

Manufacturing

Finance

4.1

***FRONTIER 4.1***

MOVE  
YOUR  
BUSINESS  
FORWARD,  
FASTER.

Master Data

eCommerce

# Frontier 4.0 through 4.1 Focus on Finance

Dehn Loder  
May 2020

PCM

# About this presentation

- What's New highlights, Frontier versions 4.0.x and 4.1.0.
  - Frontier 4.0.0 is the baseline
- **Focused on finance and financial integration**
  - Other areas of the system were discussed Tuesday 26 May
- Unless otherwise noted, everything here is **UI only** (no green screen)
- We'll tag the release the feature was introduced or will be available:
  - 4.1.0 GA: 3Q 2020, subject to co-development timelines in COVID-19 business environment

Cumulative  
releases

4.0.1

June 2018

4.0.2

January 2019

4.0.3

February 2020

Base  
release

4.1.0

3Q 2020  
PROVISIONAL

# Accounts payable

## UI partial payment

- Partial-pay invoices from Voucher Header
  - No more need for green-screen AP68

### Apply Invoices

Active Batch: 644      Active Voucher:      Invoice Balance:      Applied Amount:

#### Settings

##### Batch Information

##### Voucher Header Information

Voucher Number: 001      PO Number:      Invoice Date: 04/15/2020  
Vendor: CHEAP1      Invoice Number: 6006341      Invoice Amount:        
One Time Vendor: ☐

 New    Open    Save    Amend    Partial Pay    Reverse PO    Post    Unpost

#### Partial Payment

Partial Amount: 6.00  
Partial Pay Date: 04/15/2020  
Discount for Partial Payment: 0.00  
Balance Discount: 0.00  
Balance Pay Date: 04/30/2020

 Ok    Cancel

# Accounts payable

## Expanded invoice number

- AP invoice number expanded from 10 characters to 22 characters
  - Much-needed change enabled by the UI
- AP hardcopy reports reformatted to accommodate
- UI only!

As a result of this change, these  
AP green-screen programs  
will be

**de-commissioned**  
and will not ship with 4.1.0:

A/P Unvouch/Vouch Receipts	AP62
A/P Payment Selection	AP63
A/P Batch Maintenance	AP65
A/P Check Void Maintenance	AP66
A/P Recurring Invoices	AP67
A/P Partial Payments	AP68
A/P Account Allocation Sets	AP21

# Accounts payable

## UI Recurring invoices maintenance

- UI replacement for AP67

**A/P Recurring Invoices**

Division:  Vendor:

	Division	Vendor	Vendor Name	Invoice	Invoice Amount	Discount	Account Number	Freq Code
<input type="checkbox"/>	01	JW TST		8 14	14.00	0.00	01-00-115-000	JWTST
<input type="checkbox"/>	01	JW TST		8 15	15.00	0.00	01-00-115-000	JWTST
<input type="checkbox"/>	01	JW TST		8 16	16.00	0.00	01-00-115-000	JWTST
<input type="checkbox"/>	01	JW TST		8 17	17.00	0.00	01-00-115-000	JWTST
<input type="checkbox"/>	01	JW TST		8 18	18.00	0.00	01-00-115-000	JWTST
<input checked="" type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES1	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES10	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES11	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES12	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES13	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES14	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES15	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES16	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES17	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES18	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES2	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES3	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES4	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES5	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES6	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES7	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES8	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES9	100.00	0.00	MISC	MRG1
<input type="checkbox"/>	01	MGVEND	MIKE CHANGE	INVOICES	15 000.00	0.00	MISC	MRG1

**Main**

Division:  Vendor:

Invoice:  Account Number:

Freq Code:  Invoice Amount:

Discount:



# Costing, cost elements

## Percentage of material cost

- Define non-material cost elements as a percentage of total material cost elements
- Only non-material cost elements may be specified as percentage of material
  - % allowed when NFPRT1 = 'N'
  - \$ always allowed
  - % and \$ not allowed together
- Calculation is done whenever cost roll or cost total is retrieved

ECS040D COST ELEMENT MAINTENANCE \* INQUIRY \* 08:03:06

Product VEST Warehouse KA  
Description HIT-AIR PROTECTIVE VEST  
Cost type STD

Cost element	Material cost	Labor cost	Var burd cost	Fix burd cost
COST	200.0000	5.0000	4.0000	3.0000
Percentage	%	%	%	%
FRGHT				
Percentage	10.00 %	%	10.00 %	1.00 %
HZMT				
Percentage	1.00 %	25.00 %	1.00 %	%
IMPRT				
Percentage	5.00 %	%	%	%
Total	232.0000	6.2500	4.4400	3.0300

CS15 Product VEST Warehouse KA Cost type STD Mode \_\_\_\_  
F3=Exit F10=Menu Bar

# General ledger

## Navigation enhancements

- iGL Summary Journal Entry link to journal

### General Ledger Journals

Displaying all entries within module Customer Order Close, f  
[Revise Search](#)

#### Display Options

Period	Journal	Description	Journal Source
01			
19/02	<a href="#">SA001</a>	SALES TRANSFER	

### General Ledger Summary Journal Entries

Displaying all entries related to journal SA001, found between fiscal periods 1902 and 1902.  
[Revise Search](#) | [Show Filters](#) | [Show Display Options](#)

#### Display Options

#### Filter Options [Clear Filters](#)

8 entries found. Displaying all entries.

View: [Browse View](#)

GL Account	Period	Journal	Account Description
<a href="#">01.000.117.101</a>	1902	<a href="#">SA001</a>	SEASONAL PROMOTIONS
<a href="#">01.000.117.201</a>	1902	<a href="#">SA001</a>	COMPETITIVE CONTRACT
<a href="#">01-00-110-000</a>	1902	<a href="#">SA001</a>	ACCOUNTS RECEIVABLE-TRADE
<a href="#">01-00-118-101</a>	1902	<a href="#">SA001</a>	PRICING PROMOTION ACCOUNT
<a href="#">01-00-550-000</a>	1902	<a href="#">SA001</a>	SHIPPING 01
<a href="#">01-00-940-100</a>	1902	<a href="#">SA001</a>	SALES TAX
<a href="#">01-10-400-000</a>	1902	<a href="#">SA001</a>	SALES-TRADE SALE 01
<a href="#">01-10-500-000</a>	1902	<a href="#">SA001</a>	COST OF GOODS SOLD COST 01

# General ledger

## Vendor and Customer names on inquiry


- Vendor name added to AP and PV journal displays
- Customer name added to SA and AR journal displays

**Friedman Corporation** ECS040C | [Logout](#) **Frontier:** [Home](#) **General Ledger** Sales Distribu

[Division\(s\):](#) 01  
[Warehouse\(s\):](#) 01, 03, 05, 06, 08, 10, 73, 77, AA, BC, LA, RT, RW, SW, UF

### General Ledger Journal Entry Detail

[Revise Search](#) | [Show Display Options](#)

**Display Options** 

**Detail for journal entry #2303**

**Entry Information**

Company:	01
Division:	01
Chart of Accounts:	BASE1
Fiscal Period Name:	BASE1

**Entries**

1 entry found.

ID#	Account	Alpha Code	Journal Source	Journal	Customer	Name	Invoice	Product	Transaction	Booking	Booking Initials	Transaction Amount
2303	01-00-118-101	PROMO	SALE	SA001	100000	JOE KING	<a href="#">011010022</a>		<div>Date: 5/24/19</div> <div>Period: 1905</div>	<div>Date: 6/6/19</div> <div>Period: 1906</div>	SLS200	\$ 4.98
<b>Running Total:</b>											\$ 4.98	



# Customer credit Navigation enhancement

- Customer Credit link to Division Master Maintenance

**Friedman Corporation** ECS040C | [Logout](#)

Division:  Customer:  [Order Hold Maintenance](#) [Dispute](#) [Division Customer Maintenance](#)

**O/E Contact**  
Name: Credit Region: WESTERN REGION CREDIT (01)  
Title: Salesperson: GCE44 (11)  
Phone: Customer Type: D  
Fax: Date Established: 04/26/12  
Email:  
Note:

**A/R Contact**  
Name:  
Title:  
Phone:  
Fax:  
Email:  
Note:

**Credit and Collection Maintenance**

**Corporate Summary** [Excel](#)

Alpha: 10000  
Name: JOE KING  
Address: NEW ADDRESS  
City: OPA LOCKA, FL 60015  
County: Country:

Total Open Orders	Total Open AR	Past Due	Credit Limit
<a href="#">\$19,014,701.24</a>	<a href="#">(\$3,529,485.32)</a>	<a href="#">(\$3,525,916.46)</a>	\$999,999.00

# Accounts receivable

## Bank account expanded (4.0.3)

- From 15 to 17 characters, to handle current larger customer account numbers
- Bank Information Maintenance (AR08)
  - Not in UI, yet

RADCUR2 BANK INFORMATION OK TO CHANGE 2/27/20 08:57:16

Customer 100000 AMERICAN MURPHY WINDOWS

F	Bank Code	Bank Account Code	Priority
-	ABC	10-10-10	-
-	DEF	20-20-20	-

AR08 Division 01 Sold to Customer 100000 Mode CHG  
F3=Exit F10=Menu Bar

# Accounts receivable

## UI Intercompany AR batches

- AR UI Apply Invoices can now do intercompany
  - Final “missing” feature from AR60 now in UI

### Apply Invoices

Active Batch:

Active Customer:

#### Settings

##### Batch Information

Batch Number 124270

Batch Amount

Batch Balance

Intercompany

☐

Lock Box

A

Batch Date 02/26/2020

+ New

Open

Save

Post

Cancel

Exit

# Sales revenue accounting

## Expense contract discounts

- What?
  - For specific contract price regimes, allow discounts to be booked (expensed) to the GL separately
- Why?
  - Isolate contract pricing discounts into appropriate GL account
- How?
  - NF68 “CP” Contract Price Reason code: attach GL alpha code
  - Reason code selected when locking a Contract Price on an order assigns GL account alpha to adjusted/discounted line items
    - Discount 1 alpha code gets set
  - Month End accounting distributes discount amount to GL account
    - Credit gross revenue      SALE\_wh
    - Debit sell discount      CP reason code alpha code
      - This is existing 4.0.0 function (EC50775)

# Inventory accounting

## PPV, RNV, CYC by product class (4.0.1)

- What?
  - Break-out purchase price variance, received-not-vouchered, and cycle count adjustment by product class
- Why
  - Better understanding of these variances in financial statements
- How? Alpha code changes:
  - DBC51434 cleans up existing chart

Old alpha code and search sequence	New alpha code and search sequence	
APPPV <sup>wh</sup> APPPV____ PPV_ <sup>twh</sup> PPV_ <sup>wh</sup> PPV____	PP <sup>pc</sup> <sup>twh</sup> PP____ <sup>twh</sup> PP <sup>pc</sup> _ <sup>wh</sup> PP____ <sup>wh</sup> PP____	<sup>pc</sup> = product class <sup>wh</sup> = (receiving) warehouse <sup>t</sup> = inventory category from inventory segment <sup>dv</sup> = division
RNV____ <sup>dv</sup> RNV____	RNV <sup>pc</sup> <sup>dv</sup> RNV____ <sup>dv</sup> RNV____	
CYC_ <sup>twh</sup> CYC_ <sup>wh</sup> CYC____	CY <sup>pc</sup> <sup>twh</sup> CY____ <sup>twh</sup> CY <sup>pc</sup> _ <sup>wh</sup> CY____ <sup>wh</sup> CY____	

# Inventory accounting

## Interplant gain/loss by product class

- What?
  - Inventory gain/loss alpha codes can now include product class
- Why?
  - Better visibility to cost discrepancies in financial statements
- How?
  - Interplant gain/loss alpha code has changed
  - Was **IGL\_twh** is now **GLpctwh**
    - **pc** = product class
    - **wh** = receiving warehouse
    - **t** = inventory category from inventory segment
  - DBC is available to update Account Master (ACP)

Search order:

GL**pctwh**

GL\_\_**twh**

GL**pc**\_**wh**

GL\_\_**wh**

GL\_**\_\_\_\_\_**



# Customer order sales tax

## Avalara AvaTax support

- What?
  - Provides support for **Avalara Avatax** as an alternative to traditional Frontier sales tax processing
    - Cloud-based
    - Supports US and Canadian tax regimes in all jurisdictions
    - Streamlines Sales Tax (SST) fully supported
    - Optional certificate management
    - Optional tax return filing
- Why?
  - Anyone selling across state boundaries needs sophisticated tax calculation and compliance solutions.
- How?
  - Sales tax substantially reworked in Frontier 4.1
  - New “plugin” architecture
    - Existing Frontier sales tax is now just another plugin

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