

Meridian IT: M4PL

M4PL Job Screen Mini-Spec

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Objectives

- Provide Manual Interface To Individual Jobs
- Associate Jobs to PPP As Appropriate
- Obey Rule Sets Administered By PPP
- Infuse Changes Made By
 - EDI
 - XCBL Schedule Changes
- Manage Cargo and Gateways
- Track Jobs From Cradle to Grave
- Calculate Price and Cost
- Post Delivered Work To Accounting for Billing
- Maintain History Data For Future Use

Issues With Development

- Proposed Form is very long
- Requires Collapse Margins
- Focus On
 - From
 - To
 - Gateways
 - Cargo
- Must Segregate Cost from Pricing
 - Cost – What Meridian Vendors Charge Meridian
 - Price – What Meridian Charges Its Clients
 - Special Coding Considerations
- All Jobs Oriented on One Program ID
- PPP=Program, Project or Phase

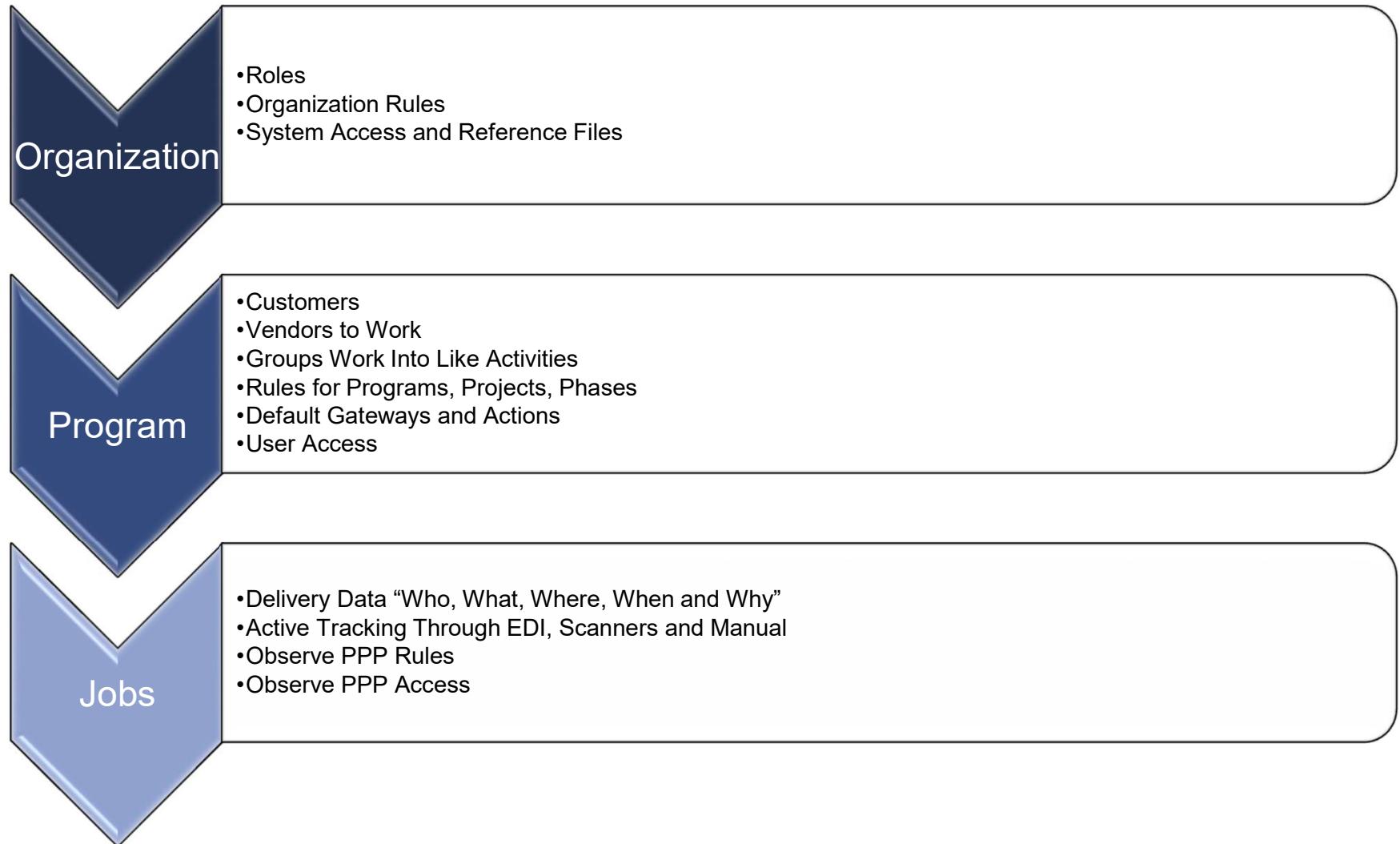
Issues with Development

- Header: The page header of a screen
- Column Header: Field Names as those that appear in Grids of Browse Screens; Grid and Browse Screens Are the Same
- Collapsible Ribbon: A object that hides or displays a region of the entire screen
- Tabs: Tabs as used in M4PL Screens and cause a parent to child relationship to browsed records like Job to Gateways or Job to Cargo

References

- Original Mini-Specification
- Edge Database Screens

Overall Data Schematic





Define the Job Master Form

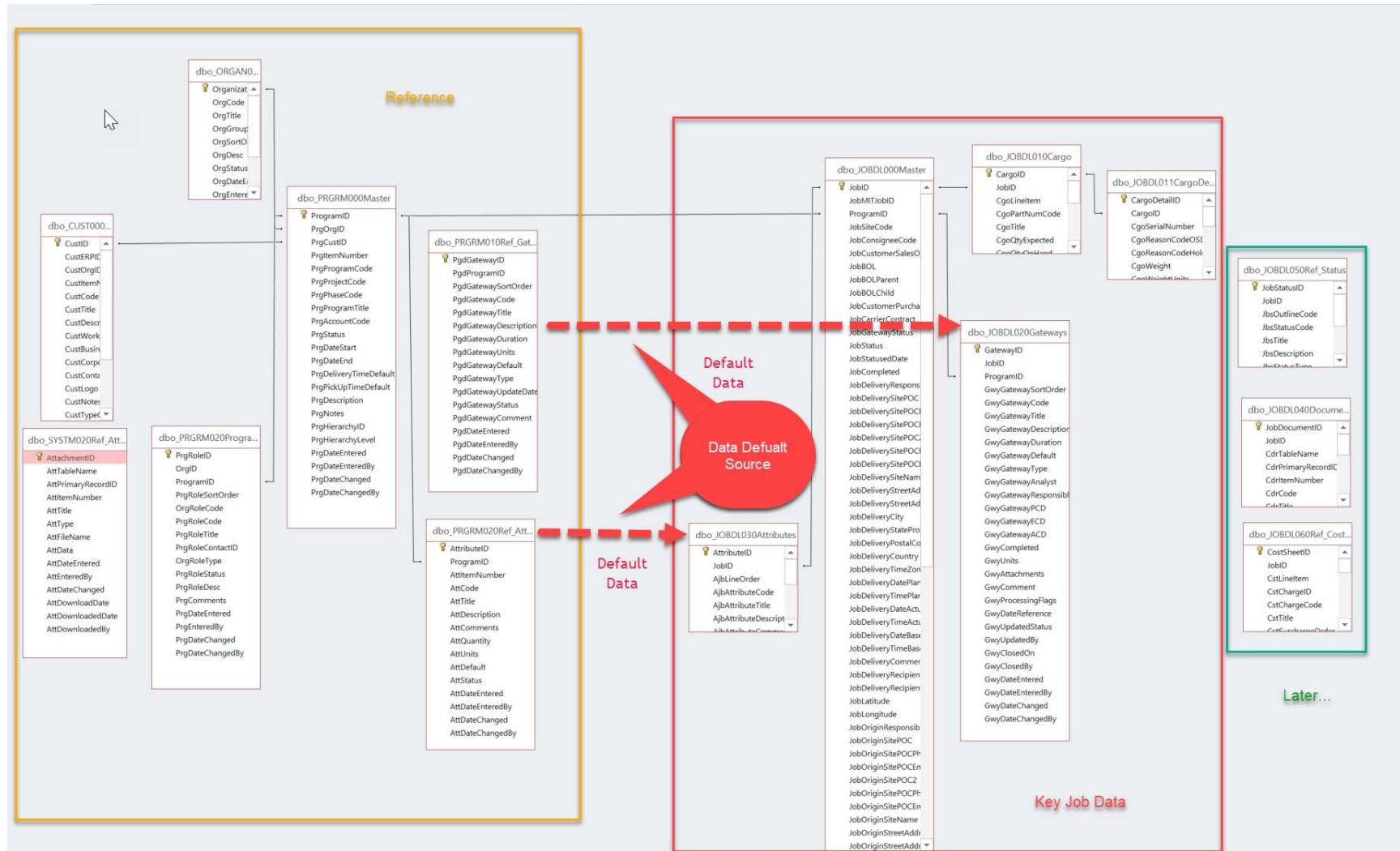
Review Gateways and Cargo Tabs

Display The Overall Fields for Each Display

Next Steps in the Other Tabs

JOB MASTER GATEWAY AND CARGO

Database Schematic for Jobs

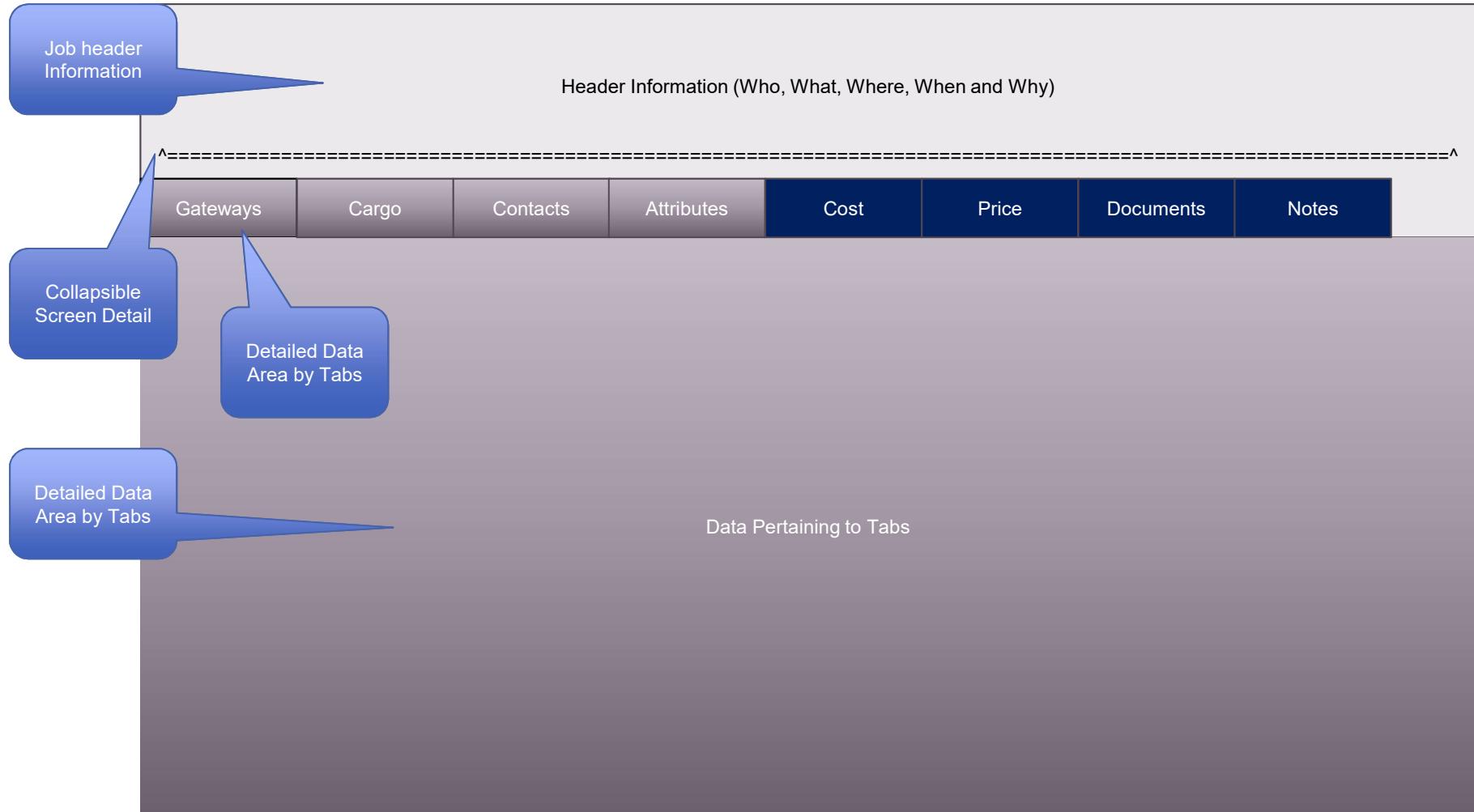


MeridianTM
Worldwide Transportation Group

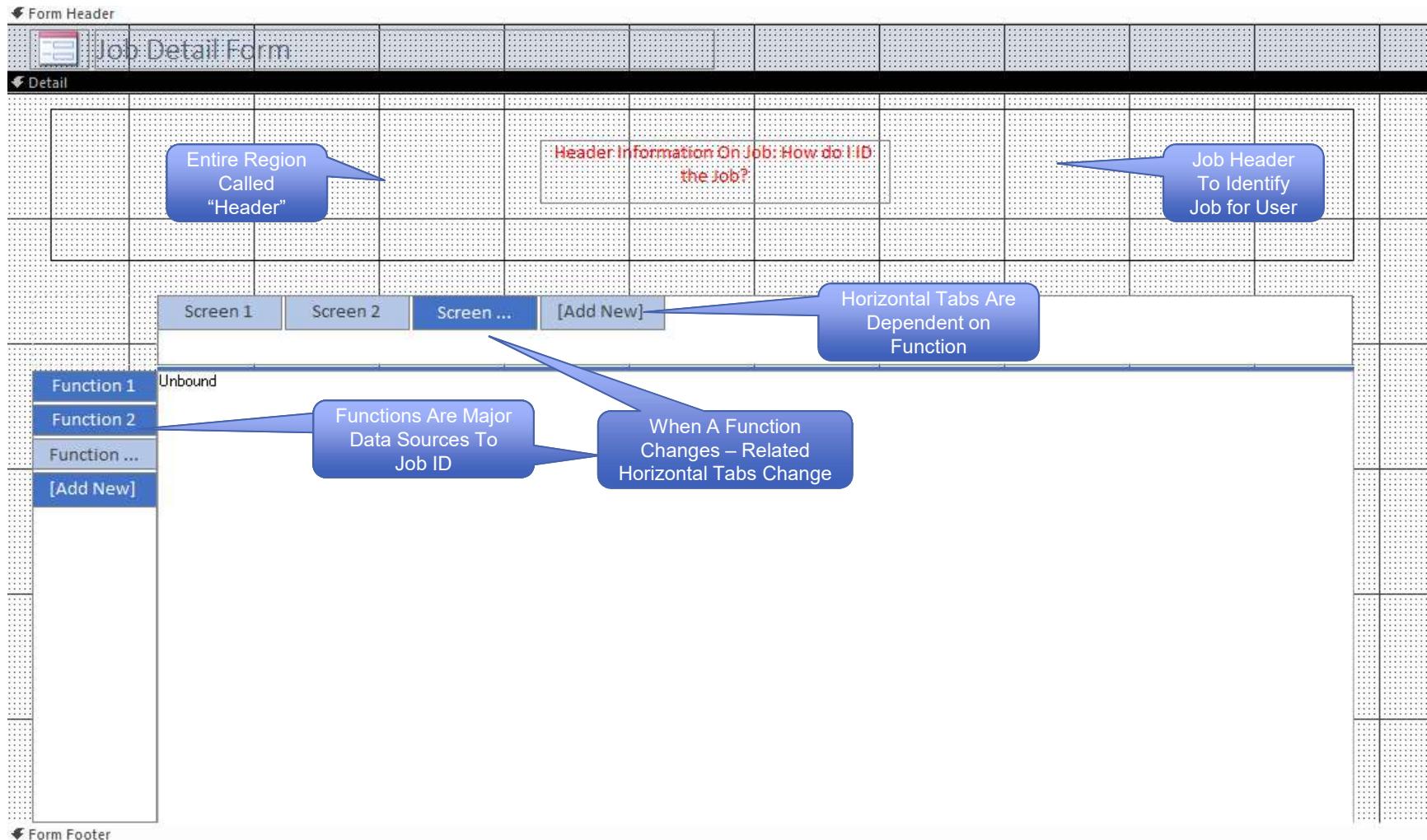
Schematic Observations

- Note the long Field Definitions from the Job Master Table
 - Header Information
 - Concerned about Size of Screen
- Look at the Program Gateways and Attribute Templates Are Source Files for New Job Records
 - Infusion of Data
 - Calculations Described Later

Form Configuration Overview



Configuration Overview



Function/Tab Matrix (Preliminary)

Function to Tab Matrix					
Function/Tabs	Tab1	Tab2	Tab3	Tab4	Tab5
Route	Destination	Origin	Seller	Codes	Error
Status	Gateways	Attributes	Errors	Status	Contacts
Cargo	Sum Cargo	→ Detailed Cargo			
Cost	Line Item Costs	→ Rates			
Price/Revenue	Line Item Prices	→ Price Rates	→ Profit/Loss		
Notes	Viewer				
Documents	List	Viewer			

- Dark Blue Tab Columns Mean No Tabs
- Arrow Means One Screen Drives Another Screen (Potentially)
 - Note Summary Cargo
 - Summary Cargo Line Item Points To Detailed Cargo Line Item Form (Should They Be Connected?)
- Function Overrides Tabs (Function Dependent)
 - When Route Selected – Only The Row Of Tabs Show
 - Functions Are The Primary Selection Attribute
- ***Security? Functions Must Be Secured (Note Price – Vendors Should Not See That Function And All Its Tabs)***

Legend

Note Used	Function	Tab
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Job Header

- Data Content In Job Master Is Too Long
- Form Needs to conserve on screen space
- Bi-Directional Tabs Best Format
 - Tried Collapsible Bands
 - Used Tabs Within Collapsible Bands
 - Best Solution – Vertical and Horizontal Tabs
- Screen Design Sets Horizontal Functions By Vertical Features
- Focus Of First V-Tab is On Delivery Attributes

Job Master Table

Field Name	Data Type	Description (Optional)
JobID	Large Number	Unique Job ID
JobMITJobID	Large Number	Relate a Child Job for Merge In Transit (MIT)
ProgramID	Large Number	Program ID
JobSiteCode	Short Text	Site Code (Short Text)
JobConsigneeCode	Short Text	Consignee Code Identifies Who the Customer is From Customer Source
JobCustomerSalesOrder	Short Text	Sales Order Number From Customer
JobBOL	Short Text	Bill Of Lading
JobBOLParent	Short Text	Phase of BOL Parent
JobBOLChild	Short Text	Bill of Lading of Order Child to Above Parent
JobCustomerPurchaseOrder	Short Text	Customer Purchase Order
JobCarrierContract	Short Text	Provider Carrier Contract Number
JobGatewayStatus	Short Text	Gate Way Status Indicator
JobStatus	Short Text	Job Status (Active, Completed, Postponed, there are more...)
JobStatusedDate	Short Text	Date Last Statused
JobCompleted	Yes/No	Is the Job Completed
JobDeliveryResponsibleContact	Large Number	From Program (Not a strong Link)
JobDeliverySitePOC	Short Text	Delivery Point of Contact (POC) (Can Come from EDI)
JobDeliverySitePOCPhone	Short Text	POC Phone
JobDeliverySitePOCEmail	Short Text	POC Email
JobDeliverySitePOC2	Short Text	Delivery Point of Contact 2 (POC 2) (Can Come from EDI)
JobDeliverySitePOCPhone2	Short Text	POC Phone 2
JobDeliverySitePOCEmail2	Short Text	POC Email 2
JobDeliverySiteName	Short Text	Site Name for Delivery
JobDeliveryStreetAddress	Short Text	Street Address
JobDeliveryStreetAddress2	Short Text	Street Address 2
JobDeliveryCity	Short Text	Delivery City
JobDeliveryStateProvince	Short Text	Delivery State
JobDeliveryPostalCode	Short Text	Delivery Postal Code
JobDeliveryCountry	Short Text	Delivery Country
JobDeliveryTimeZone	Short Text	Delivery Time Zone
JobDeliveryDatePlanned	Short Text	Delivery Date Planned
JobDeliveryTimePlanned	Short Text	Delivery Time Planned
JobDeliveryDateActual	Short Text	Delivery Date Actual
JobDeliveryTimeActual	Short Text	Delivery Time Actual
JobDeliveryDateBaseline	Short Text	Delivery Date Baseline (When was the Original Target Date)
JobDeliveryTimeBaseline	Short Text	Delivery Time Baseline
JobDeliveryComment	Long Text	Delivery Comment (Job Level)
JobDeliveryRecipientPhone	Short Text	Phone
JobDeliveryRecipientEmail	Short Text	Email
JobLatitude	Short Text	Latitude of the Delivery Site
JobLongitude	Short Text	Longitude of the Delivery Site
JobOriginResponsibleContactID	Large Number	Responsible at Origin's location from contact (Loose relationship)
JobOriginSitePOC	Short Text	Origin Point of Contact (POC) (Can Come from EDI)
JobOriginSitePOCPhone	Short Text	Origin POC Phone
JobOriginSitePOCEmail	Short Text	Origin POC Email

Job Master Table (Page 2)

Field Name	Data Type	Description (Optional)
JobOriginSitePOC	Short Text	Origin Point of Contact (POC) (Can Come from EDI)
JobOriginSitePOCPhone	Short Text	Origin POC Phone
JobOriginSitePOCEmail	Short Text	Origin POC Email
JobOriginSitePOC2	Short Text	Origin Point of Contact 2 (POC2) (Can Come from EDI)
JobOriginSitePOCPhone2	Short Text	Origin POC Phone 2
JobOriginSitePOCEmail2	Short Text	Origin POC Email 2
JobOriginSiteName	Short Text	Origin - is the Front of the Delivery - Typically this would be a DC?
JobOriginStreetAddress	Short Text	Origin Street Address
JobOriginStreetAddress2	Short Text	Origin Street Address 2
JobOriginCity	Short Text	Origin City
JobOriginStateProvince	Short Text	Origin State or Province
JobOriginPostalCode	Short Text	Origin Postal Code
JobOriginCountry	Short Text	Origin Country
JobOriginTimeZone	Short Text	Origin Time Zone
JobOriginDatePlanned	Short Text	Origin Date Planned
JobOriginTimePlanned	Short Text	Origin Time Planned
JobOriginDateActual	Short Text	Origin Date Actual
JobOriginTimeActual	Short Text	Origin Time Actual
JobOriginDateBaseline	Short Text	Origin Date Baseline (When was the Original Target Date)
JobOriginTimeBaseline	Short Text	Origin Time Baseline
JobSellerCode	Short Text	Seller Code
JobSellerSitePOC	Short Text	Seller Point of Contact (POC) (Can Come from EDI)
JobSellerSitePOCPhone	Short Text	Seller POC Phone
JobSellerSitePOCEmail	Short Text	Seller POC Email
JobSellerSitePOC2	Short Text	Seller Point of Contact 2 (POC2) (Can Come from EDI)
JobSellerSitePOCPhone2	Short Text	Seller POC Phone 2
JobSellerSitePOCEmail2	Short Text	Seller POC Email 2
JobSellerSiteName	Short Text	Site Name for Seller
JobSellerStreetAddress	Short Text	Seller Street Address
JobSellerStreetAddress2	Short Text	Seller Street Address 2
JobSellerCity	Short Text	Seller City
JobSellerStateProvince	Short Text	Seller State
JobSellerPostalCode	Short Text	Seller Postal Code
JobSellerCountry	Short Text	Seller Country
JobUser01	Short Text	User Defined Field
JobUser02	Short Text	User Defined Field
JobUser03	Short Text	User Defined Field
JobUser04	Short Text	User Defined Field
JobUser05	Short Text	User Defined Field
JobProcessingFlags	Short Text	One character processing flags to highlight conditions; used by Engineering only. Flags are one character text fields a
JobStatusFlags	Short Text	One character processing flags to highlight Status conditions; used by Engineering only. Flags are one character text f
JobScannerFlags	Short Text	One character processing flags to highlight Scanner conditions; used by Engineering only. Flags are one character tex
EnteredBy	Short Text	Who Initiated the Record
DateEntered	Short Text	Date Record was Entered
ChangedBy	Short Text	Who changed the record
DateChanged	Short Text	Date Changed

Job Header Objectives

- Capture Initial Data From Several Input Sources:
 - EDI
 - xCBL
 - Manual
- Basic Informational Aspects for an Order
 - Associated to a Vendor
 - Destination Address
 - Origin Address
 - Delivery Estimated Date & Time
 - Can Have a Pickup Date & Time (Can Default to Delivery Date?)
 - Valid Customer Reference Number
 - Placeholder for Tracking Data Status (Overall Job)
 - Source Information for:
 - Gateways – Most Important
 - Attributes
 - Comes From Program Setup Table
- Must Have at Least A Delivery Date to Be Actionable
 - Many Records Come In From EDI Piecemeal
 - Jobs Can Be In a Holding Pattern Before Ready to Action ON

Job header (Default View)

Order Details and Codes To Identify Data Related to Order

Discuss Status
Points: Gateway
– Current
Operational
Gateway...
RYGB...

Related to Order

Job Detail												ProgramID	ProgramID	JobID															
JobCustomerCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewayStatus																					
JobSiteCode	JobCustomerSalesOrder	JobCustomerPu	JobConsigneeC	JobBOL	JobBOLParent	JobBOLChild	Status Date	JobStatusedDate																					
	Team Member Responsible						Job Status	JobStatus																					
	Responsible Contact	Phone	Mobile Phone	Email			Job Completed	JobCompleted																					
	JobDeliveryResponsible	JobDeliverySitePOCPhone	JobDeliverySitePOCPhone	JobDeliverySitePOCEmail																									
													Delivery	Gateways	Cargo	Documents	Notes	Cost	Finance	Process Codes	[Add New]								
Destination	Detail												Origin	Detail															
2nd POCS													Site Name																
Seller													JobDeliverySiteName																
Map Route													Deliver 1st POC	Phone	Email	Address													
Attributes													JobDeliverySitePOC	JobDeliverySitePOCPhone	JobDeliverySitePOCEmail	JobDeliveryStreetAddress													
POD													JobOriginSiteName	JobOriginSitePOC	JobOriginSitePOCPhone	JobOriginSitePOCEmail	JobDeliveryStreetAddress2												
Other													Address	JobOriginStreetAddress	JobOriginStreetAddress2	City	JobDeliveryCity	State/Province	JobDeliveryStateProvinc										
[Add New]													City	JobOriginCity	State/Province	JobOriginStateProvince	Country	JobDeliveryCity	State/Province	JobDeliveryStateProvinc									
													Country	JobOriginCountry	Postal Code	JobOriginPostalCode	Delivery	JobDeliveryCountry	Postal Code	JobDeliveryPostalCode									
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													Date Baseline	JobOriginDateBase	Time	JobOriginTimeB	Date Baseline	JobDeliveryDateB	Time	JobDeliveryTimeB									
													Time Zone	JobOriginTimeZon			Time Zone	JobDeliveryTimeZ											

Origin and Destination

Person Responsible For Job Set By Program Responsibility...

Delivery Dates Can Be Input or EDI'd.

Time zone Calculated By Zip Code Database

Origin and Destination

Delivery Dates Can Be Input or EDI'd.

Time zone
Calculated By
Zip Code
Database

Job Header (Default View)

Job Detail

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Program ID	13	Job ID	3214	
	KP 78770610	39569298			04198632001010		Gateway Status				
Team Member Responsible											
Responsible Contact	Phone	Mobile Phone	Email	Status Date							
	6502700913		6502700913								
Delivery											
Gateways											
Cargo											
Documents											
Notes											
Cost											
Finance											
Process Codes											
Destination	Origin					Destination					
Site Name	PACIFIC STORAGE COMPANY					Site Name	PLOUCHE NYLA				
Deliver 1st POC	Phone	Email	PACIFIC STORAGE COMPA	9167529739		Deliver 1st POC	Phone	Email	PLOUCHE NYLA	6502700913	6502700913
Address	500 E TRIMBLE PACIFIC STORAGE COMPANY					Address	1324 ASPEN DR 10				
City	SAN JOSE	State/Province	CA			City	PACIFICA	State/Province	CA		
Country	USA	Postal Code	95131			Country	USA	Postal Code	94044		
Pickup						Delivery					
Date Planned	2017-12-19 00:09:0	Time				Date Planned	2017-12-20 00:09:0	Time			
Date Actual		Time				Date Actual		Time			
Date Baseline	2017-12-19 00:09:0	Time				Date Baseline	2017-12-20 00:09:0	Time			
Time Zone	Pacific					Time Zone	Pacific				

New Button for "Seller".

Record: 1 of 1 No Filter Search

Print | Back | New | Edit | Delete

Job Header Calculations

- Baseline Date: Represents The Original Pickup Or Delivery Default Should Be Today (Calendar Selection) (Secured)
- Planned Date: Changes To The Original Date; Baseline Date Holds And Changed Date Shows Any Delays In Overall Pickup And Delivery
- Actual Dates: When A Pickup Was Made Or When A Delivery Was Made; Effectively Closes Out The Job

Job – Secondary POCs

Secondary Points Of Contact – Mimics First Screen

Job Detail												ProgramID	ProgramID	JobID	JobID																																																																																																																																																																																																															
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Job – Secondary POCs

Job Detail

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Program ID	13	Job ID	3214																																																										
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Record: 14 | 1 of 1 | < | > | No Filter | Search |

Job - Seller

Form Header

	Job Detail									ProgramID	ProgramID	JobID	JobID
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Detail

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewaySta
JobSiteCode	JobCustomerSalesOrde	JobCustomerPu	JobConsigneeCo	JobBOL	JobBOLParent	JobBOLChild	Status Date	JobStatususedDa
Team Member Responsible							Job Status	JobStatus
Team Member Contact	Officer	Mobile Name	Email				Job Completed	JobCompleted
JobDeliveryResponsible	JobDeliverySitePOCPh	JobDeliverySitePOCPh	JobDeliverySitePOCEm					

Delivery Gateways Cargo Documents Notes Cost Finance Process Codes [Add New]

Destination	1	2	3	4	5	6	7	8	9	10																																																																																																																																																						
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Fields Change Origin to Seller Contact Fields In Job Master Table

Job - Seller

Job Detail

Program ID	13	Job ID	3214			
JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
	KP 78770610	39569298			04198632001010	
Team Member Responsible						
Responsible Contact	Phone	Mobile Phone	Email			
	6502700913		6502700913			

Delivery Gateways Cargo Documents Notes Cost Finance **Process Codes**

Destination

- 2nd POCs**
- Seller**
- Map Route**
- Attributes**
- POD**
- Other**

Seller

Site Name
HOME DEPOT #0639 COLMA CA

Deliver 2nd POC Phone Email

Address

City State/Province

Country Postal Code

2nd POC

2nd POC Phone Email

Destination

Site Name
PLOUCHE NYLA

Deliver 2nd POC Phone Email

Address
1324 ASPEN DR
10

City State/Province

Country Postal Code

Delivery

Date Planned: 2017-12-20 00:09:0 Time:

Date Actual: Time:

Date Baseline: 2017-12-20 00:09:0 Time:

Time Zone: Pacific

Record: 1 of 1 No Filter Search

Job – Map Route and Mileage

Form Header

Job Detail								ProgramID	ProgramID	JobID	JobID
JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewaySta	Status Date	JobStatususedDa
JobSiteCode	JobCustomerSalesOrde	JobCustomerPu	JobConsigneeCo	JobBOL	JobBOLParent	JobBOLChild	JobCarrierContr	Job Status	JobStatus	Job Completed	JobCompleted
	Team Member Responsible	Delivery Contact	Offices	Mobile Device	Email						
	JobDeliveryResponsible	JobDeliverySitePOCPhc	JobDeliverySitePOCPhc	JobDeliverySitePOCPhc	JobDeliverySitePOCEm						

Delivery Gateways Cargo Documents Notes Cost Finance Process Codes [Add New]

Destination

2nd POCS

Seller

Map Route

Attributes

POD

Other

[Add New]

Longitude and Latitude From Database

Map Can Be A Pop-up...

Add Miles From DC/Origin.

The map displays a route from '104 235th Street' in Lakewood to '2175 North Euclid Avenue' in Ontario. The route is highlighted in blue on a green background. Three pop-up boxes show travel times and distances: 1 h 5 min (57.3 miles), 1 h 4 min (54.8 miles), and 1 h 7 min (60.2 miles). The map also shows various cities like Glendale, Pasadena, El Monte, and Pomona. A yellow callout points to the 'Add Miles From DC/Origin.' button, which is located in the 'Process Codes' tab area. Another blue callout points to the 'Longitude and Latitude From Database' text, which is located in the 'Map Route' section of the sidebar. A third blue callout points to the 'Map Can Be A Pop-up...' text, which is located at the bottom left of the map area.

Job – Map Route and Mileage

Job Detail

Program ID: 13 Job ID: 3214

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
KP 78770610	39569298				04198632001010	

Team Member Responsible:
Responsible Contact: Phone: 6502700913
Mobile Phone: Email: 6502700913

Gateway Status:
Status Date:
Job Status:
Job Completed: False

Delivery **Gateways** **Cargo** **Documents** **Notes** **Cost** **Finance** **Process Codes**

Destination **2nd POCs** **Seller** **Map Route** **Attributes** **POD** **Other**

Destination Map

Latitude: Longitude:

Record: 14 of 1 No Filter Search

Attributes Kick Off Objectives

- Attributes Provide A Place For Agents To Respond To Management Queries On All Deliveries
- They Come From The Program File Template And Are Copied Into A Job Attribute Location
- Additional Attributes Can Be Added Per Job
- Used To Help Drivers Make Delivery By Making Them Aware Of Special Conditions About A Delivery Job

Job - Attributes

Attributes

Field Name	Data Type	Description (Optional)
AttributeID	Large Number	Attribute ID
JobID	Large Number	Job ID from Job Master
AjbLineOrder	Number	Order Number for Line (Sort Order)
AjbAttributeCode	Short Text	Short Code
AjbAttributeTitle	Short Text	Title
AjbAttributeDescription	Long Text	Written Description
AjbAttributeComments	Long Text	Comments
AjbAttributeQty	Number	Number if any
AjbAttributeUnits	Short Text	Unit Of Measure
AjbDefault	Yes/No	Defaulted
AjbStatus	Short Text	Status
AjbDateEntered	Short Text	Original Entry Date
AjbDateEnteredBy	Short Text	Entered By Whom
AjbDateChanged	Short Text	Changed Date
AjbDateChangedBy	Short Text	Changed By Whom

Seen on the
Data View

Main View Fields On Attributes

- Main Fields Displayed On The Screen are Done in Data View Mode
- Main Fields
 - Line Order/Item (Sorted On)
 - Attribute Code
 - Title
 - Quantity If A Measurement or Boolean
 - Units
 - Comments (Answer a question Attribute)
 - Status Fields
 - Main Screen in Form Mode (All Fields to Each Record)

Job - Attributes

Job Detail Master

Job Detail

Program ID	33	Job ID	3213			
JobSiteCode	Cust Sales Order CSOFCQCCTR	Cust PO FQCCTR	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract FQCCTR
Team Member Responsible						
Responsible Contact	Phone	Mobile Phone	Email			
<input type="button" value="Delivery"/> <input type="button" value="Gateways"/> <input type="button" value="Cargo"/> <input type="button" value="Documents"/> <input type="button" value="Notes"/> <input type="button" value="Cost"/> <input type="button" value="Finance"/> <input type="button" value="Process Codes"/>						
Destination	Attribute Detail					Status
2nd POCs	Attribute ID	Job ID	Item	Code	Title	Default
Map Route	1	3213		1 FCATR	Frequency Corporation Attributes Details	True
Attributes	Description					Quantity
POD	FCATR is a detail that explicitly itemizes the look-out list for concerns on any delivery.					24 Units Hours
Other	Comments					What the heck is this?

Record: 1 of 1 | No Filter | Search

Attribute Logic

- Check For Valid Job Header Information; A Job ID Is All That Is Required;
- Reference The Program Table And Copy Records Listed As Default Into The Job Attribute Table
- Properly Format Numeric Data As That Can Be Different For Each Record;
- No Calculations Are Required For This Table
- Attribute Types Should Reference Program Template Types;

Program Attributes

Program Details

Program ID	Customer	Item	
13	AWC	1	
Program Code*	Project Code	Phase Code	
AWCHD	Project Code	Phase Code	
Title	Account Code	Status	
AWC Home Delivery	AWC_3001	Inactive	
Start Date	End Date	PickUp Time	Delivery Time
05/28/2017	06/13/2017	2:30 AM	11:30 AM

Description Gateways Contacts Price Codes Vendors Cost Codes Reason Codes Appointment Codes Attributes Cust Journey Notes

Item	Code	Title	Status	Quantity	Units	Comments	Default
No data to display							

Save Cancel

When An Order Is
Created The
Attributes Are
Inserted From
This Program
Screen

Records Marked
As Default Will Be
Inserted Into The
Job Attributes
Table

If There Are
Quantities Then
They Will Be
Copied From This
Table Into The
Job Attribute
Table

If The Attribute Is
A Question, Then
The Comments
Can Contain The
Answer To The
Question

Consideration
Should Be Given
To Formatting

Gateway Kickoff Objectives

- Understand When Gateways Can Be Entered For The First Time to a Job
- Determine Job Header Record Readiness For Gateway Setup
- Use Recallable Routine For Record Checking And Initial Installation Of Gateways
- Copy Any Gateway Reference From The PPP To The Gateway Job Table
- Load Gateway Records to the Job With At Least the Estimated Date Set

Job Gateways

Job000Master Job Master Status Screen

Job Detail	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewayStatus																																																																																																							
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Form Footer

Main Fields Data View

- Main Fields Displayed On The Screen are Done in Data View Mode
- Main Fields
 - Item (Sorted On)
 - GW Code
 - Title
 - Planned Dates (Start and Finish + Times)
 - Actual Dates (Start and Finish + Times)
 - Analysts – Responsible and Active
 - Status Fields
 - Main Screen in Form Mode (All Fields to Each Record)

Gateways

dbo_JOBDL020Gateways		
Field Name	Data Type	Description (Optional)
GatewayID	Large Number	Gateway Unique ID
JobID	Large Number	Job ID to Job Header Record
ProgramID	Large Number	Program ID - Keep tabs of Program
GwyGatewaySortOrder	Number	Gateway Sort Item
GwyGatewayCode	Short Text	Code
GwyGatewayTitle	Short Text	Title
GwyGatewayDescription	Long Text	Description
GwyGatewayDuration	Number	Duration - How long In process....
GwyGatewayDefault	Yes/No	Default Gateway from Program Tab
GwyGatewayType	Short Text	Type: Gateway, Action, Log
GwyGatewayAnalyst	Number	Analyst from Default
GwyGatewayResponsible	Number	Responsible
GwyGatewayPCD	Short Text	Planned Completion Date
GwyGatewayECD	Short Text	Estimated Completion Date
GwyGatewayACD	Short Text	Actual Completion Date
GwyCompleted	Yes/No	Completed Logical
GwyUnits	Short Text	Units of Measure
GwyAttachments	Short Text	Attachments (Should Be Record Number Right?)
GwyComment	Long Text	Comments
GwyProcessingFlags	Short Text	Process Flags for Internal System Consumption
GwyDateReference	Short Text	Date Reference
GwyUpdatedStatus	Short Text	Date Statused
GwyUpdatedBy	Short Text	Closed ON Date which may differ from Completion Date
GwyClosedOn	Short Text	Closed By - WHO closed the gateway...
GwyClosedBy	Short Text	Date Entered
GwyDateEntered	Short Text	Entered By
GwyDateEnteredBy	Short Text	Are these duplicates?
GwyDateChanged	Short Text	
GwyDateChangedBy	Short Text	

Logic For Kick-Off

- Locate Gateway Table Defaults Once In Program
- Look At Job Header for
 - Valid Pickup & Delivery Dates
 - What to do for Past Tense Dates?
 - Valid Job Identifiers (Internal and Customer)
- If Valid Load
 - All Defaults from Gateway Program Data Are Copied Into Gateway Record (Gateways and Actions)
 - Calculate ESD and EFD Dates and Times Based Upon Program Rules
 - Set Initial Flags For Statusing
- Else
 - Mark Job as Not Ready for Gateway Tracking
- EndIf

Program Template for Gateways

Program Details

Program ID: 13 Customer: AWC Item: 1

Program Code*: AWCHD Project Code: Project Code Phase Code: Phase Code

Title: AWC Home Delivery Account Code: AWC_3001 Status: Inactive

Start Date: 05/28/2017 End Date: 06/13/2017 PickUp Time: 2:30 AM Delivery Time: 11:30 AM

Description Gateways Contacts Price Codes Vendors Cost Codes Reason Codes Appointment Codes Attributes Cust Journey Notes

Reference Date	Item	Code	Status	Title	Description	Duration	Default	Units	Type	Comments
Gateway ID: 1	Item: 1	Code*: Onhand	Title: Cargo Delivered at DC							
Duration:	0	Days	<input checked="" type="checkbox"/> Default	Type: Gateway	Reference Date: Delivery Date	Status: Active				
Description: Normal Times New Roman 3 (12pt) Document Comment										
Comments: Normal Times New Roman 3 (12pt) B I U										

Duration Inclusive for Date To be Calculated In Jobs; Can be Negative

Anything In This List Can Be A Default

Calculations for Dates Based Upon Job Delivery Date

Look At Only Active Records;

Units Can Be Hours, Days, Weeks & Month

Units

- Days
- Hours
- Days
- Weeks
- Months

Update Cancel

What Error States Are There?

Calculations

- Take The Program Template Information
- Calculate Dates Based Upon Delivery or Pickup
 - Durations Can Be Negative
 - Or Positive or Zero
 - Dates = Job Date + Duration -1 therefore
 - Gateway ESD = [Job Delivery] + Days -1;
 - $1/1 + 7 = 1/8$ which is wrong...
 - $1/1 + 7 - 1 = 1/7$ Which Is Right
 - Only Applies for Days
- Any Gateway Type Can Be A Default

Job Gateways

Job Detail Master

Job Detail

Program ID: 33 | Job ID: 3213

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status
	CSOFQCCTR	FQCCTR		I		FQCCTR	
Team Member Responsible							Status Date
Responsible Contact	Phone	Mobile Phone	Email				Job Status
							Archive
							Job Completed
							False

Delivery Gateways Cargo Documents Notes Cost Finance Process Codes

Gateways Actions Log All

Job ID	Item	Code	Title	Gateway ID	Description	Comments	Units	Default	Comp
3213	1	FQGTW	Frequency Corporation Delivery Gateway	1			Hours	True	
3213	2	FQGTWY	Frequency Corporation Pickup Gateway	2			Days	True	

Record: 1 of 2 | No Filter | Search |

Job Gateways

Job Detail Master

Job Detail

Program ID: 33 Job ID: 3213

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
	CSOFQCCTR	FQCCTR				FQCCTR

Team Member Responsible

Responsible Contact	Phone	Mobile Phone	Email

Gateway Status:
Status Date:
Job Status: Archive
Job Completed: False

Delivery **Gateways** **Cargo** **Documents** **Notes** **Cost** **Finance** **Process Codes**

Gateways **Actions** **Log** **All**

Gateway Detail

Gateway ID	Job ID	Item	Code	Title
1	3213		FQGTW	Frequency Corporation Delivery Gateway

Responsible: Analyst

Description: Note Calculations

Dates:

- Planned:
- Estimated:
- Actual:
- Date Reference: Pickup Date

Statused By:

- Statused On: Discarded
- By:
- Closed On:
- By:

Comment: Responsible and Analyst comes from Program Gateway Template and can be manually changed

Record: 1 of 2 | No Filter | Search

Cargo Objectives

- Cargo Information Comes Into The System
 - Manually (Daily)
 - EDI (Hourly/Near Real-time)
 - XCBL (Future Potential)
 - Scanner (Home Depot Suppliers)
- Multifarious Inputs Make The Cargo Kickoff Process Complex
 - May Come With Job Header Information
 - Can Come Asynchronous To The Job Order Header
 - Cargo Could Come Even Before A Delivery Date (?)
 - Cargo Can Be Loaded As Long As Long AS There Is A Valid M4PL Job Number With Traceable Customer Codes
- Cargo Is Statused Through Scanners And B2B Interfaces (Updated)
- Summary And Detailed Data (**Detailed Cargo Data Should Take Precedence**)
- Consider Line Item Status: Active, Scanner, Delivered...
- Address Lat-long Of Last Scan.... (**New Requirement**) (????)
 - Last Scan Or,
 - History Of All Scans (Very Large Effort)

Job – Cargo Summary

Job000Master Job Master Status Screen

ProgramID	ProgramID	JobID						
JobSiteCode	Cust Sales Order	Cust Pn	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewaySta
JobSiteCode	JobCustomerSalesOrde	JobCustomerPu	JobConsigneeCo	JobBOL	JobBOLParent	JobBOLChild	JobCarrierContr	JobStatus
Team Member Responsible	Responsibility Charact	Phone	Mobile Phone	Email			Job Status	JobStatus
							Job Completed	JobCompleted
	JobDeliveryResponsible	JobDeliverySitePOCPh	JobDeliverySitePOCPh	JobDeliverySitePOCEma				

Delivery Gateways **Cargo** Documents Notes Cost Finance Process Codes [Add New]

Buttons Provide Filters To Cargo Information

Summary Detail Missing Damaged Report Other [Add New]

Needs To Be Synchronized To Detailed

Needs To Corroborate Detailed Data

Status: No Detail, Detail, Any More?

Summary Information On Expected, On-hand, Damaged And On-hold

Should This Be A Query....? Edi Process Issues

Cargo Summary

Job Detail Master

Job Detail

JobSiteCode	Cust Sales Order CSOFCQCTR	Cust PO FQCCTR	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract FQCCTR	Gateway Status			
							Status Date			
Team Member Responsible							Job Status			
Responsible Contact		Phone	Mobile Phone	Email			Archive			
							Job Completed			
Delivery Gateways Cargo Documents Notes Cost Finance Process Codes										
Summary	Job ID	Item	Part Code	Title	Cargo ID	Severity	Status	Cargo Summ	QTY Expecte	QTY O
Detail	*									
Missing										
Damaged										
Report										
Other										

Grid View/Data View

Record: 14 < 1 of 1 > No Filter Search

Grid View/Data View

Cargo Summary

Job Detail Master

Job Detail

Program ID: 33 Job ID: 3213

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
	CSOFCCTR	FQCCTR				FQCCTR

Team Member Responsible:
Responsible Contact Phone Mobile Phone Email

--	--	--	--

Gateway Status:
Status Date:
Job Status: Archive
Job Completed: False

Delivery **Gateways** **Cargo** **Documents** **Notes** **Cost** **Finance** **Process Codes**

Summary **Detail** **Missing** **Damaged** **Report** **Other**

Cargo Summary
Cargo ID: Job ID: Item: Part Code: Title:
Summary Quantities
QTY Expected: Units:
QTY On-Hand:
Qty Damaged:
Qty On-Hold:
Satued By
Processing Flags:

Form View...

Record: 14 1 of 1 < > No Filter Search

Cargo Summary

Field Name	Data Type	Description (Optional)
CargoID	Large Number	Cargo ID
JobID	Large Number	Job ID
CgoLineItem	Short Text	Line Item
CgoPartNumCode	Short Text	Part Number Code
CgoTitle	Short Text	Title
CgoQtyExpected	Number	Quantity Expected
CgoQtyOnHand	Number	Quantity On Hand
CgoQtyDamaged	Number	Quantity Damaged
CgoQtyOnHold	Number	Quantity On Hold
CgoQtyUnits	Short Text	Units of Measure
CgoSeverityCode	Number	Severity Code
CgoStatus	Short Text	Status Code
CgoProcessingFlags	Short Text	Processing Flags
CgoEnteredBy	Short Text	Entered By
CgoEnteredOn	Short Text	Entered On
CgoModifiedBy	Short Text	Modified By
CgoModifiedOn	Short Text	Modified On

We should combine
this with the Cargo
Detail... Where is our
internal Code for this?

Logic For Summary Cargo Data

- Summary Cargo Can Come In From EDI Alone; It Can Be Manual
 - EDI Can Be Summary And Then Detailed Cargo
 - Manual Entry Should Come From Detail Data Table Only(?)
- When No Detail Data Are Recorded; Summary Data Will Be Loaded Into The Summary Data
- If Detailed Data Exists; Then The Summary Data Will Be Matched Against A Summary Query For The Detailed Information And Checked
 - Mismatches Will Be Cited And Flagged
 - Detailed Cargo Data Overrides Summary Data And Will Drive The Values
 - Map Part Numbers To Detailed Data
 - Once Detailed Data Are Received This Summary Table Goes To Automatic Updates
- Bottom Line: **Summary Data Gets Driven By The Detailed Cargo Data**
- **Could/Maybe Simplified By Just Using Detailed Data** And Flagging The Source As Summary Or Detailed; Summary Would Be Overridden By Detailed Source

Detailed Cargo Objective

- Stores Line Item Transactions For Cargo Against Each Job Number
- Provides Status Conditions To Know Progress of Cargo Was Last Touched Through Scanning
- Long-Lat Values To Know Where Cargo Was Last Touched
- Records Number Of Items Per Line Item And Unit Of Measure
- Tracks Expected, Actual, Damaged, And Shorted Data Points
- Possible Status Points:
 - By Gateway
 - Status Points (Active, Holding, Being Delivered, Delivered, Canceled,... (?)
- Multifarious Input Like Summary Data (Reference)
- Allow Manual Cargo Input Only Through Detail
- Summarize For Summary Data As Detail Drives Summary Information

Job – Cargo Detail

Job000Master Job Master Status Screen

ProgramID	ProgramID	JobID						
JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	JobGatewaySta
JobSiteCode	JobCustomerSalesOrde	JobCustomerPu	JobConsigneeCo	JobBOL	JobBOLParent	JobBOLChild	JobCarrierContr	Status Date
Team Member Responsible	Responsible Contact	Phone		Mobile Phone	Email			Job Status
JobDeliveryResponsible	JobDeliverySitePOCPHc	JobDeliverySitePOCPhc	JobDeliverySitePOCEM					Job Completed
								JobCompleted

Delivery Gateways Cargo Documents Notes Cost Finance Process Codes [Add New]

Summary

- Detail** (selected)
- Missing
- Damaged
- Report
- Other
- [Add New]

Detail

Cargo Detail ID	Cargo ID	Serial Number	Reason OSD	Reason Hold	Status Code
CargoDetailID	CargoID	CgoSerialNumber	CgoReasonCodeO:	CgoReasonCodeHo	CgoStatusC
					CgoStatusFr

Detail Quantities

Reason OSD	CgoReasonCod	Notes	CgoNotes
Reason Hold	CgoReasonCod		
Weight	CgoWeight		
Units	CgoWeightUnit		
Length	CgoLength		
Width	CgoWidth		
Height	CgoHeight		
Units	CgoVolumeUni		
Cubes	CgoCubes		

What Happened to Cargo Code?

Form Footer

Cargo Detail

Field Name	Data Type	Description (Optional)
CargoDetailID	Large Number	Gargo Detail ID
CargoID	Large Number	Cargo ID
CgoSerialNumber	Short Text	Serial Number
CgoReasonCodeOSD	Short Text	Reason OSD
CgoReasonCodeHold	Short Text	Reason Hold
CgoWeight	Number	Weight
CgoWeightUnits	Short Text	Units
CgoLength	Number	Length
CgoWidth	Number	Width
CgoHeight	Number	Height
CgoVolumeUnits	Short Text	Units
CgoCubes	Number	Cubes
CgoNotes	Long Text	Notes
CgoStatusCode	Short Text	Status Code
CgoStatusFrom	Short Text	Status From
CgoEnteredBy	Short Text	Entered By
CgoEnteredOn	Short Text	On
CgoModifiedBy	Short Text	Modified By
CgoModifiedOn	Short Text	On

What
Happened
to Cargo
Code?

Questions

- Does The Table Need To Have The Cargo Code In It? I Think It Does...
- We Should Combine Both Tables And Load What We Have:
 - Mark Whether The Numbers Came From A Summary Or Detailed Record?
 - Archive Older Entries For Historic Data?
 - How Do We Keep History?
- Address The Long Lat Issue, Is History Scans Important Or Just Last Touch?

Job – Proof of Delivery

Job Detail Master

Job Detail

Program ID: 33 | Job ID: 3213

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
	CSOFQCCTR	FQCCTR				FQCCTR

Team Member Responsible

Responsible Contact	Phone	Mobile Phone	Email

Gateway Status	
Status Date	
Job Status	Archive
Job Completed	False

Delivery **Gateways** **Cargo** **Documents** **Notes** **Cost** **Finance** **Process Codes**

Destination

2nd POCs

Map Route

Attributes

POD

Cancel

No data to display

Update **Cancel**

Job Detail Master

Job Detail

Program ID	33	Job ID	3213					
JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract	Gateway Status	
	CSOFQCCTR	FQCCTR				FQCCTR	Status Date	
Team Member Responsible							Job Status	Archive
Responsible Contact		Phone	Mobile Phone	Email			Job Completed	False

Delivery Gateways Cargo **Documents** Notes Cost Finance Process Codes

By Category POD Damaged

Status	Category	Item	Code	Title	Type	Description	Attachment	Date Start	Date End	Renewal
No data to display										

Job - Notes

Job Detail Master

Job Detail

Program ID: 33 Job ID: 3213

JobSiteCode	Cust Sales Order	Cust PO	Consignee Code BOL	Parent BOL	Child BOL	Carrier Contract
	CSOFQCCTR	FQCCTR				FQCCTR

Team Member Responsible

Responsible Contact	Phone	Mobile Phone	Email

Gateway Status:
Status Date:
Job Status: Archive
Job Completed: False

Delivery Gateways Cargo Documents **Notes** Cost Finance Process Codes

Mission Statement
Our cabinetry is created to bring fashion, beauty and function to the heart of the home. Our people are committed to providing outstanding value and a superior customer experience. Our company is focused on long term, sustainable growth. We offer our employees the opportunity for professional growth while maintaining a work-life balance.

Overview
American Woodmark™ offers over 500 cabinet styles for the remodeling and new home construction markets under four major brands: American Woodmark®, Shenandoah Cabinetry®, Timberlake® Cabinetry, and Waypoint® Living Spaces. To please our customers, we fashion our kitchen and bath cabinets in an appealing variety of designs, materials and finishes. Our KCMA-certified cabinets are sold through a nationwide network of homebuilders, independent dealers and distributors, as well as Lowe's and The Home Depot. American Woodmark is headquartered in Winchester, Virginia with manufacturing locations and builder centers across America. Our long-term vision is focused on maintaining our culture of excellence, creating best-in-class products and value, and delivering outstanding service to our customers. We renew this commitment every day.

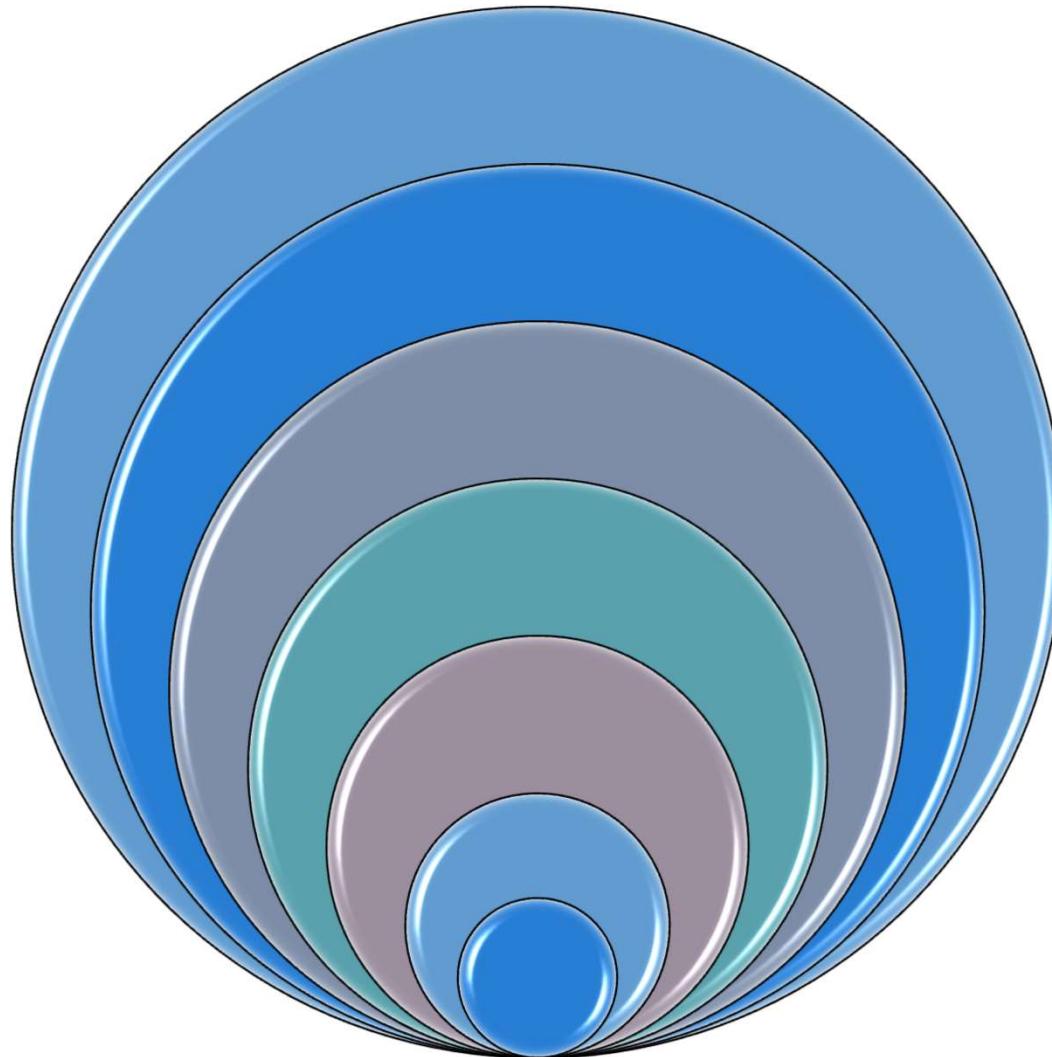
Update Cancel

Questions and Answers



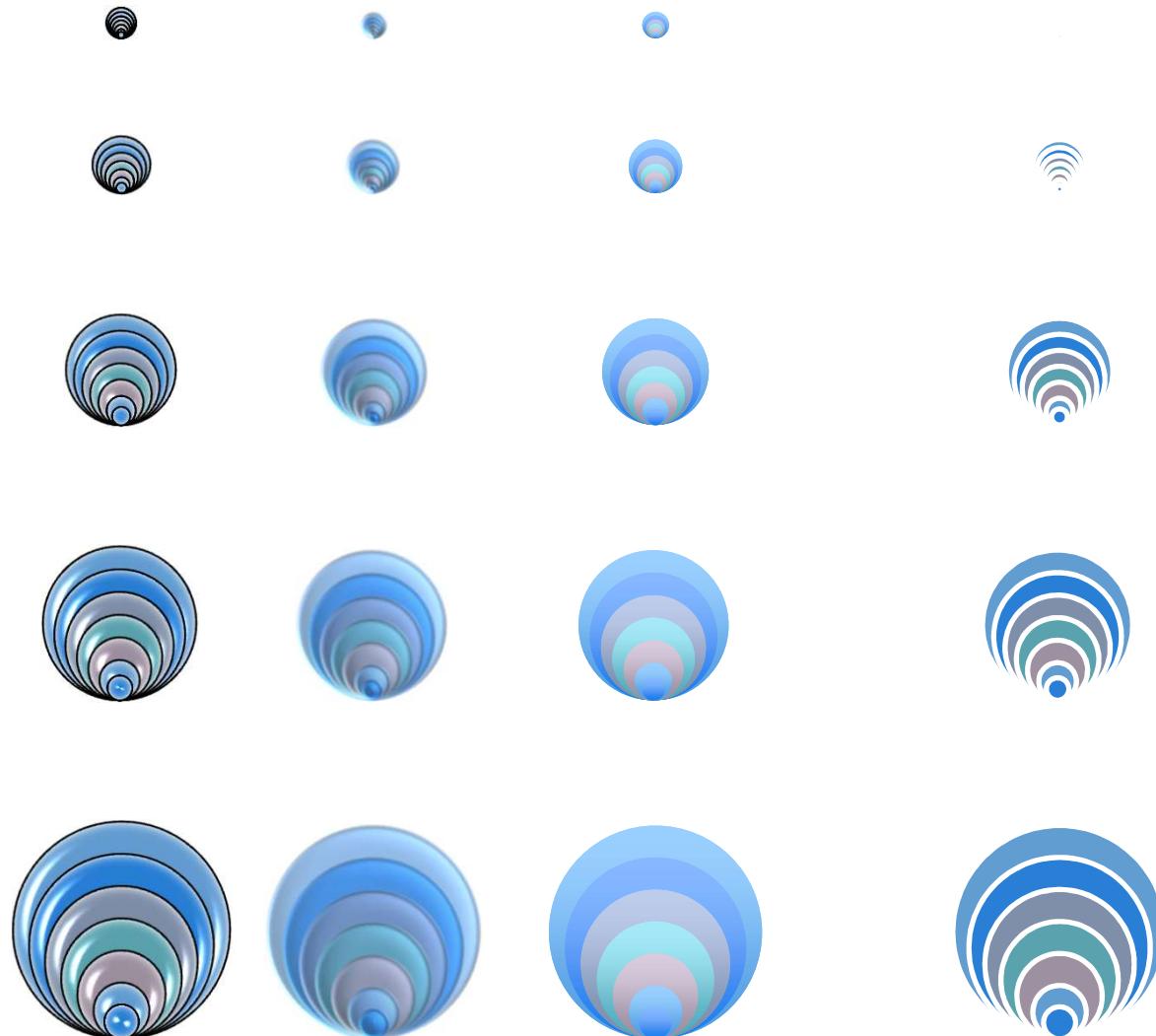
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Dashboard Tree Notes

