

Manufacturing

Finance

FRONTIER 4.1

MOVE
YOUR
BUSINESS
FORWARD,
FASTER.

4.1

Master Data

eCommerce

Frontier Features and
Functions
From 3.0 to 4.1

Dehn Loder
February 2021

PCM

UI

About this presentation

- This is a **fast** overview of the evolution of Frontier from release 3.0 through 4.1
- **This session is recorded**
 - LIVE on Wednesday 10 February:
the Q&A channel is being monitored

How we will do this...

- What's new by major release
 - 3.0.x
 - 3.1.x
 - 3.2.x
 - 3.3.x
 - 4.0.x
 - 4.1 ← most current release
- **Trends and big topics only**
 - Too much to get into details
 - Detailed net change documents are available by release

3.0.0 – April 2009

3.0.1

3.0.2

Frontier 3.0

- Much less content and impact than 2.2
 - Easier upgrade by far
- First stab at a lot of “UI” features
- Introduced **Data Layer**
 - Column-oriented storage for selected configuration segments

3.0.x highlights

- SOE: All pick and ship transactions available in UI
 - Sales Order Picking (OE57 “PICK” mode)
 - Sales Order Shipping (OE57 “SHIP” mode)
- SOE: Pick-Ship Inventory Accounting
 - New **PICK_wh** and **SHIP_wh** alpha codes
 - Eliminates need for reconciling picked-not-shipped and shipped-not-invoiced when closing books

3.0.x highlights continued

- SOE: Online SOE Promotions
 - See impact of promotions as order is being keyed
- SOE: Freight Promotions
 - Use promotions infrastructure to determine freight charges and add items; ship wh, carrier, and destination point to list of freight promotions to apply
- PUR: **APE** – Advanced Purchasing Execution
 - UI replacement for PU19/20
 - With user-defined rules

3.0.x highlights continued

- SOE: Transfer Order Revenue Recognition
 - Allow “SO” type orders to be priced; shipping warehouse attracts revenue
- PUR: Internal Purchasing
 - Allow supply warehouses to be set as vendors
 - “Arms-length” trading between warehouses and across divisions
- SOE: Invoice Revenue Recognition
 - Defer actual invoicing until goods are received, or configurable in-transit days have elapsed after shipment

3.0.x highlights continued

- PCM: Options via Matrix retrieval
 - Lower-level options determined by matrix scan rather than SM41
- PCM: Large model support
 - Size of model condition SEQ field increased from 9999.999 to 99999.999
- PCM/UI: First production-ready release of Configurator in UI
- PCM: User-defined keywords
 - Access database field values as custom &keyword values
- UI: Increased footprint of ilnquiry

Other 3.0 enhancements (lots)

Intransit Receipts by License Plate	Required Date Change for Purchased Component	Option Price Rounding
Skid Loading	iSchedule Enhancements	Global Option Models Inherited to SO Orders
NXTCAR/NXTSKD Parameter - Additional Programs	Redirection Planning (Dynamic Cross Manufacturing)	Branch to Condition Processing
AP Aging Inquiry by Booked Date or Period	Multiple Sessions of W080	Model Set Resequencing
Duplicate Invoice Number Error Level	Parameter Indicates if SO Orders Created on Release	Matrix Pricing Hierarchy
1099 Enhancements	iInquiry Sales Order Inquiry Enhancements	MATRIXVL Multiple Formulas Results
Automatic Payment Processing Enhancements	Shipper Print Parameter	Matrix Retrieval Upon Option Selection
AR60 F4/F5 Confirmation Window	Promotions Per Code	New Keywords
Costing Lower Levels	Online Promotions	User-defined Keywords
Cost of Goods Sold by Cost Type	Freight Charges Tables	Configuration File Data Layer Enhancements
PCM Indented Cost (CST030) What-if File	Transfer Order Enhancements	PCM Workbench Enhancements
Unit Cost Display Modes	100% Line Item Discount	Purchase Order Inquiry (iInquiry)
Picked/Shipped Inventory Accounting	Validating the Order Header Price As	Internal Purchasing
iInquiry Enhancements - Locate a Single Journal	Due Date on Invoice	Conversion Confirmation in RV19
JMP Zipped File	Revenue Recognition (Invoice Timing)	Physical File Field Increase
JMP Tab Delimited	Multiplier Enhancements	iProduct Security Checking by Environment
Vertex Version 4.2.02	iDispatch Enhancements	Security Administration
Vertex Hold Applied at Order Booking	Project Tracker Enhancements	Frontier Signon Redirection Site
Work Order Search (iInquiry)	Expanded Configuration Rule Sequence Number	iProduct Properties
Inventory Lot/Location Availability (iInquiry)	Model Set Initial Option List	General Enhancements
User-defined Work Order Purge	Option Code Not Processed as Product	iProduct Navigation
		iInquiry Customer Search
		iInquiry Division Selection Increase

3.1.0 – April 2011

3.1.1

3.1.2

3.1.x highlights

- MFUI: Masterfile Maintenance in UI, initial releases
 - Customer master
 - Both corporate (CM50) and divisional (CM52)
 - Vendor master
 - Both corporate (VM08) and divisional (VM10)
 - Contacts (CA10)
 - Salespersons (SP50)

3.1.x highlights

- SOE: Barcode PICK transaction timing option
 - Pick on packaging, or pick on truck-load?
- AP: First stable release of AP Vouchering in UI
 - Out of the box, much nicer than AP65
- AR: First stable release of AR Cash Posting in UI
 - Way nicer than AR60 (low bar)
- GL: First stable release of GL Journal Processing in UI
 - User-defined views make it easy to control who can post and un-post
 - Cut-and-paste from Excel!

3.1.x highlights continued

- MRP: Increase maximum horizon to two years (730 d)
- AME: “Work Order Management” within AME
 - Close/open, issue components, view BOM, BOM images
 - Search by license plate/work order
 - View upcoming work
- SOE: Override Addresses now Backorder Specific
 - Changing ship-to on backorder does not affect prior level
- PCM: Dynamic Route-As
 - Use configurator logic to choose the “master routing”

Other 3.1 enhancements

New in Version 3.1	Sales Order Enhancements	PCM Enhancements
PICK Transaction Timing Parameter	New in Version 3	New in Version 3.1
Bar Code Trigger	Promotion Processing for Quotes	Configuration File Data Layer for QT Orders
Financial Enhancements	inquiry Sales Order Inquiry Order Type	Dynamic Route As
Accounts Payable	inquiry Sales Order Inquiry Multiple Order Types	Nearest Added To ROUNDT0 User Exit
Out of Tolerance (APTP) File Purge	inquiry Sales Order Inquiry Show Sales Order Activity Notes	SEGCON User Exit
Moving a Voucher to Another Batch	inquiry Sales Order Inquiry Search by Credit Region	OPTDESC User Exit
Auto Vouchering for Intercompany Batches	inquiry Sales Order Inquiry Show Additional Information	PCM Workbench Enhancements
inquiry Accounts Payable Inquiry Link to Check# Inquiry	inquiry Sales Order Inquiry by Truck Load	Online Configuration Enhancements
inquiry Accounts Payable Results Enhancements	EDI Report Work File Purge (EDI910)	Cut Product Segments Increased to 120
Accounts Receivable	Print Individual Bills of Lading in Consolidated Bill	Pricing Details
Minimum Value for Finance Charges	Order Routing for RMAs	Purchasing & Receiving
Auto Write-off Invoice Balance	Override Addresses Backorder Specific	New in Version 3.1
Aged Trial Balance by Invoice Date	Customer Product Number by Customer Group	Online Purchasing APE Action Menu
Overpayment Aging Date	Carrier Required for Picking or Shipping	Show Vendor Quote Information from Online Purchasing
inquiry Accounts Receivable Aging Sold To Summary	Batch Cancel for Quotes and RMA Orders	Add Vendor Quote Comments (QM11) to PO Preview
inquiry Accounts Receivable Results Enhancements	Add i tons to Optio Forms Output Queues	Add GL Account Lookup Feature
General Ledger	BOL By Truck Load Output Queue by Warehouse	Receipt of Subcontract Purchase Orders added to Barcode Receipts
Closed Account Invalid in Additional Programs	Cash in Advance Support for Reversal	inquiry Purchase Order Inquiry Search by Parent Sales Order 49
inquiry General Ledger Results Enhancements	PCM Freight/Surcharge Expanded	inquiry Purchase Order Inquiry Search by Product Line
iStatements	Online Order Entry - Truck Load Fields Available	Vendor Quotes for ** Warehouse
Account Description on Statement	Online Order Entry Date/Time Stamp	Default Receiving Location to Bin Location
Manufacturing Enhancements	Online Order Entry Custom View Field Values	Subcontract Purchase Orders Receipt to Inspection
New in Version 3.1	Online Order Entry Duplicate PO Checking	System and General Enhancements
Holiday Tickets	Online Order Entry Support for Drop Ship	New in Version 3.1
MRP Planning Limit Increased to 2 Years	Online Order Entry Display of Full Abbreviated Configuration Description	System Enhancements
Date, Time, User for Work Order Release	Online Order Entry Free Field Availability	Asynchronous Task Security
MRP Target Inventory	Print Shipper Added to Online Picking and Shipping	Purge and Reorganize Work Files (DLTWKCFGP)
iSchedule Configure Look Ahead Days	Weight and Cartons Added to Online Order Picking	Ability to Secure Frontier Database From Users
iSchedule Order Created Date	Online Order Entry Warnings	General Enhancements
iSchedule Link to Product Availability	Online Order Entry Quick Grid	inquiry Paging Option Moved
AME Over Reporting Allowed	Online Order Entry Warning When Scheduled PCM Work Order	Frontier Online Menu Editor
AME Add BOM Images	Online Order Entry Authority Level When Released PCM Work Order or Purchase Order	inquiry Support for 50 Warehouses
AME Add Hyperlink from Work Order to Work Order Inquiry	Online Order Entry Multiple Invoice Copy for Credit Memos	
AME Issue Component View	Online Order Shipping Process Updates Without Ship	
AME CLOSE Work Order	Online Sales Order Schedule Promise Date to Sync To	
AME Display Universal Routing Text	iDispatch - Break Loads by Carrier Code	
AME Search by License Plate	iDispatch - Add Allocated Quantity to Load List	
AME Visibility to Upcoming Work	iDispatch - Route Code by Calendar	
Formula For Lead Time Calculation	iDispatch - Display Subset of All Routes	
inquiry Availability Display of Primary Location	iDispatch - Assign Promised Date to Any Day	
	iService Enhancements	
	New in Version 3.1	
	Incidents Against Low Level Orders	
	Re-use Consumer Information	
	Setting to Append Incident Orders	
	iService Schedule Sales Order Detail Link	

3.2.0 – July 2013

3.2.1

3.2.2

3.2 was a big “UI” release

3.2.x highlights continued

- MFUI: Increasing footprint
 - Chart of accounts (AC69)
 - Employee master (EM33)
 - Product master (PM70)
 - Inventory segment (PM73)
 - Resource master (RS10)
 - Work center master (WC39)

3.2.x highlights continued

- PUR: Purchase order receiving in UI
 - Basic Receiving
 - Receipt Management
- MPC: More work order transactions in UI
 - Work Order Reporting (like W027)
 - Work Order(less) Reporting (like W070)
- IC: More Inventory Control in UI
 - Inventory Issues and Receipts (UN01, UN24, ST26)
 - Named views, security

3.2.x highlights continued

- MRP: Non-nettable locations
 - Hide selected inventory from MRP
- “SCOPE”: Stock Configured Order Planning and Execution
 - Attach segments and values to non-configured products planned by MRP/ROP
 - Looks like a PCM product in iSchedule, AME, CADFlow, and Cut Part Processing
- AME: New Undo functionality, improved Scrap/Rework

3.2.x highlights continued

- PCM: Split work orders
 - Splits large-quantity customer demand into smaller units for scheduling
- PCM: Dynamic WIP-STK Lead
 - Calculate WSLT instead of using fixed PM73 value, or bogus routing operations
- PUR: Purchase order value limit by profile
 - Simple “manager authorization required” workflow

Other 3.2.x enhancements

PK01 Support No-ship PCM Models	AME Additional Fields Available For Display	iPad and Safari Support
Asynchronous Production Reporting from PMC	AME Consolidate Orders by Lot#	iInquiry Sales Order Inquiry
New Cycle Counting Accumulation (IC02)	iSchedule Generate Optimizer Files Before Run Release	Additional Filters Added to Sales Order Inquiry
New Physical Inventory by Tag (PI03)	iSchedule Compatibility with Tablet PCs	Additional Information Added to Sales Order Results
Accounts Payable	iSchedule Ability to Split Work Orders	Global Model Removed From Incident Order
AP No Due Date on Credits	iSchedule Schedule by Start Date Without Breaking Runs by Day	iService Entry Selection of Multiple Lines for Incident Order
AP Clear Expired Discounts	iSchedule Additional Fields Available For Display	iService Entry Improved Navigation with Incident Order Page 36
Accounts Payable UI Voucher Move	Inventory	Update Consumer Information From iService Entry Search Page
Accounts Payable UI Add Vendor Product Number	iInquiry Inventory Audit Display by UOM	iService Schedule Link to View Configuration
Allow Voucher Comments in Accounts Payable UI	Unplanned Issues and Receipts Expanded Alpha Code	PCM Enhancements
iInquiry AP Inquiry Multi Criteria Remove Date Remove Date Requirement	Physical Inventory Exclude Locations	New Configuration Page
iInquiry AP Inquiries Smart Grid	Physical Inventory Automatically Generate Tag Records	Grid PCM Order Entry Multi-level Combo Box
Accounts Payable UI Add Voucher Lines	iDispatch	Option Matrix Retrieval Support Formula User Exist
Combo Boxes No Longer Auto Select	iDispatch Load List and Delivery List Output Enhancements	Phantom Ship Separates
Accounts Receivable	iDispatch Support No-ship PCM Models	COPYSEG Support for Alpha Keywords
New Customer Credit Code Hold Past Due	iDispatch Date Change Reason Code	Work Order Text Builders from Matrix
Customer Credit Region Associated with Sold To	Load Status Added to iDispatch Execution	Split PCM Work Orders
iInquiry AR Aging Link to iCredit	iDispatch Ability to Print Sales Order Acknowledgements for All Orders	Dynamic WIP to Stock Leadtime
iCredit Allow Disputed Invoice Update	View Only Role for iDispatch Execution	PCM Maintenance User Exit Enhancements
iInquiry AR Inquiries Smart Grid	Compatibility with PC Miler Version 25	Expansion of PCM Data Layer
General Ledger	Planning for Multiple Routes Optional	PCM Workbench Enhancements
General LedgerDual Currency	Sales Order Processing	CADFlow Enhancements
iInquiry GL Single Journal Inquiry Enhancements	Sales Order Promising Reason Code	Mass Work Order Regen Support for CADFlow
iInquiry GL Inquiries Smart Grid	PCM Promotions	Ship Separates From CADFlow
General Ledger UI Hot Key to Add Lines	Allow Zero Dollar Invoices	Store Image by Part, Lot, or Order
New in Version 3.2	Credit Region Change to Customer Propagates Order Files	Phantom with Force Operation Sequence
Manufacturing	Backorder Retain Shipping Information	Calculations Before CADFlow
iInquiry Work Order Inquiry Display of Costed Quote Work Orders	Removal of Customer Notes Inquiry and Maintenance	Button to Regenerate Default Image
iInquiry Work Order Inquiry Display Work Center Description	RMA Crediting	CAD Document Link
iInquiry Work Order Inquiry Search by PCM Lot#	Online Sales Order Processing	CADFlow Image Browser Application
MRP Non-nettable Locations	Product Notes	CADFlow Request Browser Application
Subcontract Cost Formula	Sales Order Hold Maintenance Credit Holds	Online Purchasing Vendor Quote Specific Product Lookup
Resource Master Date Range	Sales Order Copy Include Header Information	iInquiry Purchase Order Inquiry Enhancements
AME Reverse Reporting After Complete	Allow Order Type Change	Ability to Close Purchase Orders in Purchase Order Close (PO35)
AME View PCM File Attachments	Allow Maintenance to PCM Option Comments	Override EDI Flag by PO
AME Support for No-Ship PCM Models	Sales Order Picking and Shipping Show Abbreviated	Purchase Order limit by Profile
AME Show Images in Grid View	Configuration Description	Allow Output Queue by User for Receipt Tickets
AME Search for Work Orders	Mark Numbers Expanded to 50 Characters	Restrict Accounts Used for Supply Items
AME Generate New Work Order For Scrapped Quantity	Sales Order Acknowledgement Print Option	Ability to Enter Requisition Information Added to Online
	Net Value Added to Sales Order Shipping	Purchasing
	Warning When Quantity Changed on Scheduled Line Item	APE iPad and Safari Support
	Display of Configured Descriptions Expanded	Expand Reason Code on Returns Detail
		Copy Ability Added to Security Maintenance UI
		New Utility to Change Physical File Reuse Settings
		General Enhancements
		Master File Maintenance View Only Ability
		Enable Trailer File Fields

3.3.0 – September 2015

3.3.1

3.3.2

3.3.x highlights

- PCM: Configurator UI
 - Completely reworked: up to 10x throughput
 - New caching strategies for performance
 - Streamlined UI, fewer “off page” interactions
 - Richer control set

3.3.x highlights

- MPC: WO Maintenance now available in UI
 - W030, W031 replacements
- SOE: Tax group expansion
 - Moved tax group from “TX” note file to own table
 - Tax group now 20 characters
- SOE: “RM” type orders now writable in UI
 - Finally!
- iDispatch Planning: Single route across multiple shipping warehouses
 - Pick-up → Pick-up → Pick-up → Deliver...

3.3.x highlights continued

- SOE: Ship-to address overrides
 - Pre-defined ship-to address overrides by ship-to customer
 - Also carries sales tax overrides (like tax group)
- SOE: Order-specific contacts
 - In addition to defaults carried in Contact Master
- SOE: Maintain eQuote Dealer Quotes in UI
 - On behalf of dealer; use for “ordering support”
- SOE: Attach documents to sales order

3.3.x highlights continued

- PCM: More configurator performance improvements
- PCM: Override manufacturing warehouse on sub-models of model set
- AME: Batch execution
 - Select, (re)plan, and release as an unattended batch process
 - Can be scheduled
 - This gets used a lot!

3.3.x highlights continued

- AP: User-defined UI custom views
 - E.g. one view for material purchases, another for expenses
- SEC: One user profile for multiple environments
 - User gets asked which environment they want at signon
- SEC: Change-password support in UI
 - No need for green-screen access or administrator help

Other 3.3 enhancements

ITO1 Search for Unreceived	Cost Element Accounting	Order Inspector
Accounts Payable	Omit iService Orders	Matrix Controlled Option List
AP Vendor Third Address Line	Single Route Multiple Warehouses	Collapse Configuration Frames
Tolerance Hold Inquiry	Sales Order Processing	Special IMAGE Segment
Accounting at PO Receipt	Tax Group Expansion	Show Omitted Options
AP UI Customizable Page	Prevent Allocation Order Split	Submodel Manufacturing Warehouse
Accounts Receivable	QT/RM Order Cancel by Customer	Configured Sub Assembly WIP to Stock Lead Time
Import to AR UI	Last Maintenance Date and User Added to Customer Price Catalog	Submodel Quantity
External AR System Interface	Components Print on Shipping Document for No-Ship Models .	Working Segment Display
Apply Invoice in Full Option ARUI	Order Totals Support for Ten Product Line Counts	Configuration Code Segment Display
Invoice Date Added to AR Inquiry	Support For Zero Price Commission Percent	Multiple FRNHTTPMR Async Jobs
iCredit Enhancements	Online Sales Order Processing	Weight Calculation
General Ledger	UI Copy Invoice to CM in Full	PCM Customer Product Enhancements
Intercompany Gain/Loss by Receiving or Shipping warehouse 11	Cost / Margin Display Added	Sales Order Inspector
Account Master Free Fields	Support for Dealer Quotes	PCM Workbench Enhancements
Include Waste % on Cost Sheet	Multiple Order Contacts	Test Perspective Removed
Manufacturing	Attach Documents to Sales Orders	CADFlow Enhancements
Work Order Inquiry Display of Scrapped Quantity	Order Hold Maintenance Enhancements	Automatically Generate CAD Drawings
BOM Display for non-PCM Work Orders	Line Item Promotions	Bypass CADFlow by Order Type
Cut Product Processing 300 Segments	Highlight Last Line Configured	Wild Card Search Criteria
AME Autoship iService Order	Refresh Custom Views	Multiple Attached Documents
AME Batch Processing	Copy Line Include Comments	Multiple Warehouses on Purchase Order
AME Labor by 'S' Type Employees	PO Not Required on Quotes	Mass Date Change
AME Configuration Custom Columns	Line Item Has Notes Visibility	UM Display in iPurchasing Inquiry
Group View Sum Numeric Columns	Auto Entry of Sales Order Product	System Enhancements
Task Filter Moved	Standard Order Comments	Security Roles in Inquiry
Grid View Navigation Improvements	Override Name and Address Master	Ability to Change Password
iSchedule	inquiry Sales Order Inquiry	Single Signon Support
RS10 Capacity iSchedule Day Bar	Additional Fields Added to Results	Master File Maintenance View Only Ability
Hide Day Bar	Link to Order Attachments	Enable Trailer File Fields
Availability Check Including Sub Assemblies	Omit iService orders in iDispatch	Master File Custom View Enhancement
Cost Update Journal Entries	Do Not Credit Check	
Account Specification by Inventory Category and Warehouse 17	General Configurator Enhancements	

4.0 – November 2017

4.0.1

4.0.2

4.0 highlights

- Big UI footprint increase in Manufacturing
 - “W022”, “W030”, “W031”
 - “IV26” equivalence
- Extensive Configurator performance enhancements
 - Up to 10x better performance
 - New matrix types
 - “Phantom” sub option lists (SUBL)
- Sales order processing
 - Order promising auto-lock, promise from Order date
- For MRP users...

4.0 highlights

MRP Action Director

4.1

Friedman Corporation

ECS040D | [Logout](#)

Frontier: [Home](#)

Production Planning

Sales

Order Management

Product Data Management

Distribution

Manufacturing

Inventory Management

MRP Action Director

Planner:

Buyer:

Product:

WH:

MRP Desired Date:

PO Place Date:

Filter Days IN:

Filter Days OUT:

☐ Requisition Created

☐ Create PO

☐ Create MPS Order

☐ Reschedule PO

☐ Reschedule Requisition

☐ Reschedule WO

☐ Release WO

Del	Action	Planner	Buyer	Product	WH	Order#	Order Type	Quantity	MRP Desired Date	Place PO By Date	Current Due Date	Change in Dates	M/B	Inv Type	ABC	MRP/MPS
☒	☐ Reschedule purchase order	AMOR	AMOR	GREENPAINT	KA	503178		2.035	01/02/16	07/26/16	07/26/16	-202	B			M
☒	☐ Reschedule purchase order	AMOR	AMOR	GREENPAINT	KA	503179		0.444	01/02/16	11/09/16	11/09/16	-304	B			M
☒	☐ Reschedule purchase order	AMOR	AMOR	MRP CREATE 2	KA	503161		500.000	01/02/16	05/03/16	05/03/16	-119	B		C	M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100631		33.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100631		22.000	01/02/16		07/21/08	0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100641		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100641		1.000	01/02/16		07/21/08	0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100644		1.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100644		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100645		1.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100645		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100651		1.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100651		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100654		1.000	01/02/16		07/21/08	0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100655		1.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100655		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100656		1.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100656		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100657		1.000	01/02/16			0	B			M
☒	☐ Negative in 1st period	AMOR	AMOR	LUMBER	KA			-510032.370	01/02/16			0	B		C	M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100657		2.000	01/02/16			0	B			M
☒	☐ Reschedule requisition	JUSTIC	JUSTIC	WHIP	KA	100658		11.000	01/02/16			0	B			M
☒	☐ Reschedule purchase order	JUSTIC	JUSTIC	WHIP	KA	10123653		16.000	01/02/16			0	B			M
☒	☐ Reschedule purchase order	JUSTIC	JUSTIC	WHIP	KA	10123654		40.000	01/02/16			0	B			M
☒	☐ New work order	JUSTICE	AMOR	PLANK-FIRE	KA	61058802.000	0	2.000	01/02/16		04/30/16	-116	M			M
☒	☐ Requisition created	AMOR	AMOR	BLUEPAINT	KA	105298		31450.440	01/02/16	12/31/15		1	B			M
☒	☐ Requisition created	AMOR	AMOR	BOARD	KA	105298		1863.840	01/02/16	12/31/15		1	B			M
☒	☐ Requisition created	AMOR	AMOR	BRUSH	KA	105298		5389.000	01/02/16	12/31/15		1	B			M
☒	☐ Requisition created	AMOR	JUSTIC	CHARD	KA	105298		633387.000	01/02/16	01/02/16		1	B		C	M
☒	☐ Requisition created	AMOR	JUSTIC	COLLARD	KA	105298		991.000	01/02/16	01/02/16		1	B		C	M
☒	☐ Requisition created	AMOR	AMOR	COMPONENT	KA	105298		10343.000	01/02/16	12/31/15		1	B			M
☒	☐ Planned requisition created	AMOR	AMOR	GREENPAINT	KA	105298		453.020	01/02/16	12/31/15		1	B			M
☒	☐ Planned requisition created	AMOR	AMOR	LUMBER	KA	105298		510032.370	01/02/16	12/31/15		15	B		C	M
☒	☐ Planned requisition created	AMOR	AMOR	MRP CREATE 2	KA	105298		11200.000	01/02/16	12/31/15		1	B		C	M
☒	☐ Planned requisition created	AMOR	JUSTIC	TURNIP	KA	105298		625.000	01/02/16	01/02/16		1	B		C	M
☒	☐ Planned requisition created	BRENDA	BRENDA	COST	KA	105299		1660.000	01/02/16	01/02/16		1	B		C	M

WO BOM

WO Routing

WO Detail Inquiry

Inventory Availability

Reschedule

4.0 highlights

Retirements

- Entire order processing workflow now available in UI (other than batch reports)
- All OE green screen programs decommissioned!
- **These programs don't ship as of Frontier 4.0:**

Program	Description	UI Alternative
OE50	Hold Maintenance	Sales Order Hold Maintenance
OE51	Rapid Order Entry	Sales Order Header/Detail Custom view
OE53	Order Header Maintenance	Sales Order Header
OE54	Order Detail Maintenance	Sales Order Detail
WS54	Option Selection and Maintenance	Online Configurator (CFUI)
OE55	Sales Order Allocation	Sales Order Allocation
OE56	Allocation by Product	Sales Order Allocation
OE57	Billing Maintenance	Sales Order Picking, Sales Order Shipping
OE59	Rapid Billing Maintenance	iDispatch Execution, Sales Order Shipping
OE62	Sales Order Promising	Sales Order Schedule
OE65	Sales Order Schedule Window	Sales Order Schedule
OE74	Warehouse Transfer	Sales Order Schedule

Other 4.0 enhancements

PK01 Load Carton/Skid PCM Enhanced	Ability to Change Date and Quantity in Inventory Availability	Green Screen Order Processing Programs Decommissioned
Invoice Number Added to PPV Reports	Add Customer Notes to BOL	ilnquiry Sales Order Inquiry
Select Separate Check at Payment Selection	Sales Order Processing	Addition of iDispatch Trailer ID
General Ledger	Order Promising by Order Date	Order Action Menu Additions
Multiple Product Profitability Journals	Single Invoice for Multiple Orders	Configuration Page Next Copy with Quantity
Sales Order Discount Accounts	Promised Delivery Date Added	Configuration Page Grid Entry
Expanded Import of Journal Entries	Support for ASN Print by Backorder Suffix	Enhanced PCM Cache Management
Work Order Placement	Matrix Pricing for Non PCM Products	Inherit Configuration Options between Submodels
Work Order BOM Maintenance	Order Entry UM Default by Warehouse	Mass Sales Order Line Item Reconfiguration
Work Order Routing Maintenance	Use of All Contact Types for a Customer	New Tag Number User Exit
MRP Action Director	Warning of Order Quantity Change at Shipping	New Retrieval Matrix
Load vs Capacity	Credit Card Support	PCM Workbench Enhancements
AME Lineal Optimization	Order Level Contract Pricing	Performance Improvements for Promote
Load Grid Shows Capacity Limit	Order Completion User Exit	Clear PCM Cached During Promote
Reroute Multiple Orders at Once	Tax by Jurisdiction	Promote eQuote Grid/Global Changes Data
Option to Copy Costs in Inventory Segment Maintenance	Sales Order BOM Modification Process	CADFlow Enhancements
Display of PUM and IUM in Inventory Segment Maintenance	Re-sequence Lines on Quotes	Suppress CADFlow Validation by Model
Inventory Availability Inquiry to Include Forecast	Sales Line Item Copy	Purchase Order Line Item Copy
Released Work Orders vs Planned Work Orders in Inventory Availability	Reason Code Filter Added to Order Hold Maintenance	Update PCM Costs
Enhanced Usability in Inventory Availability	Sales Load vs Capacity	APE Plan/Convert Requisitions New Recommended Vendor Filter
		APE Plan/Convert Requisitions Support For Free Fields
		Updated Main Menu

4.1.0 – December 2020

Most current release

Frontier 4.1

- **Most current release**
- Lots of net-new function, new modules
- Many PCM enhancements
- Big “UI footprint” increase

Frontier 4.1 highlights

“iLogging”

- New module
- Logs changes to selected data elements in
 - Customer masters
 - Product masters
 - Vendor Masters
 - Sales Orders
 - And selected configuration segments, too!
- See change logs in
 - Master file UI for specific table
 - Sales order inquiry for specific order
 - New UI inquiry across master files

Frontier 4.1 highlights

Frontier Attributes

- New module
- User-defined lists of data elements (“attributes”) to be attached to:
 - Customers,
 - Products,
 - Vendors
 - Sales orders
- Alternative to free-field usage, MFUI extension files
- Attribute definition includes valid values etc.
- Changes to attribute values can be logged by *iLogging*

- Build-your-own inquiries accessible from within the Frontier UI
 - Supply your own SQL selection with replaceable parameters
 - Automatic hyperlinking to other areas of application

Definition

Result

Frontier 4.1 highlights

Order archiving

- Sales Order and Work Order Archiving
 - Different than ***purging***: archived orders remain on-line and accessible
 - Closed/completed orders moved to “AX_” database tables
 - Not affected by order number “rollover:” archived orders get an archive prefix
- You control archiving parameters
 - Anticipation is yearly, but your call
- Archived orders still available in inquiries
 - New checkbox “Search archive also” in search criteria
 - Can copy from an archived sales order!
- Significant benefits for high-volume customers
 - Systems management and performance

Frontier 4.1 highlights

Address expansion and Validation

- Database field size increases
- All master file and order field sizes increased:
 - Name: 30 → 50 characters
 - Address lines: 30 → 50 characters
 - City: 18 → 35 characters
 - Zip Code: 10 → 15 characters
- Optional link to USPS address validation web service
 - Address correction recommendations during address maintenance
 - Master data and sales orders

Frontier 4.1 highlights

AvaTax

- Now supports using Avalara *Avatax* web service for Sales Order Sales Tax
 - Instead of TGP tax tables and tax flags
- Avatax manages all
 - Tax rates and updates
 - Exemptions management
 - Certificate compliance
 - Tax filing and reporting, if desired
- Can support State and Canadian sales tax at the same time!

Frontier 4.1 highlights

Many PCM enhancements

- Option “sub lists” – like phantoms for option lists
- Configuration option notes – accept or require additional text when option selected (up 1,600 characters per option)
- Line item model change – change model in Order Details page and reconfigure
- Caching improvements – cache underlying condition-as models separately
- Option-level security – assign security levels (0-9) to specific options
- Line item cube rollup – calculate top-level cube based on lower-level components

Frontier 4.1 highlights

UI footprint increases

- All Purchasing workflow now in UI
- All Accounts Payable workflow now in UI
- All Accounts Receivable workflow now in UI

And so there is green-screen function that does not ship in 4.1:

A/P Account Allocation Sets (AP21)
A/P Auto Display Allocation Sets (AP25)
A/P Payment Selection (AP63)
A/P Batch Maintenance (AP65)
A/P Recurring Invoices (AP67)
A/P Partial Payments (AP68)
Pay Code Display (AR07)
Accounts Receivable Maint (AR60)
Accounts Receivable Rapid Invoice Maint (AR61)
Non Stock Product (NS01)
Non Stock Product Number (NS02)

Display Mode OE54 (OE03)
Purchase Order Entry/Maint (PU13)
Purchase Order Receiving (PU15)
Open Req & Conversion (PU19)
Consolidated Open Req (PU20)
Line Buying (PU23)
Contract Master Maintenance (QM09)
Vendor Quote Maintenance (QM11)

Manufacturing

Finance

FRONTIER 4.1

MOVE
YOUR
BUSINESS
FORWARD,
FASTER.

4.1

Master Data

eCommerce

Frontier Features and
Functions
From 3.0 to 4.1

Dehn Loder
February 2021

PCM

UI