / Contract Association Tab

Used to define which contracts are eligible for the rate

(26001) Rate Maintenance

Links Retrieve Update Help Cancel

Rate ID: 32 K# DK0002 DISCOUNT COMMODITY

Effective From: 1 / 1 / 2007 To: 1 / 1 / 2008

General Location Details - Grid **Rate/Contract Assoc** Rate/Inventory Assoc Rate/TOS Assoc

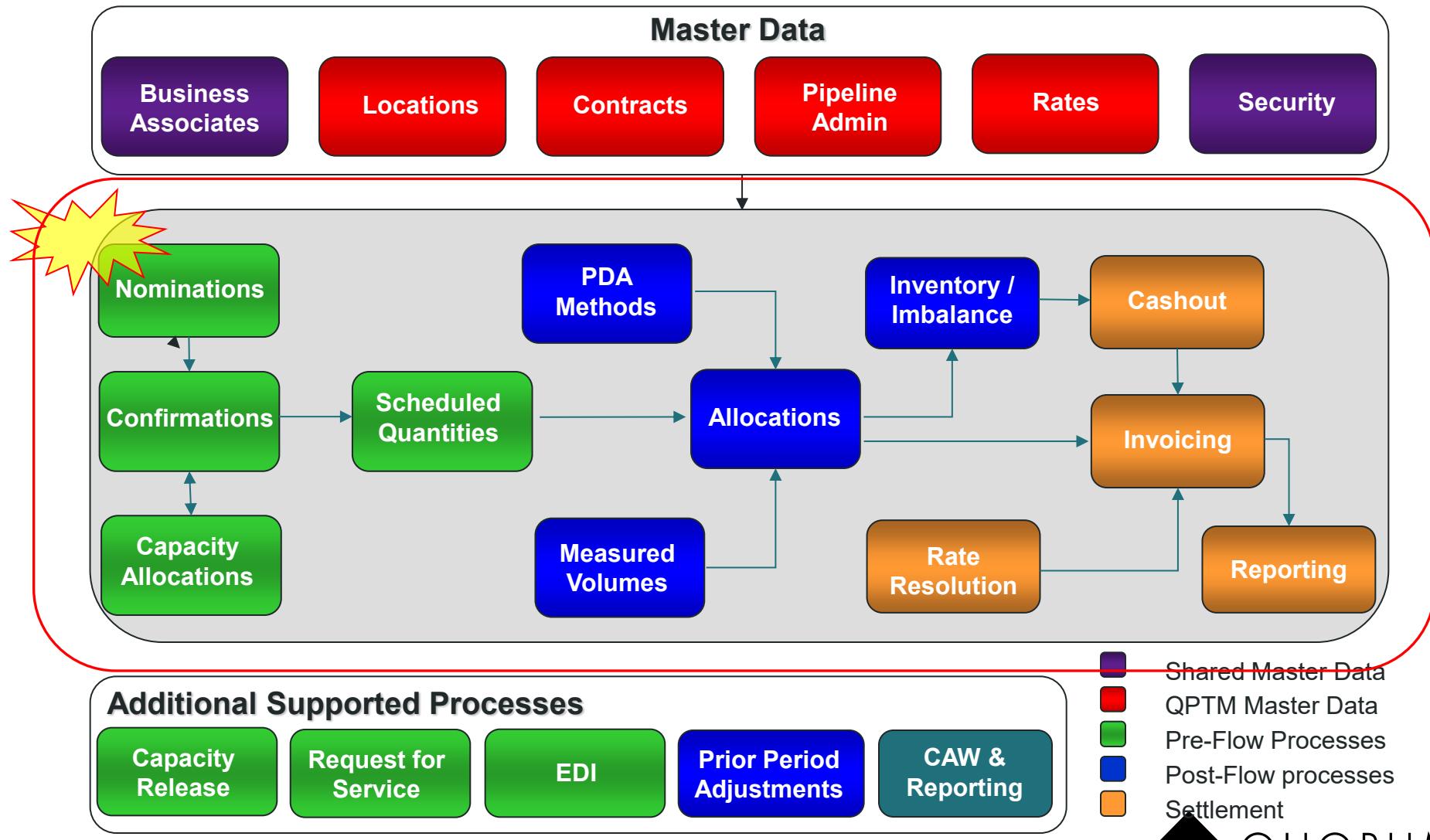
As of Date: _____

	Contract Number	Amend Number	Business Party Name	TOS
1 Q	DK0002		DUKE ENERGY FIE	FTS
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Query Update Help Links Close

Screens → Rates → Rate Maintenance

QPTM System Flow





What is a Nomination?

- ◆ A nomination is a request for a quantity of gas for a specific timeframe at a specific receipt and delivery point



Parts of a Nomination (Terminology)

- ◆ Who is entering the nomination?
 - Service Requester (SR)
- ◆ What agreement gives the SR rights to nominate?
 - Service Requester Contract
- ◆ Where are you getting the gas?
 - Receipt Location
- ◆ At that location, who are you BUYing the gas from?
 - Upstream Entity (BP)
 - Upstream Contract
 - Upstream = Buy
- ◆ Once you buy the gas at the receipt location, where are you taking it?
 - Delivery Location
 - From the receipt location to the delivery location is the PATH
- ◆ At the delivery location, who are you SELLing the gas to?
 - Downstream Entity (BP)
 - Downstream Contract
 - Downstream = Sell

Parts of a Nomination



Upstream / Buy

Who is the Service Requester buying the gas from at the receipt location?

SR
SR K
Receipt Location
Receipt Qty
Up Entity
Up K
Up Pkg ID
Up Rank

Path

How does the Service Requester get the gas from one point to another?

SR
SR K
Pkg ID
Receipt Location
Receipt Qty
Receipt Rank
Delivery Location
Delivery Qty
Delivery Rank
Trans Type

Downstream / Sell

Who is the Service Requester selling the gas to at the delivery location?

SR
SR K
Delivery Location
Delivery Qty
Dn Entity
Dn K
Dn Pkg ID
Dn Rank

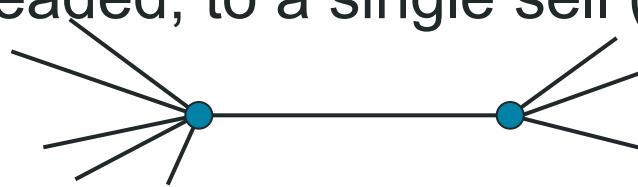
- ◆ PT (Path Threaded)

- ONE buy and ONE sell for each path
- All of the gas bought from the single upstream party at the receipt point is sold to the single downstream party at the delivery point



- ◆ PNT (Path Non-Threaded)

- Multiple buys and / or multiple sells for each path
- The gas bought from any single party cannot be tracked, or threaded, to a single sell (downstream party)





Nomination Validations

- ◆ Line
 - Information needed to validate a line rule is contained within the single record being validated
 - Other nomination records have no influence on the validity of the record being checked
 - Example: The nominated path is valid for the contract
- ◆ Business
 - Validated as a set
 - The validation of one record depends on a set of nominations with something in common, usually multiple nominations on a single contract
 - Example: Contract MDQ validation

Measurement

- ◆ MCF – 1 MCF equals the volume of 1,000 cubit feet (cf) of natural gas
- ◆ BTU - The BTU is a unit of measurement for energy and represents the amount of heat that is needed to raise the temperature of one pound of water by 1 degree Fahrenheit.
 - 1 million BTUs = 1 MMBTU
- ◆ DTH – A unit of measurement for natural gas
 - 1 MMBTU = 10 therms
 - 1 DTH = 1 MMBTU
- ◆ Therm – 1 Therm = 100,000 BTU or 0.10 MMBTU

Nomination Submission Header

Used to create and maintain nominations

- Submitted by a service requester
- Submitted for a date range and cycle

The screenshot shows the (26001) Nomination Submission window. The top menu bar includes Nominations, Links, Path Form, Pending Xfer, Retrieve, Filter, New, Copy, Delete, Validate, More Actions, Submit, Help, and Cancel. The main area contains fields for TSP/TSP Prop (26001), TSP Name (MIDWEST PIPELINE), Svc Req/Svc Req Prop (01-48), Svc Req Name (QUORUM BUSINESS SOLUTIONS), Beg Date/Beg Time (7/1/2007 9:00:00 AM), End Date/End Time (8/1/2007 9:00:00 AM), Cycle (TIM), Gas Day (7/1/2007), Def End Gas Day (7/31/2007), and Query Cycle. Below these are Svc Req Totals: Buy Qty (47,000), Rec Qty (47,000), Rec Var Qty (0), Fuel Qty (611), Del Qty (46,389), Sell Qty (46,389), Del Var Qty (0), and a checked checkbox. The window also features tabs for PNT Nominations, PT Nominations, Path Summary, Location Summary, and Errors. At the bottom are buttons for Retrieve, Filter, Show All, Path Form, Pend, New, Copy..., Delete, Save, Validate, More Actions, Submit, Help, Links, and Close.

Screens → Nominations → Nomination Submission

Nomination Submission PNT Tab

Used to enter PNT nominations for a path-centric view

- ♦ Nom details are displayed in path centric grids
 - Path
 - Upstream
 - Downstream

(26001) Nomination Submission

TSP/TSP Prop:	26001	TSP Name:	MIDWEST PIPELINE								
Svc Req/Svc Req Prop:	01-48	Svc Req Name:	QUORUM BUSINESS SOLUTIONS								
Beg Date/Beg Time:	7/1/2007 9:00:00 AM	End Date/End Time:	8/1/2007 9:00:00 AM								
Gas Day:	7/1/2007	Def End Gas Day:	7/31/2007								
Cycle: TIM											
Act Cd: [...] N -> Filters											
Svc Req K: [] Rec/Del Loc/Loc Prop: [] More F											
Svc Req Totals: Buy Qty: 47,000 Rec Qty: 47,000 Rec Var Qty: 0 Fuel Qty: 611 Del Qty: 46,389 Sell Qty: 46,389 Del Var Qty: 0 <input checked="" type="checkbox"/> Ir											
PNT Nominations PT Nominations Path Summary Location Summary Errors											
Svc Req K Totals: Svc Req K: QU0002 Rec Qty: 15,000 Fuel Qty: 195 Del Qty: 14,805 KMDQ: 85,000 Available KMDQ: 70,195 Mode											
Path											
Err	Var	Svc Req	Svc Req Prop	Svc Req Name	Svc Req K	...	Beg Date / Beg Time	End Date / End Time	Cycle	Rec Loc	Rec Loc Prop
1 Q>	BV	[]	01-48	QUORUM BUSINESS SOLUTIONS	QU0002	[...]	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	430860	897
2 Q	BV	[]	01-48	QUORUM BUSINESS SOLUTIONS	QU0002	[...]	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	430860	897
!!!											
Totals											
Upstream				Downstream							
Rec Loc Prop: 897 Buy Qty: 15,000 Rec Qty: 15,000 Rec Var Qty: []				Del Loc Prop: 896 Del Qty: 14,805 Sell Qty: 14,805 Del Var Qty: []							
Err	Var	Svc Req	Svc Req Prop	Svc Req Name	Svc Req K	...	Beg Date / Beg Time	End Date / End Time	Cycle	Rec Loc	Rec Loc Prop
1 Q	BV	[]	01-48	QUORUM BUSINESS SOLUTIONS	99999	[...]	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	430860	897
>>>	[]	[]	[]	[]	[]	[...]	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	430860	897
!!!											
Totals											
Path Form Pend New Copy... Delete Save Validate More Actions Submit Help Links Close											

Screens → Rates → Rate Maintenance

Nomination Submission

PT Tab

Used to enter PT nominations

- ◆ One grid displays all upstream, downstream and path details

(26001) Nomination Submission

Err	Var	Svc Req	Svc Req Prop	Svc Req Name	Svc Req K	...	Beg Date / Beg Time	End Date / End Time	Cycle	Rec Loc	Rec Loc Prop	[...]	Rec Loc Name	Up
1 Q>	BV		01-48	QUORUM BUSINESS	QU0001	...	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	43086	897	...	QBS Receipt Loca	443
2 Q	BV		01-48	QUORUM BUSINESS	QU0001	...	7/1/2007 9:00:00 AM	8/1/2007 9:00:00 AM	TIM	43086	897	...	QBS Receipt Loca	443
						...								

Screens → Nominations → Nomination Submission

Nomination Submission Errors Tab

Used to display errors associated with validated/submitted nominations

- ◆ Displays error details
- ◆ Lists the validation rule that has been violated

The screenshot shows the 'Nomination Submission' application window with the title '(26001) Nomination Submission'. The 'Errors' tab is selected in the bottom navigation bar. A red box highlights the first two rows of the error grid, which contain the following data:

Err	Severity	Validation Date	Svc Req K	Error Message	Ovrd	Ovrd Code	Rec Qty	Del Qty	Up K
1> NN00002116	ERROR	7/1/2007	qu0001	The delivery location is missing for this nom record.	<input type="checkbox"/>				
2	NN00002115	ERROR	7/1/2007	qu0001	The receipt location is missing for this nom record.	<input type="checkbox"/>			

Nominations → Nomination Submission



Nomination Post Create Process

- ◆ Runs in background after Submit
- ◆ Responsible for multiple tasks
 - Creating / Updating Latest Cycle and Confirmation records and quantities
 - Creating Life Cycle records
 - Sending Notifications

Nominations → Nomination Submission

Nomination Post Create Process

	Queue ID	Seq	P/PS Name	Status	Queue Date	User		
87554			NNPSTCREAT	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON		
	132879	1	NNLATECYC	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON		
	132880	2	CFNOMSYNCH	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON		
	87555		EPSQCALC	CS	2/8/2011 6:29:36 PM	BRENT_JOHNSON		
		132897	1	EPSQCALC	CS	2/8/2011 6:29:36 PM	BRENT_JOHNSON	
		132881	3	NNCREALIFE	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	
		132882	4	NNCREAXFER	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	
		132883	5	NNNTFAFTHR	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	
		132884	6	NNNTFRETAC	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	
		132885	7	RTOFF2RATE	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	
		132886	8	NNERROVRD	CS	2/8/2011 6:29:19 PM	BRENT_JOHNSON	

NNPSTCREAT – batch process that runs ‘behind the scenes’ on nomination submit

NNLATECYC – creates the association between nomination and confirmations

CFNOMSYNCH – synchronizes the nomination and confirmation quantities

EPSQCALC – sets the EPSQ quantities for the intraday cycles

NNCREALIFE – creates the lifecycle audit trail records

NNCREAXFER – creates the title transfer records associated with title transfer locations

NNNTFAFTHR – triggers the after-hours nomination notification

NNNTFRETAC – triggers the retroactive nomination notification

RTOFF2RATE – creates rates from offers that were used as a bid transport on the nominations

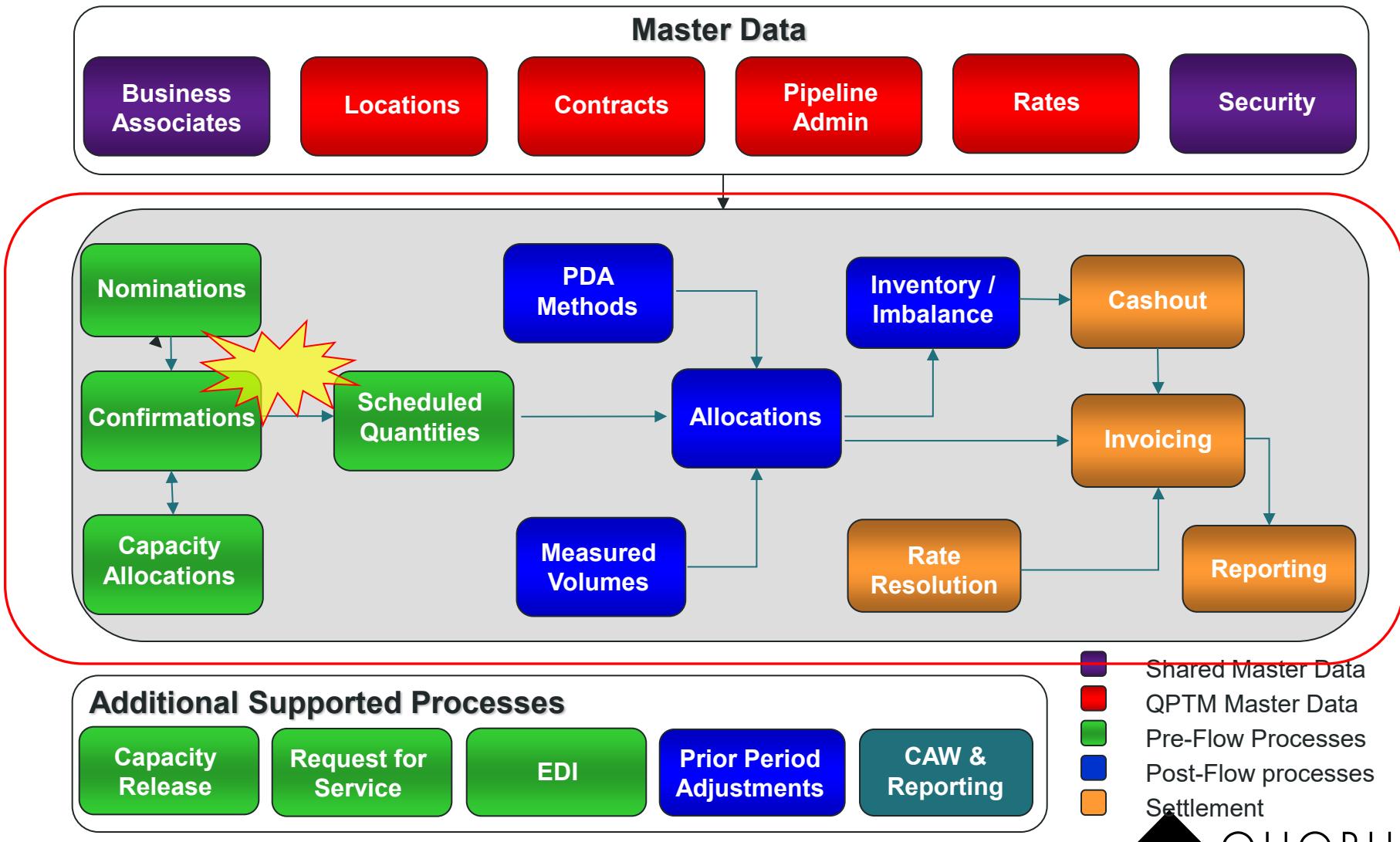
NNERROVRD – creates the nomination error override audit trail records



Exercise 3

- ◆ QPTM101 1.4
 - Submit a New PNT Nom for ITS Contract

QPTM System Flow - Confirmations





Confirmation Process

- ◆ Several process steps are used for the confirmation process, including:
 - CFNOMSYNCH
 - Creates confirmation records from current nomination data
 - Updates existing confirmation records based on the nom data
 - Updates current confirmation records based on confirmation rules
 - PBBALCHAIN (optional)
 - Runs Contract Balancing and Path Balancing
- ◆ These processes are a combination of multiple process steps



Confirmations

- ◆ A confirmation is an agreement between interconnecting parties to receive / deliver a specified quantity of gas for a specified date under a contract for a specific interconnect based on submitted nominations
- ◆ A confirmation is placed for a specific day by the Operator of that interconnect point
- ◆ Every nomination must have a confirmation. Once the nomination is confirmed, this is the Scheduled Quantity
- ◆ Once the confirmation records have been created, confirming parties with the proper security can confirm and reduce nominated volumes



QUORUM
BUSINESS SOLUTIONS, INC.

Confirmation Response

Used to view and edit confirmations after nominations have been submitted

(26001) Confirmation Response

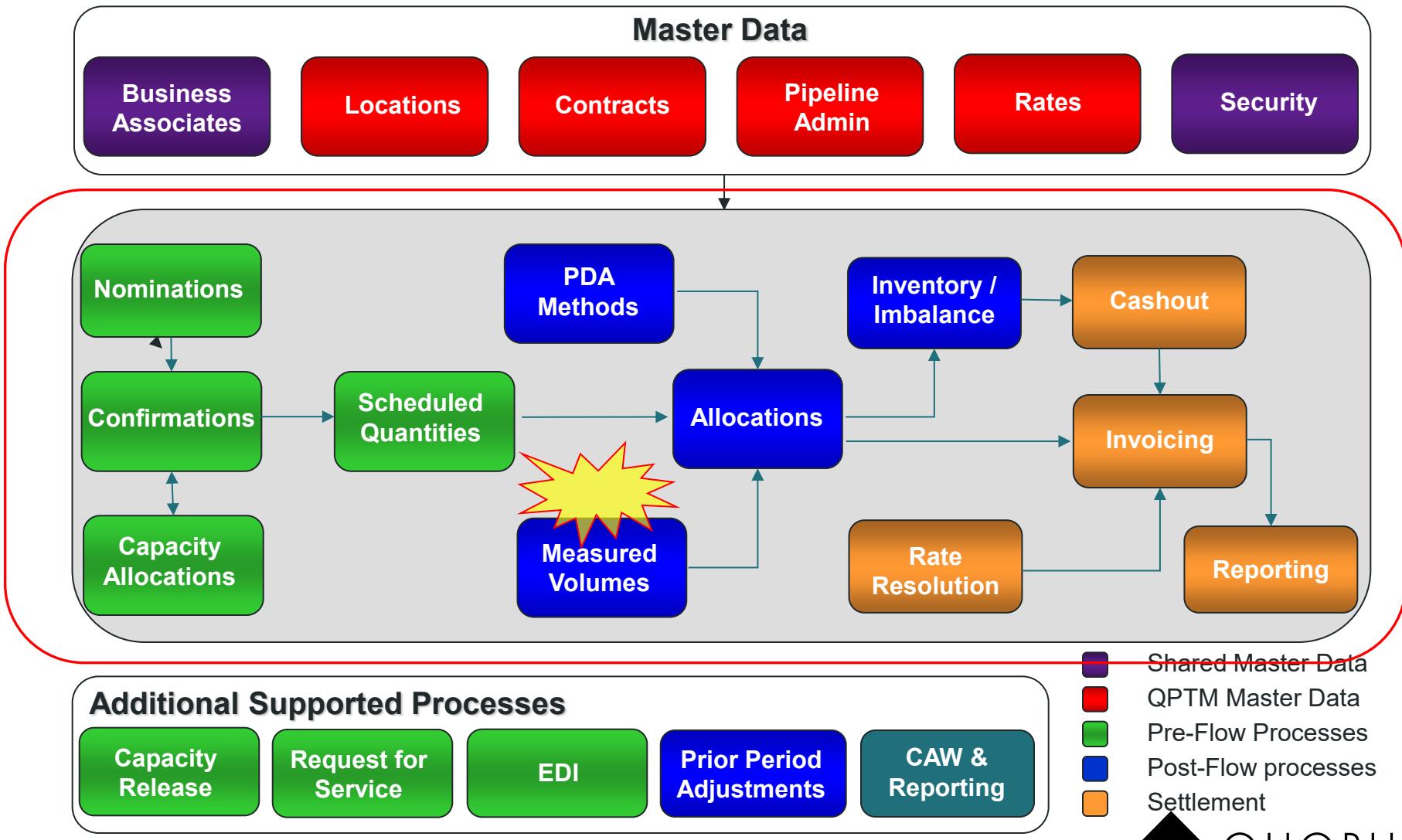
Dn ID	Dn ID Prop	Dn Name	Up K	Dn K	Svc Req	Svc Req Prop	Svc Req Name	Svc Req K	Pkg ID	Qty	Conf?	RR	Conf Method	Up Rank	Dn Rank	Rec Rank	Del Rank	Up Pkg Id	Dn Pkg Id	Conf Trk ID
1 Q>	1	MIDWE			884331	2	APACHE	AP0002		100	<input checked="" type="checkbox"/>		CBE	1	1	1	1			
2 Q	655322	1	MIDWE		222222	95651 TE	95651			100	<input checked="" type="checkbox"/>		CBE	1	1	1	1			

Total Location Quantities: 820 SUMMIT Previous Day (DTH): 200 Nominated (DTH): 200 Confirmed (DTH): 200 EPSQ (DTH): 0

Query Form View Confirm All Edit Closed Cycle Submit Help Links Close

Screens → Confirmations → Confirmation Response

QPTM System Flow – Measured Volumes



Measurement Entry

Used to view and modify measurement

- ◆ The Measurement Entry screen is used to add, update and view measurement interfaced from the external measurement system
- ◆ Two of three measurement values can be entered (Volume, Energy, or BTU Factor) and the screen will calculate the other value
- ◆ The By Month button allows you to enter a volume for the month and apply it evenly to all days in the month

(26001) Measurement Entry

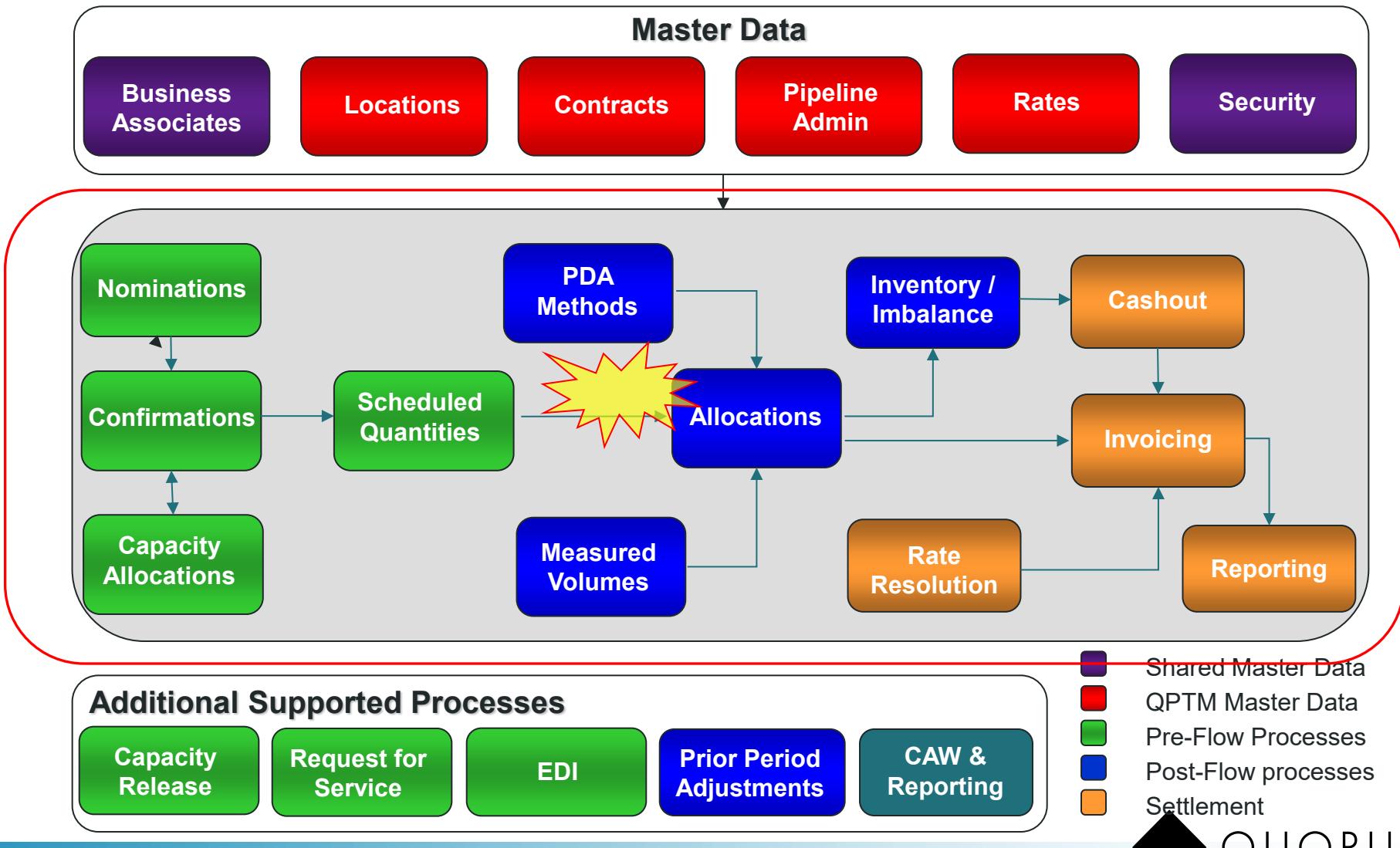
Gas Day	Accounting Month	Vol MCF	BTU Factor	Eng DTH	Accuracy	Position	Update Use	Update I
1 Q	06/2007	15,321	1.044432	16,000	ACTUAL		EMILY_PERR	5/21/2008
2 Q	06/2007	13,406	1.044430	14,000	ACTUAL		KWAN_CHO	6/18/2008
3 Q	06/2007	4,788	1.044430	5,000	ACTUAL		KWAN_CHO	6/18/2008
4 Q	06/2007	958	1.044430	1,000	ACTUAL		KWAN_CHO	6/18/2008
5 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
6 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
7 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
8 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
9 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
10 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
11 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
12 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
13 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
14 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
15 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
16 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
17 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
18 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
19 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
20 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
21 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
22 Q	06/2007	15,321	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
23 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
24 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
25 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
26 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
27 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
28 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
29 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007
30 Q	06/2007	15,322	1.044430	16,000	ACTUAL		MARC_SPITZ	11/5/2007

Total Quantities: 432,827 Eng (DTH): 452,000

Query By Month Update Help Links Close

Screens → Allocations → Measurement Entry

QPTM System Flow - Allocations





What is “Allocations”?

- ◆ What?
 - Dividing the actual measured (flow) quantity
- ◆ Where?
 - At a location
- ◆ Who?
 - To the customers and contracts (defined in nominations)
- ◆ How?
 - Based on the final scheduled quantity
 - Using the default / predetermined allocation (PDA) methods

Daily Allocated Quantity Maintenance

- ◆ Displays the latest and greatest Allocated Daily Volumes
- ◆ Displays the Totals of Measured/Allocated/Scheduled quantities

View the allocation results for daily allocated locations

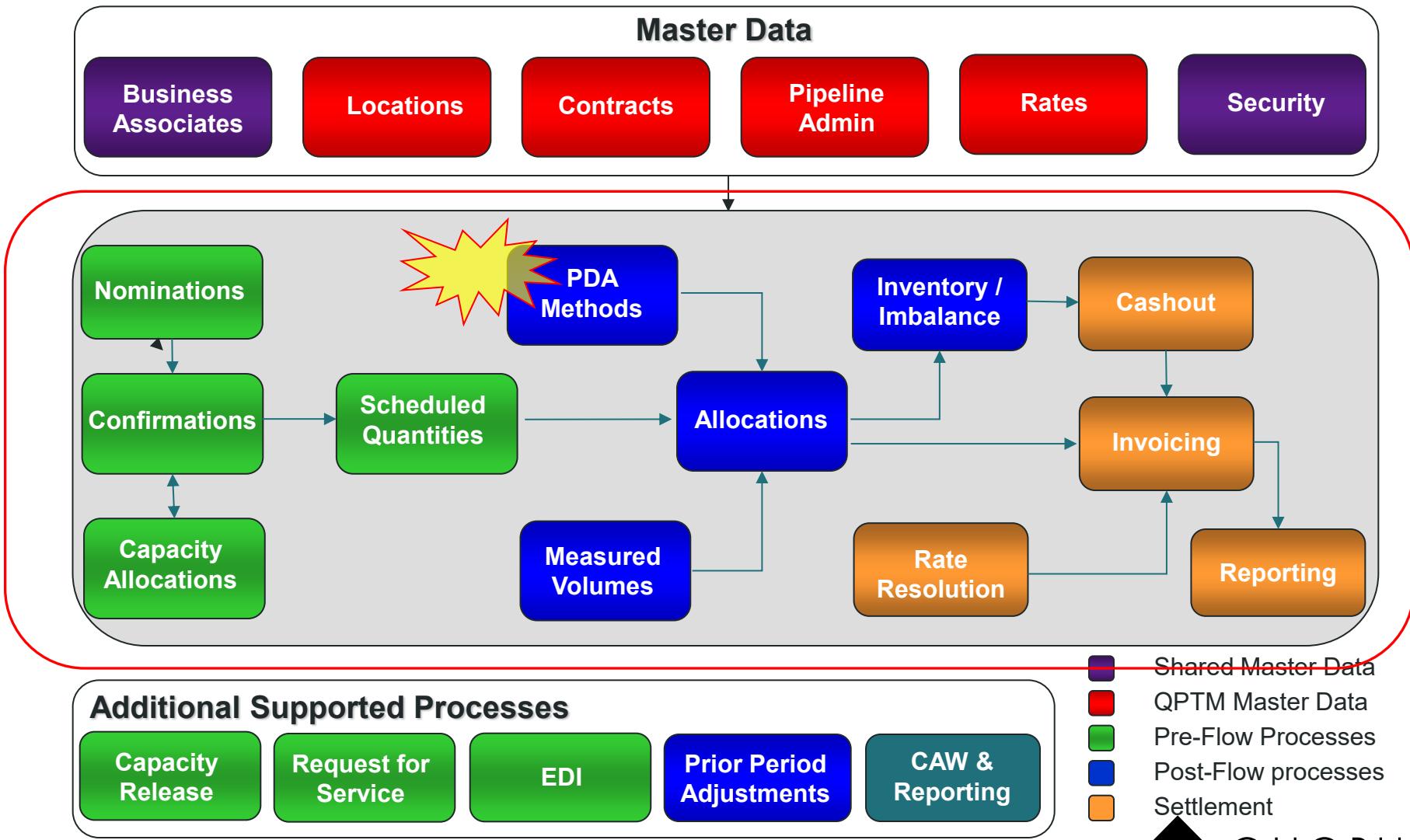
(26001) Daily Allocated Quantity Maintenance

Allocation		Links		Retrieve		Update		Help		Cancel				
Prep ID/Prep ID	946553225	26001	Prep Name:	MIDWEST PIPELINE	Contact	JOHN	ALLEN	Contact	7134308611					
Recipient/Recipient	946553225	1	Recipient	MIDWEST PIPELINE	Stmt	12/7/2012 3:58:01 PM								
Alloc	13K	...	2	DEFAULT - NOM	Parent Alloc	13	101	SVC REQ K	Billing	Daily	POV: R			
Loc/Loc	123456000	820	...	Loc	SUMMIT				Loc	MIDWEST PIPELINE				
Beg Date/Beg	8/1/2007 9:00:00		End Date/End	8/2/2007 9:00:00										
Gas Day From:	8/1/2007	To	8/1/2007											
Svc Req/Svc Req								Svc Req						
Meas Qty	Meas Qty	Sched Qty	Prev Tier Alloc	Alloc (Vol)	Variance (Vol)	Prev Tier	Alloc	Variance						
Total: 0	0	5,050	Total: 0	0	0	Total: 0	0	0						
Daily Summary														
	Acct Per	Beg Date/Beg	End Date/End	Loc	Loc Prop	Loc Name	Dir Flo	Rec Loc	Rec Loc Prop	Rec Loc Name	Up ID	Up ID Prop		
1 Q	8/1/2007	8/1/2007 9	8/2/2007 9	123456000	820	SUMMIT	R	123456000	820	SUMMIT				
2 Q	8/1/2007	8/1/2007 9	8/2/2007 9	123456000	820	SUMMIT	R	123456000	820	SUMMIT				
Total														
Query				Update				Help				Links		Close

Screens → Allocations → Daily Allocated Quantity Maintenance

- ◆ Uses the allocation plan, any applicable PDAs, and the final scheduled quantities to allocate the measured quantity at each location back to the nomination(s)

QPTM System Flow - PDA





PDA Submission

- ◆ Pre-determined Allocations are used to determine how to allocate the measured gas at a location to a service requestor or contract for a given day or month

PDA Submission

Used to submit Pre-Determined Allocations (PDAs)

- ◆ PDAs are created and submitted:
 - For a Location
 - At an allocation level For a date range

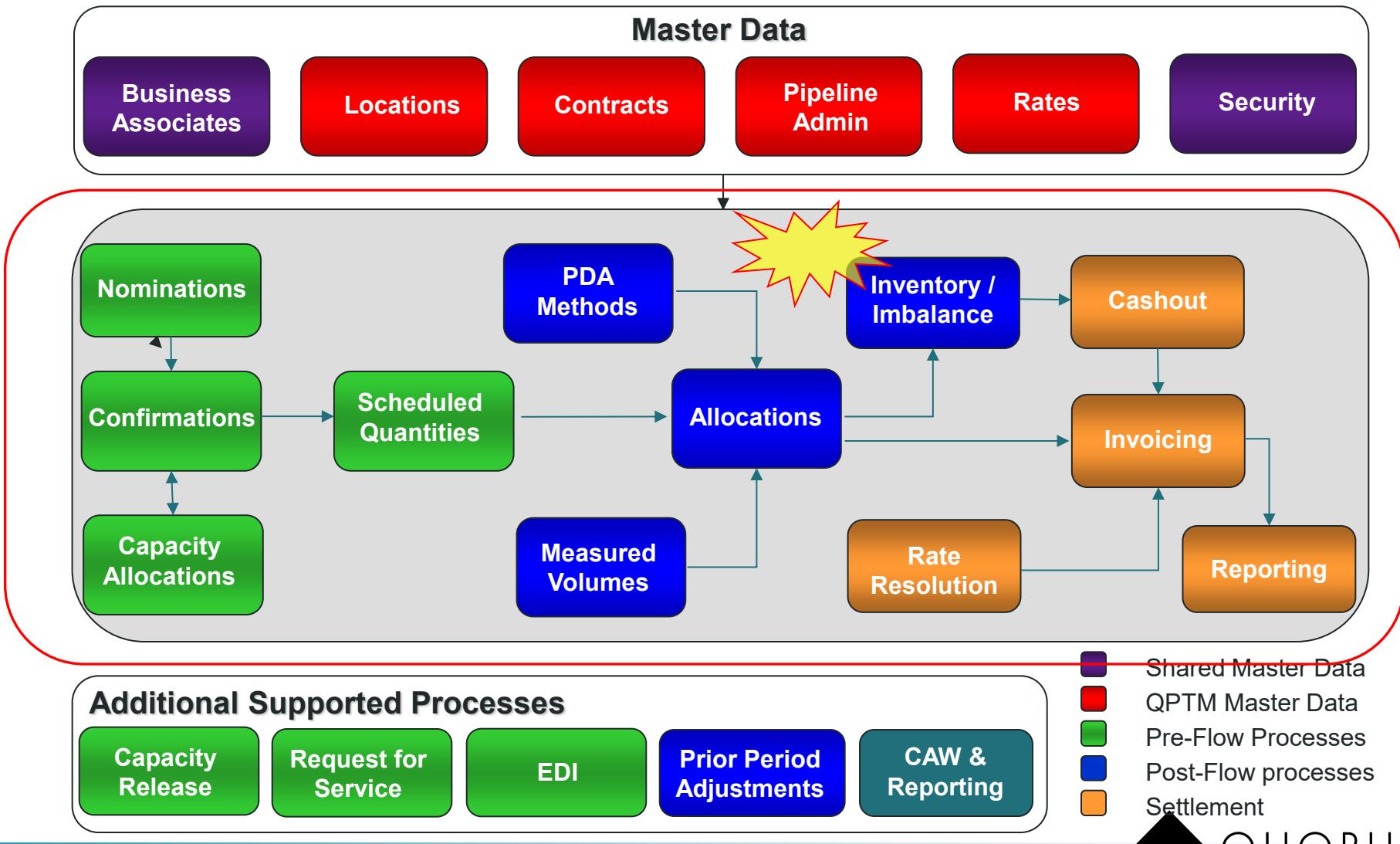
(P) (26001) PDA Submission

Pre-determined Allocation		Links	PDA Form	Retrieve	New	Delete	Submit	Help	Cancel
Prep ID / Prep ID Prop:	946553225 1	[...]	Pre Name:	MIDWEST PIPELINE					
Contact Name:	JOHN ALLEN		Contact Phone:	(713) 430-8611					
Recipient / Recipient Prop:	946553225 1		Recipient Name:	MIDWEST PIPELINE					
Stmt D / T:	5 / 1 / 2007 12:00:00 AM		PDA Freq:	DAILY					
PDA TT:	1 5 OPERATOR								
Beg Date / Beg Time:	3 / 1 / 2007 9:00:00 AM		End Date / End Time:	/ / : : :					
Eff Date Range:	3 / 1 / 2007	Open Ended							
I Inc / I Inc Prop:	123456000 820	[...]	Loc Name:	SUMMIT					
Svc Req / Svc Req Prop:				Svc Req Name:					
Allocation Plan ID:	1	Operator:	MIDWEST PIPELINE	PvN:	RECEIPT				
	Alloc Methd	Alloc Rank Ind	Alloc Rank Lvl	Limit Value	Dir Flg	Svc Req	Svc Req Prop	[...]	Svc Req Name
1 Q	RK	H	1		R	884331012	2	[...]	APACHE CORPORATION
2 Q	RK	H	2		R	443204858	3	[...]	EXXONMOBIL CORPORATION
3 Q	RK	H	3		R	985643172	5	[...]	APACHE CORPORATION LONG BP N
4 Q	RK	L	1		R	884331012	2	[...]	APACHE CORPORATION
5 Q	RK	L	2		R	443204858	3	[...]	EXXONMOBIL CORPORATION
6 Q	RK	L	3		R	985643172	5	[...]	APACHE CORPORATION LONG BP N
7									
8									
9									

Query PDA Form New Update Delete Help Links Close

Screens → Allocations → PDA Submission

QPTM System Flow - Inventory





Customer Accounts

- ◆ Customer Account Maintenance screen (aka Auth to Post Imbal screen)
 - Tracks inventory activity for a customer (Business Associate)

- ◆ Activity records are generated from a number of processes
 - **Account Accumulation** - Runs immediately after allocation process to put allocated quantities into the appropriate customer account.
 - **Imbalance Trades** - Parties are allowed to trade imbalances among themselves when the Trading Window is open.
 - **Storage Transfers** - Similar to imbalance trades but with two storage accounts
 - **Cash-in/Cash-out** - Runs when the CICO window is open; will only generate activity when the primary contract's Imbalance Settlement Method (on the contract) is CICO or DCICO
 - **Adjustments** - Adjustments can be made to any account by an internal user with proper security; adjustments may also be designated as a one-time cash-out.



Inventory Adjustments

- ◆ Adjustments can be made between customer accounts and pipeline inventory quantity codes
- ◆ May also be one-sided
 - Requires special security
- ◆ Only available for internal users because...
 - External users should not be adjusting pipeline inventory quantities
- ◆ Adjustments are listed as Rule 5. Any quantity assigned to this rule will **only** be populated by adjustments.
 - However, ANY quantity code may be adjusted. The activity on these quantities will include adjustments plus activity generated from the rule to which the quantity is assigned.

Customer Account Maintenance Header

Used to maintain customer accounts and view activity for a given account/date

- ◆ User can query by
 - Account Id or Primary Contract

Auth to Post Imbal

TSP / TSP Prop:	26001	TSP Name:	MIDWEST PIPELINE	Links	Retrieve	More	All	Submit	Help	Cancel		
Acct ID:	474346	[...]	N>									
Primary Contract:	QU0001	[...]	[...]									
K Holder / K Holder Prop:	01-48	K Holder Name:	QUORUM BUSINESS SOLL	Account Type:	IMBALANCE							
Svc Req / Svc Req Prop:	01-48	Svc Req Name:	QUORUM BUSINESS SOLL									
Operational Impact Area:	SYSTEMWIDE				Svc Req Contact:							
Filter Criteria					Svc Req Phone:	() -						
Contract:	[...]	Beg. Prod. Month:	/	Beg. Acct. Month:	07/2007							
				End Prod. Month:	/	End Acct. Month:	07/2007					

Contracts Balance Activity Auth to Post Imbal

	Early CICO	Prod. Month	Acct. Month	Beg. Balance (DTH)	Gross Receipt Qty. (DTH)	Receipt Fuel Qty. (DTH)	Alloc. Rec. Net of Fuel (DTH)	Alloc. Del. (DTH)	PPA Rec. (DTH)	PPA Del. (DTH)	PPA Qty. (DTH)	Original Imbalance (DTH)	Trades (DTH)
1 Q		7/1/2007	7/1/2007	0	975,787	12,710	963,077	979,104	0	0	0	(16,027)	0
2													
3													
4													
5													
6													
7													
8													
9													

Totals:
Total 0 975,787 12,710 963,077 979,104 0 0 0 (16,027) 0

Retrieve More >>> All Update Help Links ▶ Close

Screens → Inventory Accounts → Customer Accounts → Customer Account Maintenance

Customer Account Maintenance Balance Tab

Used to view customer account activity by month

- ◆ User can query by
 - Beg/End Prod Month
 - Beg/End Acct Month

(26001) Customer Account Maintenance

Auth to Post Imbal	Links	Retrieve	More	All	Submit	Help	Cancel										
TSP / TSP Prop:	26001	TSP Name:	MIDWEST PIPELINE														
Acct ID:	474346	[...]	N>														
Primary Contract:	QU0001	[...]	[...]														
K Holder / K Holder Prop:	01-48	K Holder Name:	QUORUM BUSINESS SOLUTION	Account Type:	IMBALANCE												
Svc Req / Svc Req Prop:	01-48	Svc Req Name:	QUORUM BUSINESS SOLUTION														
Operational Impact Area:	SYSTEMWIDE			Svc Req Contact:													
Svc Req Phone:	() -																
Filter Criteria																	
Contract:	[...]	Beg. Prod. Month:	/	Beg. Acct. Month:	07/2007	[...]											
		End Prod. Month:	/	End Acct. Month:	07/2007	[...]											
Contracts Balance Activity Auth to Post Imbal																	
	Early CICO	Prod. Month	Acct. Month	Beg. Balance (DTH)	Gross Receipt Qty. (DTH)	Receipt Fuel Qty. (DTH)	Alloc. Rec. Net of Fuel (DTH)	Alloc. Del. (DTH)	PPA Rec. (DTH)	PPA Del. (DTH)	PPA Qty. (DTH)	Original Imbalance (DTH)	Trades (DTH)	Adjustments (DTH)	Payback Qty (DTH)	CICO (DTH)	Open Balance (DTH)
1 Q		7/1/2007	7/1/2007	0	975,787	12,710	963,077	979,104	0	0	0	(16,027)	0	0	0	16,027	0
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Totals:	Total			0	975,787	12,710	963,077	979,104	0	0	0	(16,027)	0	0	0	16,027	0

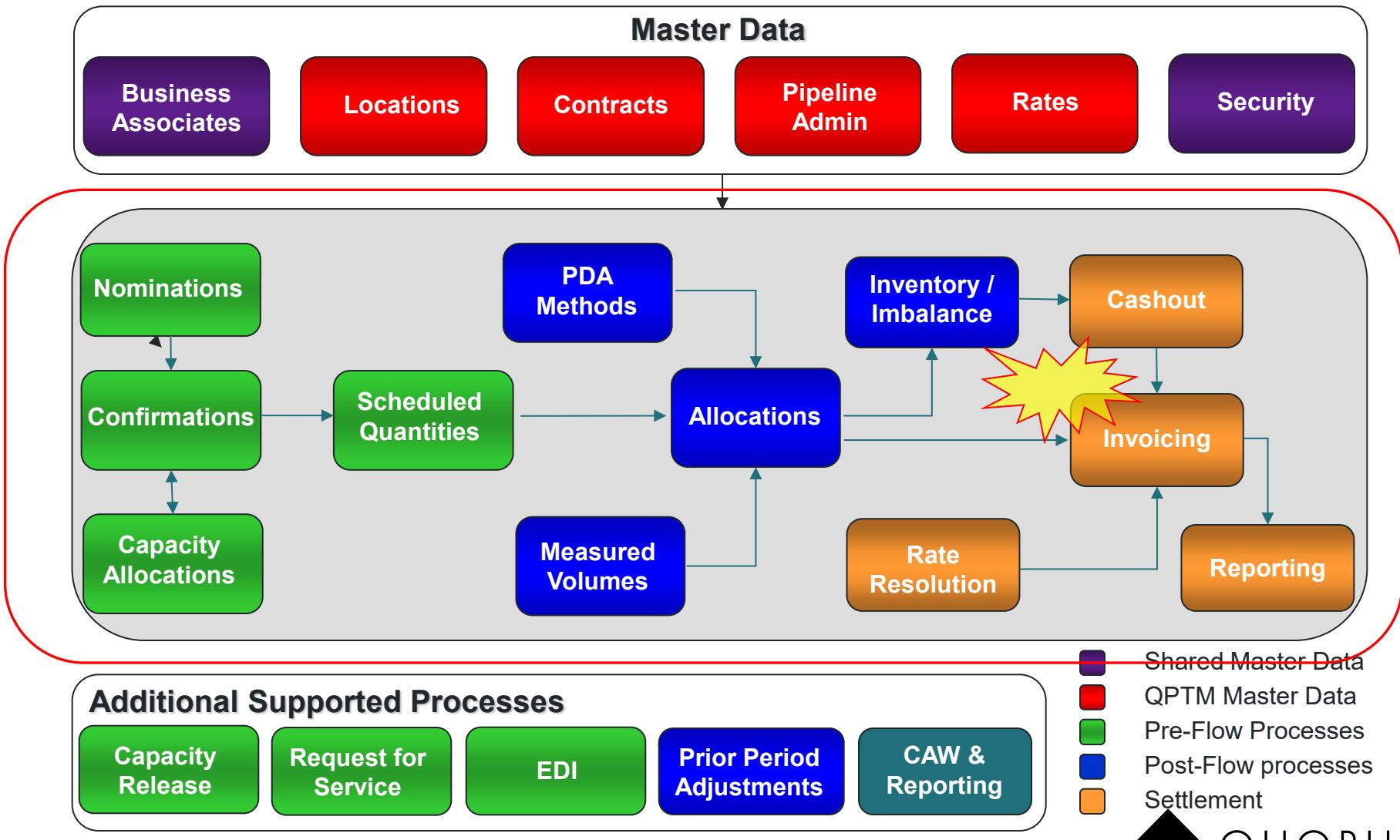
Screens → Inventory Accounts → Customer Accounts → Customer Account Maintenance



- ◆ Inventory Accumulation (Gas Accounting):
 - Classifies and tracks pipeline inventory
- ◆ Customer Account Accumulation:
 - Calculates the total allocated activity by gas day and contract

Screens → *Inventory Accounts* → *Customer Accounts* → *Customer Account Maintenance*

QPTM System Flow - Invoicing



Invoice Group Maintenance

Contracts Tab

Invoice groups represent a group of one or more contracts that will be billed together on a single invoice

- ◆ One invoice group = one printed invoice packet for the business party
- ◆ Multiple contracts can be included in one invoice packet for the customer

(26001) Invoice Group Maintenance

Invoice Group ID:	6	N-> [..]	QBS INVOICE GROUP	Inv Grp Category:	ALL INVOICES
Effective From:	01/2007	Open Ended	[..]	Billing Frequency:	BILL MONTHLY
Business Party:	01-48	[..]	QUORUM BUSINESS SOLUTIONS		
Payment Terms:	13 DAYS FROM 8TH	Acct Adj Method:	Reversal and Rebook		
<input type="checkbox"/> Allow PPA Write-offs		<input type="checkbox"/> Approval Required			
Contracts Documents Copies					
	Contract	...	TOS	PPA Mat. Amount	
1 Q	QU0001	[..]	FTS	0.00	
2 Q	QU0002	[..]	ITS	0.00	
3		[..]			
4		[..]			
5		[..]			
6		[..]			
7		[..]			
8		[..]			
9		[..]			
10		[..]			
11		[..]			
12		[..]			
13		[..]			
14		[..]			
15		[..]			
16		[..]			

Retrieve More >>> All Update Help Links Close

Screens → Billing → Invoice Group Maintenance

Invoice Group Documents Tab

Use the Documents Tab to define which documents are included in the Invoice Package

- These values are defaulted to the TSP Billing Configuration settings

(26001) Invoice Group Maintenance

Links	Retrieve	More	All	Update	Help	Cancel
Invoice Group ID:	35	N-> [..]	MIDWEST PIPELINE	Inv Grp Category:	ALL INVOICES	▼
Effective From:	06/2007	Open Ended	[..]	Billing Frequency:	BILL MONTHLY	▼
Business Party:	1	[..]	MIDWEST PIPELINE			
Payment Terms:	13 DAYS FROM 8TH	Acct Adj Method:	Reversal and Rebook			
<input type="checkbox"/> Allow PPA Write-offs	<input type="checkbox"/> Approval Required					
Contracts	Documents	Copies				
Documents	Include in Invoice Package?					
Cover Page	<input checked="" type="checkbox"/>					
Invoice Detail	<input checked="" type="checkbox"/>					
Imbalance Statement	<input checked="" type="checkbox"/>					
PAL STATEMENT	<input checked="" type="checkbox"/>					
Remittance Page	<input checked="" type="checkbox"/>					
Statement of Account	<input checked="" type="checkbox"/>					
Storage Statement	<input checked="" type="checkbox"/>					
Invoice Summary	<input checked="" type="checkbox"/>					
Trade Statement	<input checked="" type="checkbox"/>					
Transfer Statement	<input checked="" type="checkbox"/>					
ALLOCATED QUANTITY STATEMENT	<input type="checkbox"/>					
ALLOCATED RECEIPTS	<input type="checkbox"/>					
POOL DOWNSTREAM DELIVERIES	<input type="checkbox"/>					

Query More >>> All Update Help Links ▶ Close

Screens → Billing → Invoice Group Maintenance

Invoice Group Copies Tab

Use the Copies Tab to define the contact that will receive each copy

- ◆ Who gets the invoice and the delivery method for each copy
- ◆ Only one “original” copy
 - Example: Agent gets the original; shipper gets a copy

(26001) Invoice Group Maintenance

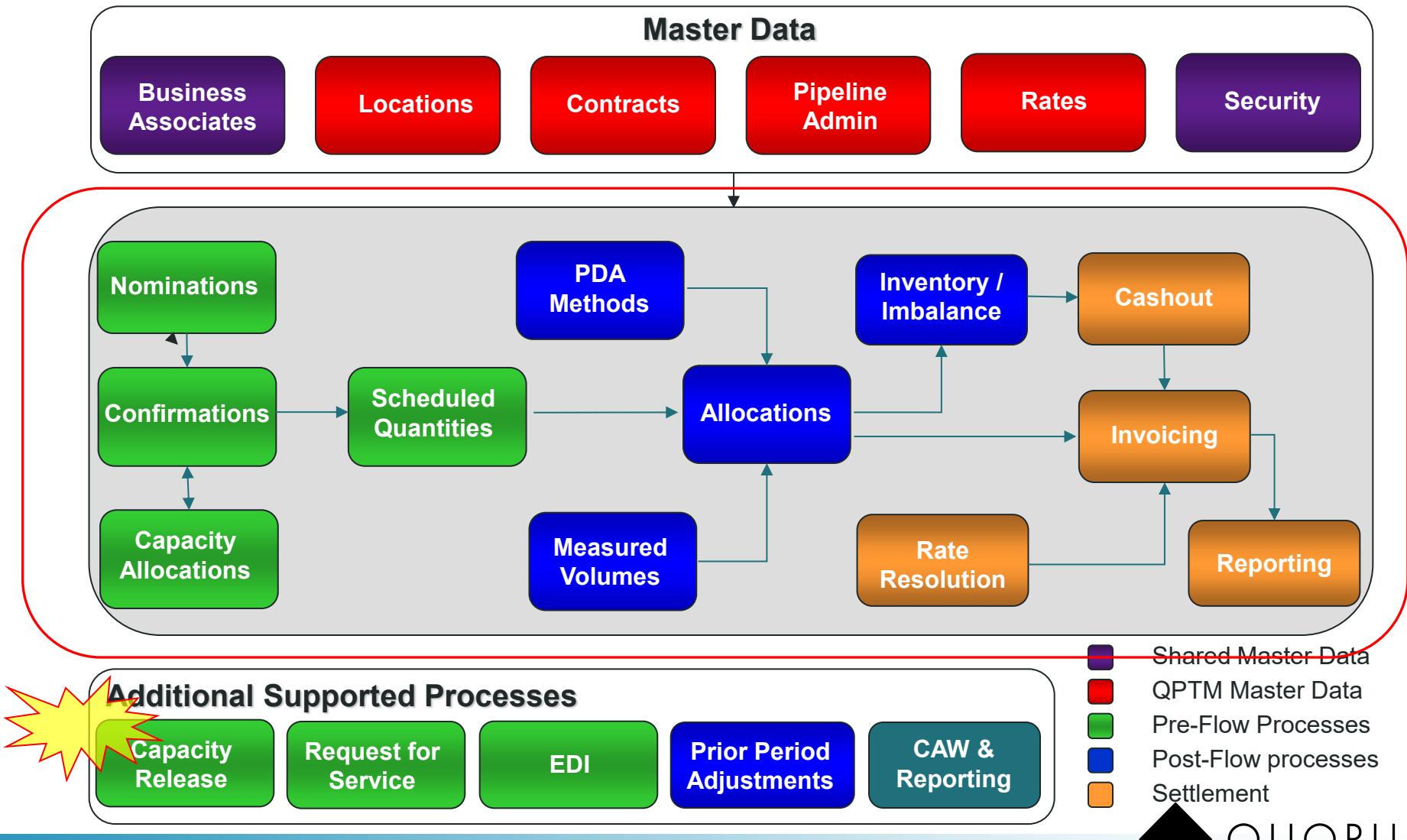
Links	Retrieve	More	All	Update	Help	Cancel					
Invoice Group ID:	35	N-> [...]	MIDWEST PIPELINE	Inv Gip Category:	ALL INVOICES	[...]					
Effective From:	06/2007	Open Ended	[...]	Billing Frequency:	BILL MONTHLY	[...]					
Business Party:	1	[...]	MIDWEST PIPELINE								
Payment Terms:	13 DAYS FROM 8TH	Acct Adj Method:	Reversal and Rebook								
<input type="checkbox"/> Allow PPA Write-offs		<input type="checkbox"/> Approval Required									
Contracts	Documents	Copies									
	Copy No.	Contact ID	...	Business Party Name	First Name	Last Name	Department	Address Line 1	Address Line 2	City	State
1 Q	1	0	[...]	MIDWEST PIPELI	JOHN	ALLEN		3010 BRIAR	SUITE 450	HOUSTON	TX
2 Q	2	2	[...]	MIDWEST PIPELI	SUSAN	SIMPSON		1420 MOCK	SUITE 700	DALLAS	TX
3		[...]									
4		[...]									
5		[...]									
6		[...]									
7		[...]									
8		[...]									
9		[...]									
10		[...]									
11		[...]									
12		[...]									
13		[...]									
14		[...]									
15		[...]									

Query More >>> All Update Help Links Close

Screens → Billing → Invoice Group Maintenance

- ◆ Get quantities to bill (charge basis)
- ◆ Get type(s) of charge for each quantity
- ◆ Find best rate for each charge
- ◆ Handle PPAs
- ◆ Group data for invoice and generate supporting documents

QPTM System Flow – Capacity Release





Capacity Release

- ◆ When a service requester has more capacity reserved (based on their reserved capacity) than they will need, they have the ability to transfer their contractual quantities to another service requester
- ◆ NOT releasing actual gas; only the capacity (space) on which to move gas
- ◆ Capacity Release process includes:
 - Offer
 - Bid
 - Award

Offer Screen Header

- Releasing Party (Shipper) and Pipeline uses this screen

- Effective Dates

- Status

- Post Date / Post Time

- Cap Awd Date / Cap Awd Time (Award Posting timeline type)

- Bid Period Start and End

Used to enter all terms of the offer to release capacity

The screenshot shows the 'Capacity Release Offer' dialog box. At the top, there are tabs for 'Offer', 'Links', 'Retrieve', 'Validate', 'Update', 'Submit', 'Withdraw', 'Help', and 'Cancel'. The 'Offer' tab is selected. Below the tabs, there are several input fields and dropdown menus. A red box highlights the top section of the form, which includes fields for 'Offer' (set to 23), 'Rel St' (set to 12/18/2011), 'Rel End' (set to 12/20/2011), 'IBR' (set to NO), 'Mkt Based Rate' (set to NO), 'Status' (set to ORIGT), 'Capacity Release' (set to APPROV), and 'Post Date/Post' (set to 11/26/2012 9:48:32). Other sections visible include 'General', 'Contact', 'Additional Terms', 'Pre-Arranged Bidder', 'Detail', 'Recall/Reput', 'Withdraw', 'Text', and 'Discount Rate'. The 'General' section contains numerous dropdowns and input fields for various parameters like 'Rel Type Desc', 'Prearr Deal Desc', 'Perm Rel Desc', etc. A large text area at the bottom right contains a note: 'PLEASE REFER TO THE CAPACITY RELEASE OR CAPACITY REALLOCATION SECTION OF THE GENERAL TERMS AND CONDITIONS IN THE PIPELINE'S TARIFF.' At the bottom of the dialog are buttons for 'Query', 'Withdraw', 'Validate', 'Submit', 'Update', 'Help', 'Links', and 'Close'.

Screens → Capacity Release → Offer

Offer Screen General Tab

Used to enter all terms of the offer

(26001) Capacity Release Offer

TSP / TSP	94655322	26001	TSP	MIDWEST PIPELINE
Offer	23	Offer Trk	Status: ORIGIT Capacity Release APPR(
Rel St	12/18/201	Rel End	12/20/201	IBR NO - T Mkt Based Rate NO Post Date/Post 11/26/2012 9:48:32 Cap Awd Date/Cap Awd
Releaser/Releaser	946553225	1 Releaser	MIDWEST PIPELINE	

General Contact Additional Terms Pre-Arranged Bidder Detail Recall/Reput Withdraw Text Discount Rate

Rel Type Desc: TEMPORARY POINT TO POINT PREARRANGED Rel Req Post Date/Rel Req Post Time: / / : : : :
Prearr Deal Desc: OFFER IS SUBJECT TO A PREARRANGED DEAL Bid Deal Desc: Not a biddable deal
Perm Rel Desc: CAPACITY IS NOT BEING PERMANENTLY RELEASED Bid Per St Date/Bid Per St Time: / / : : : :
Recall/Reput Desc: CAPACITY RECALLABLE BY RELEASING SHIPPER AN Bid Per End Date/Bid Per End Time: / / : : : :
All Re-rel Desc: RE-RELEASEABLE Bid Eval Ind Desc: NOT APPLICABLE
Prev Rel Desc: OFFER DOES NOT CONTAIN ANY CAPACITY WHICH\ Bid Eval:
Rel SR Conting Desc: RELEASING SHIPPER WILL NOT ACCEPT BIDS WHIC Bid T-brk:
RAPP Desc: No
Discl Desc: YES || RELEASING SHIPPER WANTS TRANSPORTATI Bid T-brk Method:
Rel SR Less Qty Desc: RELEASING SHIPPER WILL NOT ACCEPT BIDS FOR L NA || NOT APPLICABLE
Shorter Term Desc: RELEASING SHIPPER WILL NOT ACCEPT LESS THAN PLEASE REFER TO THE CAPACITY RELEASE OR
Min Term: Days CAPACITY REALLOCATION SECTION OF THE
Min Rate Discl Desc: THE TRANSPORTATION SERVICE PROVIDER SHOULD GENERAL TERMS AND CONDITIONS IN THE
Extend Term: Pipeline's Tariff:
Repl SR Role Ind: ASSET MANAGEMENT AGREEMENT
SICR Ind: N || NO Press Base/Press Base Desc: 14.73 PSI POUNDS PER SQI
Auction Type: CAPACITY RELEASE

Query Withdraw Validate Submit Update Help Links Close

Screens → Capacity Release → Offer

Offer Screen Additional Terms Tab

Used to specify additional terms for the offer

(26001) Capacity Release Offer

Offer | Links | Retrieve | Validate | Update | Submit | Withdraw | Help | Cancel

TSP / TSP: 94655322 26001 TSP: MIDWEST PIPELINE

Offer: 23 Offer Trk: Status: ORIGIN Capacity Release APPRC

Rel St: 12/18/201 Rel End: 12/20/201 IBR: NO - T Mkt Based Rate: NO Post Date/Post: 11/26/2012 9:48:32

Releaser/Releaser: 946553225 1 Releaser: MIDWEST PIPELINE Cap Awd Date/Cap Awd: / /

General | Contact | Additional Terms | Pre-Arranged Bidder | Detail | Recall/Reput | Withdraw | Text | Discount Rate |

Stand-alone Offer Desc: NOT A STAND-ALONE OFFER; PARTIES SHOULD READ THE OFFER

No Stand-alone Offer T&C:

Terms/Notes:

Terms/Notes - AMA:
ASDF

Terms/Notes - Storage:

Indemn:

RAPP Terms:

Query | Withdraw | Validate | Submit | Update | Help | Links | Close

Screens → Capacity Release → Offer

Offer Screen Pre-Arranged Bidder Tab

Specifies the pre-arranged bidder

(26001) Capacity Release Offer

Offer | Links | Retrieve | Validate | Update | Submit | Withdraw | Help | Cancel

TSP / TSP 94655322 26001 TSP MIDWEST PIPELINE

Offer 23 [] Offer Trk [] Status: ORIGIT Capacity Release APPRC

Rel St 12/18/201 Rel End 12/20/201 IBR NO-T Mkt Based Rate NO Post Date/Post 11/26/2012 9:48:32

Releaser/Releaser 946553225 1 Releaser MIDWEST PIPELINE Cap Awd Date/Cap Awd []

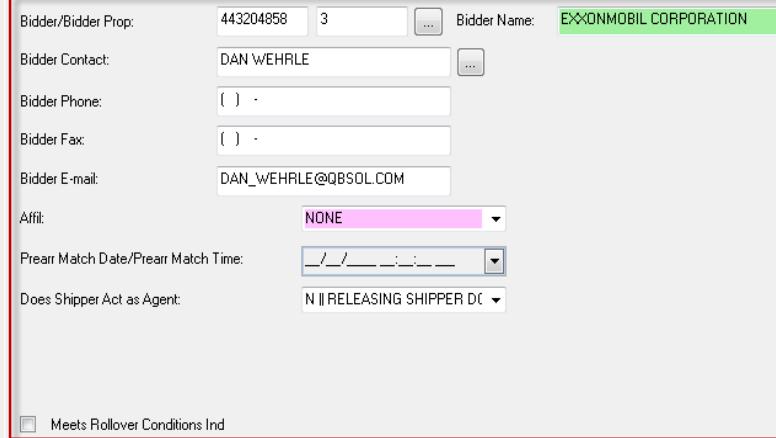
General | Contact | Additional Terms | **Pre-Arranged Bidder** | Detail | Recall/Reput | Withdraw | Text | Discount Rate |

Bidder/Bidder Prop:	443204858	3	[]	Bidder Name:	EXXONMOBIL CORPORATION
Bidder Contact:	DAN WEHRLE				[]
Bidder Phone:	() -				
Bidder Fax:	() -				
Bidder E-mail:	DAN_WEHRLE@QBSOL.COM				
Affil:	NONE				[]
Prearr Match Date/Prearr Match Time:	[]				[]
Does Shipper Act as Agent:	N RELEASING SHIPPER DC				[]

Meets Rollover Conditions Ind

By accepting the bid, the replacement customer is now bound by the terms and conditions of the TSP's pro-forma.

Query | Withdraw | Validate | Submit | Update | Help | Links | Close



Screens → Capacity Release → Offer

Offer Screen Detail Tab

Used to enter all contracts and points being released

(26001) Capacity Release Offer

Offer Detail ID	Rel K	...	Rate Sch	Loc/QTI Desc	Loc (Rec)	Loc Prop (Rec)	Loc Name (Rec)	Loc Purp (Rec)	Loc Purp Desc (Rec)	Loc (Del)	Loc P (De)
1 Q	62	1000038	FIRM TRANSPORT	RECEIPT POINT(S) TO DE	123456000	820	SUMMIT	M2	RECEIPT		843
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Get Capacity Available

Query Withdraw Validate Submit Update Help Links Close

Screens → Capacity Release → Offer

Offer Screen Recall / Reput Tab

Used to specify the terms under which capacity can be recalled or reput

(26001) Capacity Release Offer

TSP / TSP	94655322	26001	TSP	MIDWEST PIPELINE
Offer	23	[...]	Offer Trk	
Rel St	12/18/2011	Rel End	12/20/2011	IBR NO-T Mkt Based Rate NO
Releaser/Releaser	946553225	1	Releaser	MIDWEST PIPELINE
Post Date/Post 11/26/2012 9:48:32 Cap Awd Date/Cap Awd / / - - -				
General Contact Additional Terms Pre-Arranged Bidder Detail Recall/Reput Withdraw Text Discount Rate				
Bus Day Ind: NO RECALL NOTIFICATION IS NOT LIMITE		Recall/Reput Terms:		
Recall Notification Periods				
Recall Notif Timely:	YES			
Recall Notif EE:	YES			
Recall Notif Eve:	YES			
Recall Notif ID1:	YES			
Recall Notif ID2:	YES			

Query Withdraw Validate Submit Update Help Links Close

Screens → Capacity Release → Offer

Used to enter all terms of the bid

- ◆ Offer Number
- ◆ Bidder Rel Term Dates
- ◆ Post Date / Post Time
- ◆ Bid Status

P (26001) Capacity Release Bid

Bid		Links	Retrieve	Validate	Update	Submit	Withdraw	Help	Cancel
TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE					
Bid No:	18	[...]	N->	Bid Trk ID:			Post Date/Post Time:	12/5/2012 9:20:04 AM	
Offer No:	34	[...]		Offer Trk ID:			Status:	ORIGINAL	
Bidder Rel Term St:	1/1/2013	[...]		Bidder Rel Term End:	1/31/2013				
<input type="button" value="General"/> <input type="button" value="Detail"/> <input type="button" value="Contingency"/> <input type="button" value="Text"/> <input type="button" value="Discount Rate"/> <input type="button" value="Withdraw"/>									
Releaser/Releaser	946553225	1	Releaser	MIDWEST PIPELINE		Bidder Less Qty Desc	BIDDER WILL NOT ACCEPT AN AWAI		
Bidder/Bidder Prop:	884331012	2	Bidder	APACHE CORPORATION		Rtn Addr/Rtn Addr	884331012	2	Rtn Addr
Bidder Contact:	DAN WEHRLE		Rtn Addr Contact:	DAN WEHRLE		Affil:	BOTH		
Bidder Phone:	() -		Rtn Addr Phone:	() -		Bid Rec Date/Bid Rec	12/5/2012 9:18		
Bidder Fax:	() -		Rtn Addr Fax:	() -		Pearl Bid:	1 BIDDER IS TH		
Bidder E-mail:	DAN_WEHRLE@QBS		Rtn Addr E-mail:	DAN_WEHRLE@QBS		SICR Ind:	N NO		
Stand-aln Bid Desc:	STAND-ALONE BID		Assoc K:			Repl SR Role Ind:	OTHER		
No Stand-aln Bid T&C: <input type="text"/> Terms/Notes: <input type="text"/> Terms/Notes - AMA: <input type="text"/> Terms/Notes - Storage: <input type="text"/>									
<input type="button" value="Query"/> <input type="button" value="Withdraw"/> <input type="button" value="Validate"/> <input type="button" value="Update"/>		<input type="button" value="Submit"/>		<input type="button" value="Help"/> <input type="button" value="Links"/> <input type="button" value="Close"/>					

Screens → Capacity Release → Bid

Bid General Tab

Used to enter all terms of the bid

(26001) Capacity Release Bid

TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE		
Bid No:	18	[...]	N->	Bid Trk ID:	Post Date/Post Time:	12/5/2012 9:20:04 AM
Offer No:	34	[...]		Offer Trk ID:	Status:	ORIGINAL
Bidder Rel Term St:	1/1/2013			Bidder Rel Term End:	1/31/2013	

General | **Detail** | **Contingency** | **Text** | **Discount Rate** | **Withdraw**

Releaser/Releaser	946553225	1	Releaser	MIDWEST PIPELINE	Bidder Less Qty Desc	BIDDER WILL NOT ACCEPT AN AWAI			
Bidder/Bidder Prop:	884331012	2	Bidder	APACHE CORPORATION	Rtn Addr/Rtn Addr	884331012	2	Rtn Addr	APACHE CORPORATION
Bidder Contact:	DAN WEHRLE	[...]			Rtn Addr Contact:	DAN WEHRLE	[...]	Affil:	BOTH
Bidder Phone:	() -				Rtn Addr Phone:	() -		Bid Rec Date/Bid Rec	12/5/2012 9:18
Bidder Fax:	() -				Rtn Addr Fax:	() -		Pearr Bid:	1 BIDDER IS TH
Bidder E-mail:	DAN_WEHRLE@QBS				Rtn Addr E-mail:	DAN_WEHRLE@QBS		SICR Ind:	N NO
Stand-aln Bid Desc:	STAND-ALONE BID.				Assoc K:			Proj SP Role Ind:	OTHER
No Stand-aln Bid T&C:		Terms/Notes:		Terms/Notes - AMA:		Terms/Notes - Storage:			
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>			
<input type="button" value="Query"/>		<input type="button" value="Withdraw"/>		<input type="button" value="Validate"/>		<input type="button" value="Submit"/>			
<input type="button" value="Update"/>		<input type="button" value="Help"/>		<input type="button" value="Links"/>		<input type="button" value="Close"/>			

Pearranged Bid Indicator

Screens → Capacity Release → Bid

Bid Detail Tab

Used to enter all contracts and points being bid on

(26001) Capacity Release Bid

TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE			
Bid No:	18	[...]	N>	Bid Trk ID:		Post Date/Post Time:	12/5/2012 9:20:04 AM
Offer No:	34	[...]		Offer Trk ID:		Status:	ORIGINAL
Bidder Rel Term St:	1/1/2013	[...]		Bidder Rel Term End:	1/31/2013	[...]	

General Detail Contingency Text Discount Rate Withdraw

Bid Detail ID	Offer Detail ID	...	Loc (Rec)	Loc Prop (Rec)	Loc Name	Loc Purp (Rec)	Loc Purp	Loc (Del)	Loc Prop (Del)	Loc Name	Loc Purp (Del)	Loc Purp Desc (Del)	Rel K	Capacity Release	Loc/QTI Desc	Rate ID
1 Q	18	74	832	BURR RID	M2	RECEIPT		843	LYONS	MQ	DELIVERY	1000090	AP	RECEIPT POI RESERV		
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																

Query Withdraw Validate Submit Update Help Links Close

Screens → Capacity Release → Bid

Bid Contingency Tab

Indicates if a bid is contingent or not

(26001) Capacity Release Bid

Bid		Links	Retrieve	Validate	Update	Submit	Withdraw	Help	Cancel
TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE					
Bid No:	<NEW>	[...]	N>	Bid Trk ID:			Post Date/Post Time:	/ / - : - : -	
Offer No:	9	[...]		Offer Trk ID:			Status:	ORIGINAL	
Bidder Rel Term St:	6/1/2008	[...]		Bidder Rel Term End:	6/30/2008				

General | Detail | **Contingency** | Text | Discount Rate |

Bidder Conting Desc: THE BID IS NOT CONTINGENT

A bidder who specifies a contingency is responsible for withdrawing any bid where the contingency has not been eliminated. This must be done prior to the earlier of (i) the contingency end period or (ii) the close of the open season for the offer. Otherwise, the bid will be considered valid.

Bidder Conting Terms:

Query Withdraw Validate Submit Add Help Links Close

Screens → Capacity Release → Bid

Used to select the winning bid(s) of the offer

- ◆ Retrieve by:
 - Offer No
 - Award No

- ◆ Displays other offer terms

(26001) Capacity Release Award

Award		Links		Retrieve	Submit	Help	Cancel
TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE			
Offer No:	33	[...]	Offer Trk ID:	Capacity Release Status: AWARDED			
Awd No:	13	[...]	Status:	CONFIRMATION			
Rel St Date:	1/1/2013	Rel End Date:	1/31/2013				
Releaser/Releaser Prop:	946553225	1	Releaser Name:	MIDWEST PIPELINE			
Rel Contact:				Bid Eval Ind:	NOT APPLICABLE		
<input checked="" type="button"/> Header <input type="button"/> Awards							
All Rel-Rel Desc:	RE-RELEASEABLE			Recall / Reput Terms:			
Pearl Deal Desc:	OFFER IS SUBJECT TO A PREARRANGED DE			Terms/ Notes:			
Perm Rel Desc:	CAPACITY IS NOT BEING PERMANENTLY RE			RAPP Terms:			
Prev Rel Desc:	OFFER DOES NOT CONTAIN ANY CAPACITY			Terms/Notes - AMA			
Recall/Reput Desc:	CAPACITY NOT RECALLABLE.			Terms/Notes - Storage			
RAPP Desc:	No						
IBR Ind:	NO - THE RELEASE DOES NOT UTILIZE INDE						
Mkt Based Rate Ind:	NO						
Repl SR Role Ind:	OTHER						
SICR Ind:	N NO						

Query Update Help Links Close

Screens → Capacity Release → Award

Award Awards Tab

- ◆ Displays all bids for a given offer by rank order as determined by the Bid Evaluation process in the top grid

Used to select the winning bid(s) of the offer

(26001) Capacity Release Award

TSP / TSP Prop:	946553225	26001	TSP Name:	MIDWEST PIPELINE	Links	Retrieve	Submit	Help	Cancel
Offer No:	33	[...]	Offer Trk ID:			Capacity Release Status:	AWARDED		
Awd No:	13	[...]				Status:	CONFIRMATION		
Rel St Date:	1/1/2013		Rel End Date:	1/31/2013					
Releaser/Releaser Prop:	946553225	1	Releaser Name:	MIDWEST PIPELINE					
Rel Contact:			Bid Eval Ind:	NOT APPLICABLE					

Awards

Evaluated Bids

	Bid Trk ID	Bid Dtl ID	Rel K	Loc (Rec)	Loc Prop (Rec)	Loc Name (Rec)	Loc Purp (Rec)	Loc Purp Desc (Rec)	Loc (Del)

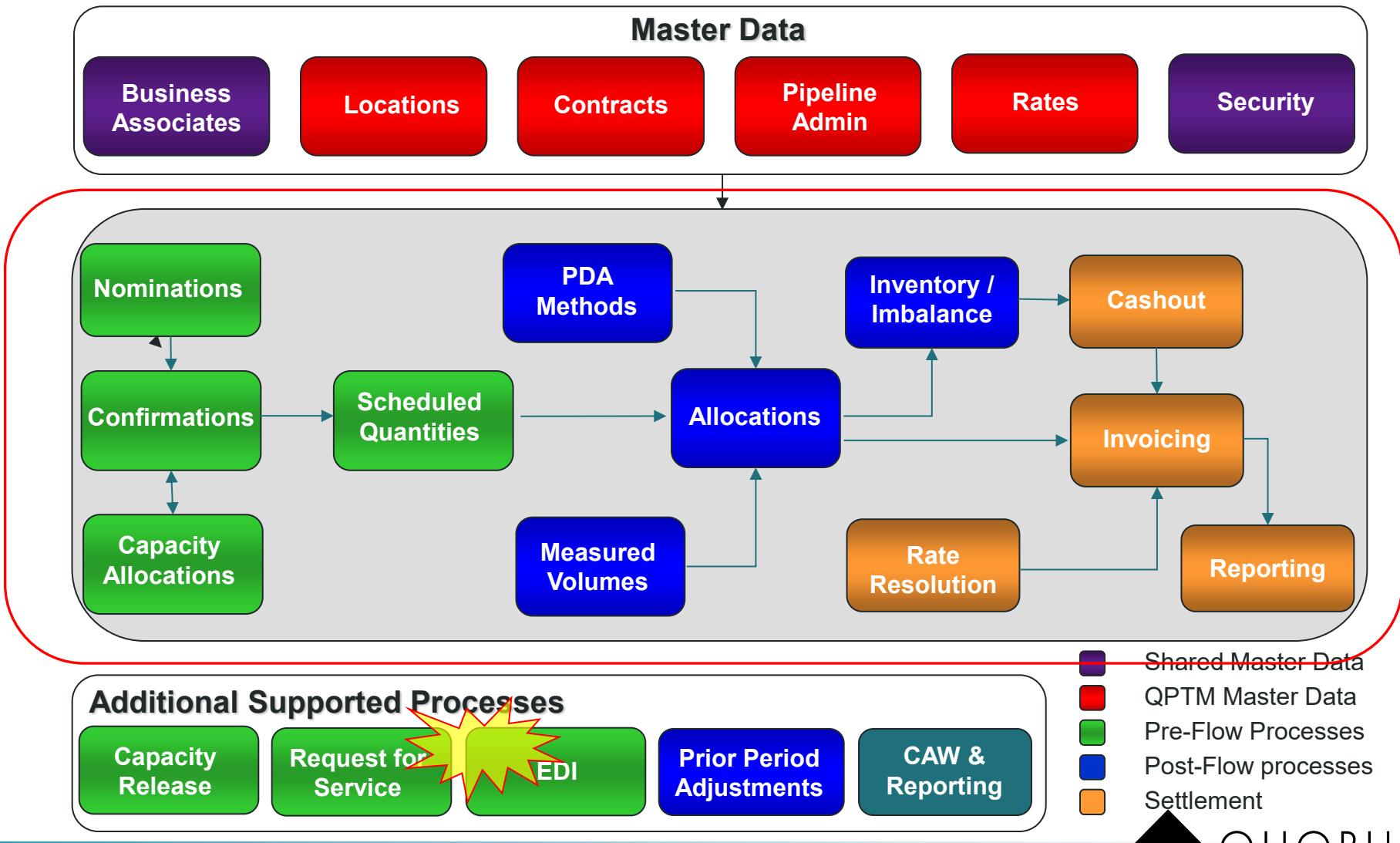
Awards

	Bid Trk ID	Bid Dtl ID	Rel K	Loc (Rec)	Loc Prop (Rec)	Loc Name (Rec)	Loc Purp (Rec)	Loc Purp Desc (Rec)	Loc (Del)	Loc Prop (Del)
1 Q		17	1000089	832	BURR RIDGE	M2	RECEIPT		843	

Query Update Help Links Close

Screens → Capacity Release → Award

QPTM System Flow – EDI



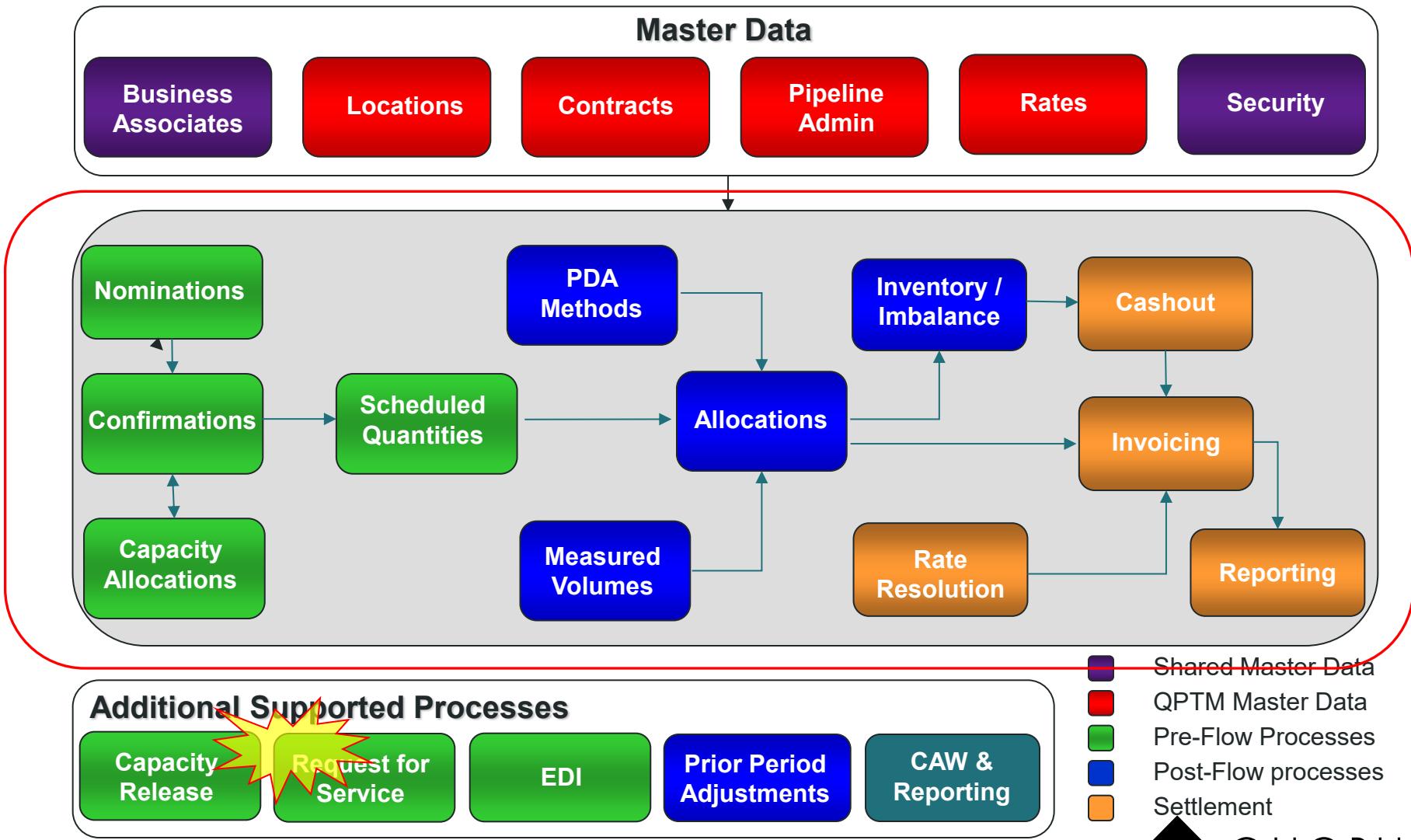


Electronic Data Interchange (EDI)

- ◆ Standardized way of sending files back and forth between applications
 - Including non-Quorum applications (Why standardization is so important)
 - NAESB
- ◆ Structured data
- ◆ No human intervention
 - EDIServ

```
N1*MQ**ZY*841
POC*41700*OA*****TP*09R
SI*AP*SB*A*DF*R*AT*LQC
DTM*211*****RD8*20130730-20130730
N1*RL**29*898568556
SLN*41700**I*500*BZ*0***CR*99999
SI*AP*TT*01
PO3*21*****500*BZ
N1*US**1*443204858
N1*78**1*884331012
N1*M2**29*898568556
POC*41734*OA*****TP*13X
SI*AP*SB*A*DF*D*AT*LQC
DTM*211*****RD8*20130730-20130730
N1*RL**ZY*841
SLN*41734**I*495*BZ*0***CR*AP0003
SI*AP*TT*01
PO3*21*****495*BZ
```

QPTM System Flow – Request for Service





Request for Service

- ◆ Method for creating new contracts or amending existing contracts
- ◆ Why not just use the Contract Maintenance?
 - RFS allows an area for requests to go through validation and approval prior to being added to the real tables
 - Keeps invalid or unapproved requests out of the real tables
 - RFS screen is externally available; Contract Maintenance is not
 - Saves internal user time and documentation hassle

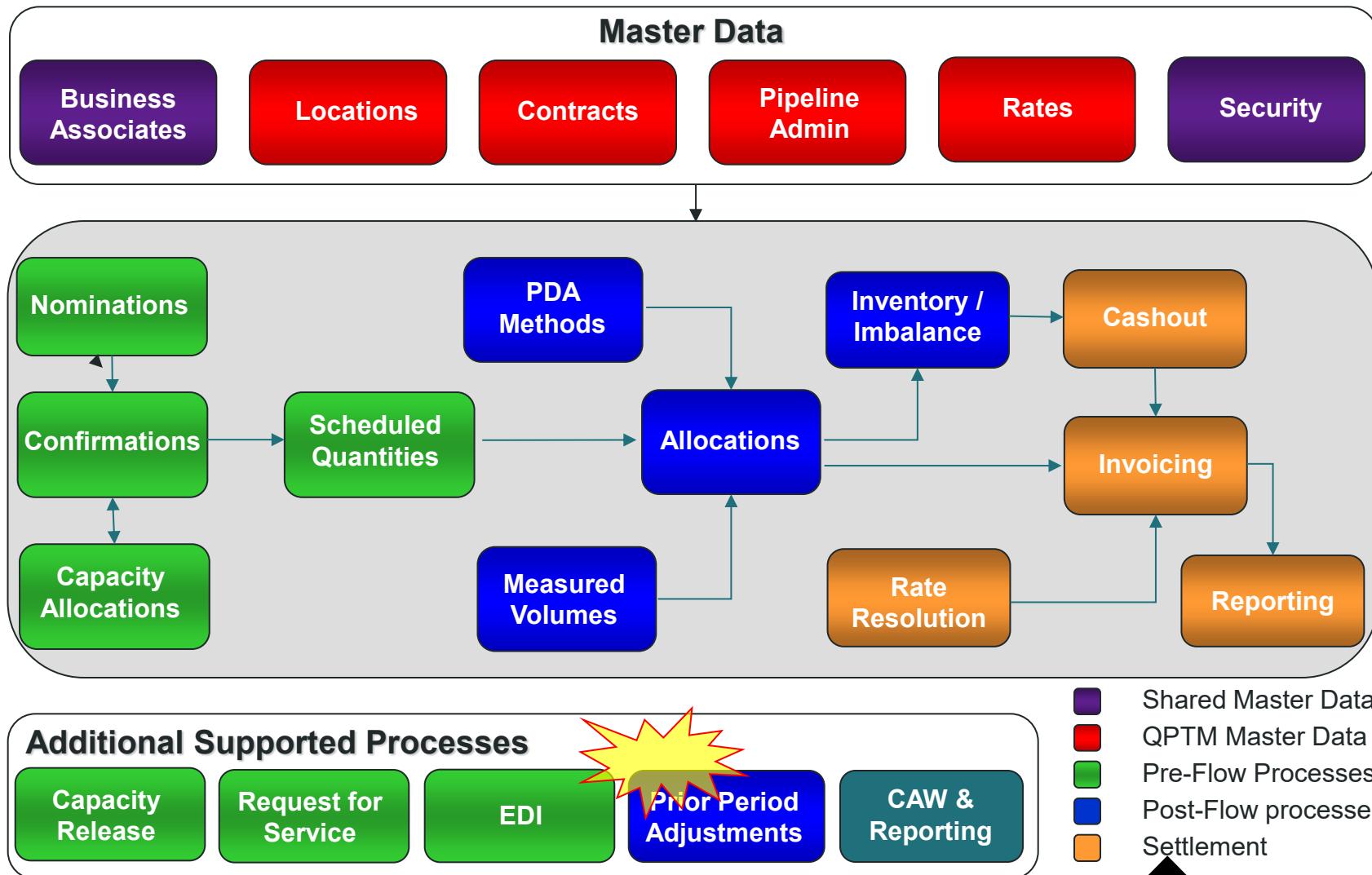


Request for Service

◆ Features

- Workflow – Different work process can be created based on request type; internal vs. external
- Approvals – allows key departments (credit, engineering, marketing) to review and approve request
- Email notifications – related to workflow and awarding requests
- Rates – able to create and edit commodity, demand, and fuel rates
- Validations – configurable validations based on request type

QPTM System Flow – PPAs

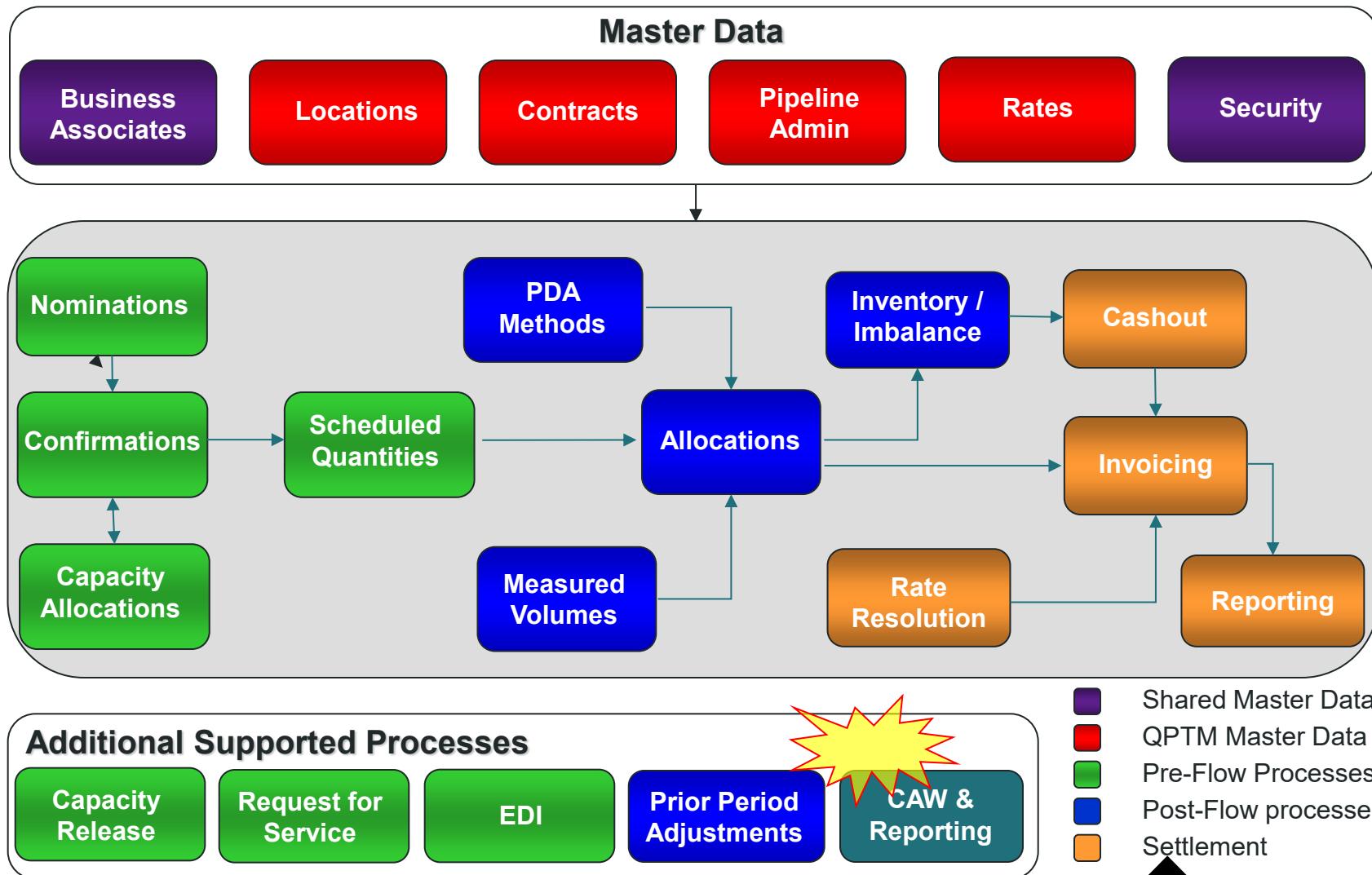




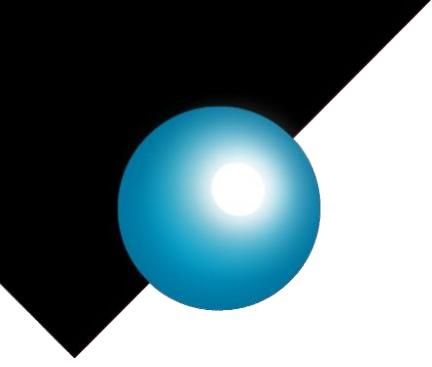
- ◆ **Terms**
 - **Production Month** – calendar month activity occurred
 - **Accounting Month** – billing month activity is invoiced
 - **Accounting Month Lag Time** – difference between production month and original accounting month
 - Example: Lag Time = 0 means that January Production is billed in January Accounting; Lag Time = 1 means that January Production is billed in February Accounting
 - **Current Accounting Month** – Minimum open accounting month
 - **Current Production Month** – Production month associated with current accounting month and lag time
- ◆ PPA is any invoice record for a production month that is not the current production month

- ◆ **Restatement** – Invoice line item for a production month that is not the current month
- ◆ **Reversal** – Invoice line item from a previous accounting month
- ◆ **Reallocation** – change in a production month that is not the current month that affects the allocation of the prior month. Reallocations ultimately trigger billing PPAs.

QPTM System Flow – CAW



- ◆ QPTM Classic review checkpoint



QPTM Web



- ◆ Login is done by the user and not by TSP.
 - Single login done by user and each screen/dashboard change your TSP
- ◆ Every screen user can access by TSP

The image displays three screenshots of the Quorum system's user interface:

- Left Screenshot:** A login screen titled "QUORUM". It features fields for "Username" and "Password", a blue "LOGIN" button, and links for "FORGOT PASSWORD" and "DEV10_MSSQL".
- Middle Screenshot:** A dashboard titled "Midwest Pipeline - Offers". It shows a search bar with "TSP Prop 26001" and "TSP Name Midwest Pipeline" highlighted with a red box. Below the search bar are buttons for "Create a New Offer", "Copy an Existing Offer", and "Query an Existing Offer". Further down are fields for "Releaser", "Releaser Prop", "Releaser Name", "Rel St Date", "To", "Rel End Date", "Cycle", "Rel Type Desc", and "Offer Trk ID".
- Bottom Screenshot:** A dashboard titled "QPTM Dashboard". It includes sections for "Nominations" (Cuts 0), "Scheduler Inventory" (Imbalances Out of Tolerance 7), and "Nomination Cycle" (Nomination Deadlines for 10/01/2015 and 10/02/2015).

Common Terms

Level 1 or Dashboard

High-level notifications & alerts

Launch reports or screens directly

Workspaces allow user to put on different “hats”

Level 2 or Detail Hub

Dashboard built for a specific function

Provide detail view of notifications & alerts

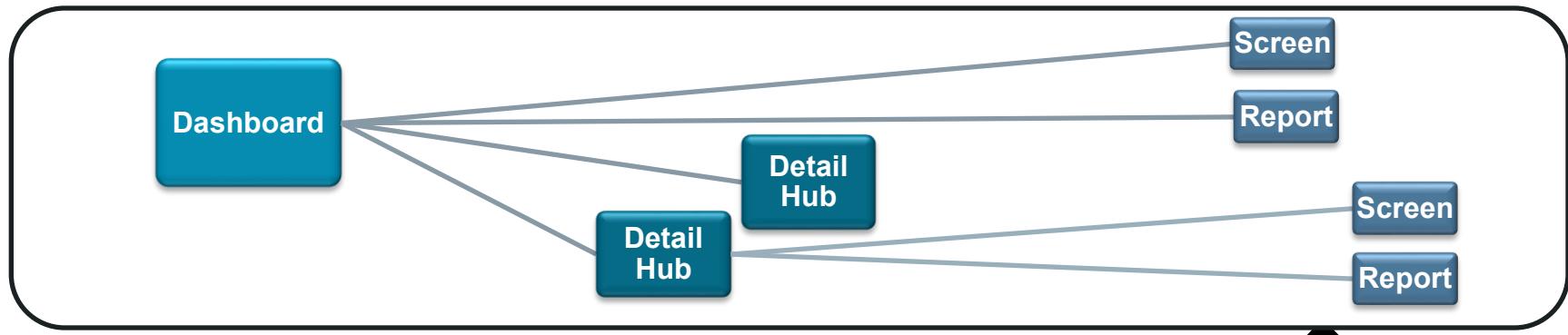
Allow common actions to be taken

Level 3 or “Spoke”

End-user screen or report

Existing application functionality

Styled and updated for the web



L1, L2 and L3 Screens

Level 1 (L1) –

- Widgets on the dashboard
- Presents alerts

Level 2 (L2) –

- More detailed screens
- Read-only display info

Level 3 (L3) –

- End user screens
- Action screens

The screenshot shows the QPTM Dashboard for the MIDWEST PIPELINE. The top navigation bar includes 'ELIZABETH_BUCK', 'Scheduler', '0 Alerts', and search/filter icons. The dashboard features several widgets:

- Nominations:** Cuts (0), Errors (0).
- Title Transfers:** Quantity Mismatch (0).
- Awaiting Approval:** 0.
- Shipper Corr Noms:** 0.
- Scheduler Inventory:** Imbalances Out of Tolerance (0).
- Transportation Imbalances:** Cumulative (0), Previous Day (0).
- Storage Balances:** Total Balance (0).
- Nomination Cycle:** TIM, EVE, ID1, ID2 for dates 01/26/2016 to 01/27/2016.
- Nomination Deadlines:** 01/26/2016 ID1: 10:15AM CST, 01/26/2016 ID2: 05:15PM CST, 01/27/2016 TIM: 11:45AM CST, 01/27/2016 EVE: 06:15PM CST.

The screenshot shows the 'MIDWEST PIPELINE - Request for Service (RFS)' screen. The top navigation bar includes 'ELIZABETH_BUCK', 'Scheduler', '0 Alerts', and search/filter icons. The main area contains the following fields:

- TSP: 946553225
- TSP Prop: 26001
- TSP Name: MIDWEST PIPELINE
- Date: 1/27/2016 7:57:06 AM

Below these fields is a list of options:

- Create New Request for Service
- Amend Existing Contract
- Query Existing Request for Service

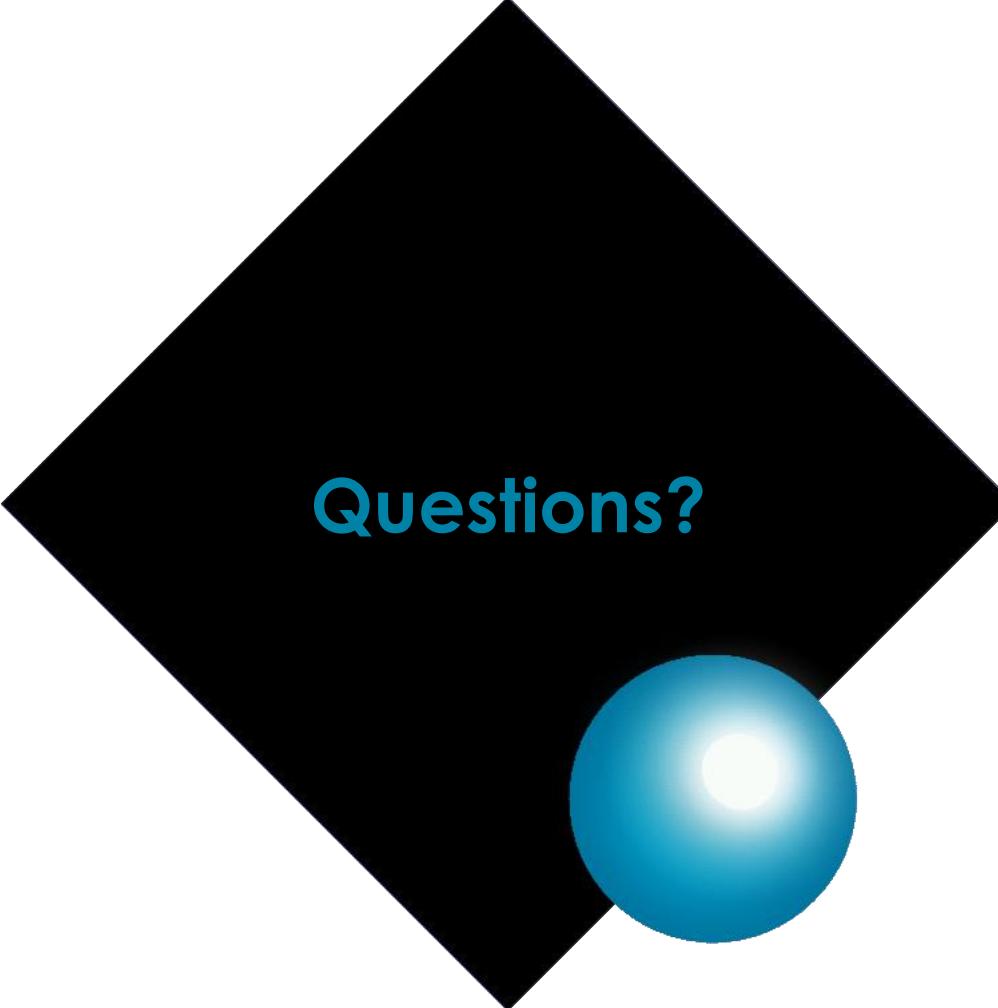
Further down, there are sections for 'RFS Description' and 'Request Type'. Under 'Request Type', there are date pickers for 'From Date' and 'To' date, and a field for 'Contract No' with value 'AP0001'. A 'Start Cycle' section is also present.

L1 - Widgets

- ◆ Provides immediate information for action on the Dashboard
 - Includes functional area specific notifications and system notifications.
 - Referred to as a L1 screen and clicking widget takes user to L2 screen
 - Different personas show different widgets.
 - Examples of widgets are shown below. Most widgets show counts of specific types of data; some ‘timing’ widgets are used to display open cycles.

The screenshot displays the QPTM Dashboard with three main sections, each containing several widgets:

- Left Section (Nominations):**
 - Cuts: △ 0
 - Errors: △ 0
 - Title Transfers: Quantity Mismatch: △ 0
 - Awaiting Approval: ○ 0
 - Shipper Corr Noms: ○ 0
 - + NEW / MODIFY NOMINATION
- Middle Section (Scheduler Inventory):**
 - Imbalances Out of Tolerance: △ 8
 - Cumulative: (28,052) m³
 - Previous Day: □ 0 m³
 - Transportation Imbalances
 - Storage Balances: Total Balance: □ 0 m³
 - Previous Day Inj: □ 0 m³
 - Previous Day W/D: □ 0 m³
 - ◀ CUSTOMER ACCOUNT MAINTENANCE
- Right Section (Nomination Cycle):**
 - TIM: 08/12/2015, EVE: 08/13/2015, ID1: 10:15AM CDT, ID2: 04:00PM CDT
 - ID1: 08/12/2015, ID2: 08/13/2015, TIM: 11:45AM CDT, EVE: 05:00PM CDT
 - Nomination Deadlines
 - Scheduling Cycle
 - Planned Service Outage: Maintenance Notice: 08/13/2015 - 12/31/9000
 - View All Planned Service Outage Notices



Questions?

QUORUM
BUSINESS SOLUTIONS, INC.

HOUSTON ◆ DALLAS ◆ CALGARY