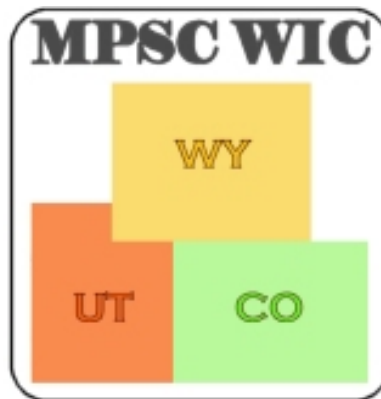

**Mountain Plains States Consortium
WIC System Project**

**DETAILED FUNCTIONAL DESIGN DOCUMENT
VM 5 VENDOR MANAGEMENT FOOD
BENEFITS SCREENS**

Presented to:



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Document Revisions

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1 Food Benefits (FI States Only)

The Food Benefits branch node in the Vendor Management navigation tree structure allows users to view FI information and to reissue an FI to a vendor.

1.1 FI Detail

The FI Detail allows the user to enter an FI Number for retrieval. This screen will be available to the system when the System.FoodBenefitDeliveryMethod system parameter is set to "FI." Once the Retrieve FI command button is selected, if the FI Number entered exists in the database, its corresponding data is returned. If the FI Number does not exist, then a notification is issued to the user.

> Food Benefits > FI Detail

<input type="button" value="Retrieve FI"/>	FI Number	<input type="text" value="22796181"/>
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Issuance Information	
First Date To Use: 07/11/2007	Proration: 2/3 Package
Last Date To Use: 08/10/2007	Override Reason:
FI Sequence #: 1	Mailed Indicator: No
Create Date: 06/11/2007	Mailed Reason:
Expiration Date: 09/11/2007	Bank Extract Date: 06/11/2007
Staff Member: ssmith	Direct Ship: No

Redemption Information	
Redeemed Date: 07/25/2007	Rejected Date:
Redeemed Amount: \$16.78	Rejected Amount:
Vendor: 82077	Rejected Code:
Walmart Supercenter #1241	Vendor Uses ACH: No
5811 Elmore Avenue	
Anytown, CO 52873	
(515) 555-1212	

FI Status	
Reissued to Participant: No	Void Date:
Reissued to Vendor: No	Void Code:
Original FI Number:	
Rebate Processed Date:	

Vendor Manager Only	
Average Price: \$17.25	Compliance Buy Indicator: No
NTE Amount: \$17.25	

Control	Description			
Retrieve FI	The Retrieve FI command button is used to retrieve the paper food instrument detail that matches the FI Number entered.			
	Type	Command Button		
	Hot Key	Alt + I		
FI Number	The FI Number being retrieved.			
	Type	Text Box		
	Required	Yes		
	Length	8		
	Validation	Numeric		
	Display Only	No	Calculated	No
	DB Column	FI.Nr		
<unlabelled> behind FI number	CVV Indicator – display 'CVV' if CVV FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.CashValueVoucherIn		
Issuance Information - First Date to Use	The earliest date that a paper FI can be used to purchase foods. For an original paper FI, this date is based on a system parameter. When paper FIs are reissued, the First Date to Use is controlled by another system parameter.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.FirstUseDt		

Control	Description			
Issuance Information - Last Date to Use	The last date the paper FI can be used to purchase foods.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.LastUseDt		
Issuance Information - FI Sequence Number	The Sequence Number of the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	2		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.FISeqNr		
Issuance Information - Create Date	The date the paper FI was created (printed).			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.CreateDt		
Issuance Information - Expiration Date	The date the paper FI did or could expire.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	Yes
	DB Column	FI.ExpirationDt		

Control	Description			
Issuance Information – Staff Member	The staff member’s User ID that issued the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	Yes
	DB Column	FI.Stfp_ID		
Issuance Information – Proration	This indicates if proration was used at the time the paper FI was issued or not and if so, to what degree was the proration.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	Yes
	DB Column	FI.ProrationCd		
Issuance Information – Override Reason	This indicates an override reason for why proration was not used if it could have been at the time the paper FI was issued.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	Yes
	DB Column	FI.ProrationOverrideCd		
Issuance Information - Mailed Indicator	Indicates that the paper FI was mailed. This indicator may have been set at the time of issuance or at a later time.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.CheckMailedRsnCd		

Control	Description			
Issuance Information - Mailed Reason	The reason the paper FI was mailed.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.CheckMailedRsnCd		
Issuance Information - Bank Extract Date	This is the date that the FI was included in the bank extract Issuance File.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankExtractDt		
Issuance Information - Direct Ship	This indicates whether an FI was direct ship or not.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.DirectShipIn		
Redemption Information - Redeemed Date	This is the date that the bank processing took place for the redeemed paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.RedemptionDt		

Control	Description			
Redemption Information - Redeemed Amount	This is the amount for which the paper FI was redeemed.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.RedemptionAmt		
Redemption Information - Vendor	The information about the Vendor that accepted the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of Vendor ID Vendor Name Vendor Address Vendor Phone Number		
	Display Only	Yes	Calculated	No
	DB Column	FI.Vend_ID		
Redemption Information - Rejected Date	This is the date that the payment was rejected for the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankRejectDt		

Control	Description			
Redemption Information - Rejected Amount	This is the amount of payment was rejected for the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankRejectAmt		
Redemption Information - Rejected Code	The reason the paper FI was rejected during the bank processing. If the paper FI is rejected more than once, only the most recent rejected code is displayed.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankRejectCd		
Redemption Information – Vendor Uses ACH	This indicates whether the vendor uses or participates in ACH processing.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	Yes
	DB Column	FI.Vend_ID		
FI Status - Reissued to Participant	Indicates the paper FI was reissued to the Participant. This includes all types of reissuance.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.ReissuedFIIn		

Control	Description			
FI Status - Reissued to Vendor	Indicates the paper FI was reissued to the Vendor.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.ReissuedToVendorIn		
FI Status - Original FI Number	If reissued, the original number of the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	8		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.OriginalFINr		
FI Status - Rebate Processed Date	The date the paper FI was included in the rebate processing.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.RebateProcDt		
FI Status - Void Date	If voided, the date the paper FI was voided.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.VoidDt		

Control	Description			
FI Status - Void Code	If voided, the reason the paper FI was voided.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.VoidReasonCd		
Vendor Manager Only – Average Price	This is the amount of the average price for the FI based on the vendor's peer group.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI. AveragePriceAmt		
Vendor Manager Only - Not to Exceed Amount	This is the maximum value for which this paper FI could be redeemed by the vendor. The Not to Exceed (NTE) amount is dependent on the peer group of the vendor that took the paper FI.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.NotToExceedAmt		
Vendor Manager Only - Compliance Buy Indicator	Indicates that the paper FI was printed for a participant within an Investigator Family. This paper FI was produced for a future compliance buy/investigation.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.ComplianceBuyIn		

Business Rules
<ol style="list-style-type: none"> 1. Display an error message if FI is not found. 2. Vendor Use ACH is set to Yes if the vendor has valid ACH information setup (i.e. routing number) otherwise it is set to No.

Developer Notes
<ol style="list-style-type: none"> 1. The FI Detail screen is also found in Clinic Services as a pop-up window (without Vendor Manager Only information). The screens are the very similar and code should be reusable. 2. The "Redemption Information - Vendor Address" is the physical address of the vendor.

1.2 Reissue FI to Vendor

The Reissue FI to Vendor screen is used to reissue a replacement paper FI when the original was previously rejected by the bank. This screen will be available to the system when the Vendor.UseReissuetoVendor system parameter is set to "Yes." When an FI is reissued to a vendor, a new FI is created with a new FI number, a first day to use equal to current date, and a last day to use that is a number of days in the future based on a system parameter.

> Food Benefits > Reissue FI to Vendor

<div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: 80px; text-align: center;">Retrieve FI</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: 80px; text-align: center;">Print</div>	FI # <input style="width: 100px;" type="text" value="84527965"/> Original FDTU: 11/1/2006 Payment Requested: \$10.43 Redemption Date: 11/20/2006 Peer Group NTE Amount: \$10.03 Peer Group Average Price: \$9.01 New FI #: 84536389 Pay Exactly Amount: <input style="width: 80px;" type="text" value="\$10.00"/>
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Control	Description
Retrieve FI	Clicking the Retrieve FI command button executes a search on the FI table using the FI number as its criteria.
	Type Command Button
	Hot Key Alt + I

Control	Description			
Print	Clicking the Print command button initiates the creation and printing of the replacement FI. The command button is not enabled until a valid FI has been retrieved and the Pay Exactly Amount is entered.			
	Type	Command Button		
	Hot Key	Alt + P		
FI #	The original FI number that is being replaced.			
	Type	Text Box		
	Required	Yes		
	Length	8		
	Validation	Numeric		
	Display Only	No	Calculated	No
	DB Column	FI.Nr		
Original FDTU	The first date to use of the retrieved (original) food instrument.			
	Type	Text Box		
	Required	No		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.FirstUseDt		
Payment Requested	The original redemption amount of the food instrument requested by the vendor.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankRejectAmt		
Redemption Date	The original redemption date of the food instrument.			
	Type	Text Box		
	Required	No		
	Length	NA		
	Validation	Mask of mm/dd/yyyy		
	Display Only	Yes	Calculated	No
	DB Column	FI.BankRejectDt		

Control	Description			
Peer Group NTE Amount	The amount of the NTE for the FI that was set during the original redemption. It was based on the vendor's peer group.			
	Type	Text Box		
	Required	No		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.NotToExceedAmt		
Peer Group Average Price	The amount of the average price for the FI that was set during the original redemption. It was based on the vendor's peer group. This is the amount of the replacement check.			
	Type	Text Box		
	Required	NA		
	Length	NA		
	Validation	Mask of \$999.99		
	Display Only	Yes	Calculated	No
	DB Column	FI.AveragePriceAmt		
New FI#	When printed, this is the new assigned FI number assigned to the original FI.			
	Type	Text Box		
	Required	No		
	Length	NA		
	Validation	NA		
	Display Only	Yes	Calculated	No
	DB Column	FI.Nr		
Pay Exactly Amount	This amount will be what is printed in the Pay Exactly box on the check. The field is not enabled until a valid FI has been retrieved.			
	Type	Text Box		
	Required	Yes, after a valid FI is retrieved		
	Length	Decimal 5.2, Mask of \$ZZ9.99		
	Validation	Numeric		
	Display Only	No	Calculated	No
	DB Column	NA		

Business Rules

1. Display an error message when FI is not found.
2. Display an error if the FI entered was found but is a 'Reissue FI to Vendor' type FI.
3. After the process defined in Step 4 below is completed, the Print command button is disabled. It is enabled again after another FI is retrieved successfully.
4. When the Print command button is clicked, the new FI # is assigned, the replacement FI is saved (associated to the original FI as a replacement FI), and is printed. After the print occurs, display the results, disable the Print and Pay Exactly Amount field.
5. Display an error if the Pay Exactly Amount entered is greater than the amount found in the system parameter, Finance.FIDefaultMaxAmount.

Developer Notes

- 1.


1.2.1 Paper FI Output (FI Only) (Static)

The following information is printed on the paper FI by the application: FI Number, Bank Account Number, First Date To Use, Last Date to Use, Local Agency-Clinic number, Participant Name (First Middle Last), Family ID, Pay Exactly Amount and a standard MICR line.

1.2.1.1 Language: English only

The printed paper FI is available in English only.

1.2.1.2 Printed Paper FI Mockup

 <p>State WIC Program Department of Health 123 Office Lane, Capitol City, State 88888 Phone: 1-800-555-7777</p>	75-1248	99999999
	919 Acct #: 05-21-164	First Date to Use: mm/dd/yyyy Last Date to Use: mm/dd/yyyy
<p>VOID IF VENDOR DOES NOT HAVE A VALID WIC CONTRACT NO SUBSTITUTIONS ALLOWED • VOID IF ALTERED</p>		
Clinic ID: Z9-ZZZZZ9 Name: First Middle Last Name Family ID: NNNNNNNN		PURCHASE DATE
Original FI: NNNNNNNNNN	PAY EXACTLY \$ZZ9.99	
PAYABLE THROUGH FSMC, AN AFFILIATE OF SECURITY STATE BANK HOWARD LAKE, MN 55343		AUTHORIZED SIGNATURE: ENDORSER
MICR line: xx9999999xx xx99999999xx xx999999xx		

Business Rules
<ol style="list-style-type: none"> When the Print command button is clicked, the new FI # is assigned, the new FI is printed and saved (associated to the original FI as a replacement FI). First Day to Use equal to current date Last Day to Use (and expiration date) equal to current date + value found in the system parameter, System.ReissuetoVendorLastDatetoUse. Local Agency-Clinic Number, Participant Name and Family ID will be retrieved based on the original check. The original FI number is placed where the first food item would have printed. It will be formatted: Original FI: <Original FI Number> . Pay Exactly Amount will be printed according to the values found in the Vendor.PayExactlyAmtHorizontalLoc and Vendor.PayExactlyAmtVerticalLoc. These values will be set according to where the Pay Exactly box is on the check. The Bank Account Number value is found in the system parameter FI.BankAccountNumberPrintedOnCheck. The Bank Routing Number value is found in the system parameter FI.BankRoutingNumberPrintedonCheck. The MICR line is comprised of the FI Number, Bank Routing Number, and the Bank Account Number. Print VOID across the face of the paper FI if the system parameter, System.RunSysteminTestMode is 'Yes'. This protects the printing in a testing or training environment.