



WHITE PAPER

TRIMIT Mapping Codeunit Calls BC13 – BC21

This document contains information about the Codeunit Call we had in BC13 and how they are named now in TRIMIT 22.2 for Microsoft Dynamics 365 Business Central 2022, Wave 2 (W1).

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INTRODUCTION

In this paper we will give an overview of the **Codeunit Calls** we had in TRIMIT BC13R2, and how the comparable **Event Subscribers** are called as of TRIMIT BC16 and therefore for TRIMIT 21.2, TRIMIT 22.1, TRIMIT 22.2 and beyond.

Until TRIMIT BC13R2, we used **Codeunit Calls** to give partners the opportunity to create customization in an easy way, without actually changing the original code. I.e.,

Edit - Codeunit Calls													
HOME ACTIONS NAVIGATE View List Edit List Show Used Activate Deactivate Copy From Show as List Show as Chart OneNote Notes Links Refresh Clear Filter Find													
Codeunit Calls 6038130 Object ID Limit totals: ENU													
General Language Filter: ENU													
O... Ty...	Object ID	Object Name	Field No.	Field Name	Codeunit Call	Code Type	CU Call Without Parameter	Codeunit	Codeunit Name	Formula	Caption	Field Caption	Comment
Table	6038130	Portal Basket Line Temp	0	Pos 1	-	-	☐	0					Called after a basket line has been initialized for the product page.
Table	6038130	Portal Basket Line Temp	0	Pos 2	-	-	☐	0					Called when a user requests a price calculation for an item.
Table	6038130	Portal Basket Line Temp	0	Pos 3	-	-	☐	0					Called with TRIMIT service sales line. All lines in the basket after new item(s) have been added
Table	6038130	Portal Basket Line Temp	0	Pos 4	-	-	☐	0					Item search from B2B and Sales Agent portal
Table	6038130	Portal Basket Line Temp	0	Pos 5	-	-	☐	0					Called by the GET_UNITPRICE function. I.e. override or add a before price on the item overview
Table	6038130	Portal Basket Line Temp	0	Pos 6	-	-	☐	0					Called when a line is deleted in the basket. Can be used to recalculate content etc.

As of TRIMIT BC16 we deleted our **Codeunit Call** functionality. They were replaced by using the Event Subscribers (Integration Events).

```
AL PortalBasketLineTemp.Table.al X
TRIMIT Development AS_TRIMIT_22.2.7155.5269_W1 > src > src > AL PortalBasketLineTemp.Table.al
3988     ....end;
3989
3990     ....[IntegrationEvent(false, false)]
3991     ....local procedure Pf_AfterCreateProductDataFlatItem(var portalBasketLineTemp_par: Record "trm Portal Basket Line Temp" tem
3992     ....begin
3993     ....end;
3994
3995     ....[IntegrationEvent(false, false)]
3996     ....local procedure Pf_AfterCreateProductDataWithVDO(var portalBasketLineTemp_par: Record "trm Portal Basket Line Temp" temp
3997     ....begin
3998     ....end;
3999
4000     ....[IntegrationEvent(false, false)]
4001     ....local procedure Pf_AfterCreateProductDataWithMatrix(var portalBasketLineTemp_par: Record "trm Portal Basket Line Temp" t
4002     ....begin
4003     ....end;
4004
4005     ....[IntegrationEvent(false, false)]
4006     ....local procedure Pf_AfterCalculatePriceOnMenu(var portalBasketLineTemp_par: Record "trm Portal Basket Line Temp" temporar
4007     ....begin
4008     ....end;
4009
4010     ....[IntegrationEvent(false, false)]
4011     ....local procedure Pf_AfterBasketLineInitializedForProductPage(var portalBasketLineTemp_par: Record "trm Portal Basket Line
4012     ....begin
4013     ....end;
4014
4015     ....[IntegrationEvent(false, false)]
4016     ....local procedure Pf_AfterItemSearchFromB2BAndSAPortal(var portalBasketLineTemp_par: Record "trm Portal Basket Line Temp"
4017     ....begin
4018     ....end;
```

In some cases, we also changed the Names of the original Publisher Function (Pf_xxxxx) in BC13 to the Event Subscriber (Onxxxxxx) as of BC16

IN TABLES

TABLE 36 SALES HEADER

Codeunit Call Position	Publisher Function Name	Description
CreditCeiling call		Removed. Call is now on Codeunit 6036669 event Pf_CalculateCustomizedCreditCeiling

TABLE 6038130 PORTAL BASKET LINE TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_AfterBasketLineInitializedForProductPage	Called after a Basket Line has been initialized for the Product Page.
Pos 2	Pf_AfterUserrequestsPriceCalcItem	Called when a user requests a Price Calculation for an Item.
Pos 3		Called with TRIMIT Service Sales Line. All lines in the Basket after new Item(s) have been added or Basket is updated.
Pos 4	Pf_AfterItemSearchFromB2BAndSAPortal	Item search from B2B and Sales Agent portal
Pos 5	Pf_AfterCalculatePriceOnMenu	Called by the GET_UNITPRICE function. I.e., override or add a before Price on the Item overview (Sales Agent/B2B) or calculate a % Reduction or add a code for CSS conditional display.
Pos 6	Pf_AfterLineDeletedInBasketOrRecalculateContent	Called when a Line is deleted in the Basket. Can be used to recalculate content, etc.

TABLE 6038131 PORTAL BASKET TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnInitializeNewOrder	Called when initializing Basket Order Info, etc.
Pos 2	Pf_OnSubmitCheckOrder	Called before saving an Order to disk.
Pos 3	Pf_OnAfterSavingBasketToDisk	After saving Basket to disk
Pos 4		Calling make Order from submitted Order.
Pos 5	Pf_OnProcessBasketChanges	Parameter = 6036470 TRIMIT Service Sales Line. Called when a Basket Line is added, or Basket Lines have been changed in Quantity from the Order page (update Basket)
Pos 6	Pf_OnAfterInsert	Called from OnAfterInsert (OnAfterInsert:=TRUE)
Pos 7	Pf_OnBeforeSubmitPageRender	Called before Submit page Render - e.g., calculate Payment Amount, etc.

TABLE 6038132 PORTAL MENU TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforeSendCategoryStructure	Before sending a Category Structure
Pos 2	Pf_OnGeneratingCategoryStructure	Called when generating the Basket Categories (rec is 6038122).

TABLE 6038133 PORTAL CUSTOMER HANDLING TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnCreatingACustomerFromSAPortal	Called when creating a Customer from the Sales Agent portal.
Pos 2	Pf_OnGeneratingCustomerListSAPortal	Called when generating the Customer List on a Sales Agent portal.
Pos 3	Pf_AfterPopulatingCustomerListSAPortal	Called after populating Customer List on Sales Agent portal
Pos 4	Pf_PortalUserSelectAlternativeStoredDeliveryAddress	Called when a Portal User can select an alternative stored Delivery Address. The dataset is temporary and placed in 6038145 so adding or deleting will not have any impact on stored Addresses.

TABLE 6038134 PORTAL SALESDOC HAND TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGetSalesHeaderList	Documents
Pos 2	Pf_OnGetSalesImportJnlHeaderList	Documents
Pos 3	Pf_OnGetSalesCrMemoHeaderList	Documents
Pos 4	Pf_OnGetHistoryOrderList	Documents
Pos 5	Pf_OnGetOrderListB2C	Documents
Pos 6	Pf_OnCopyTemplateList	Called with Document List for B2C (rec is 6038134).
Pos 7	Pf_OnGetTemplateList	Called from generating Template List

TABLE 6038135 PORTAL PRINT PDF TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_PrinterParamNotStdRecognized	

TABLE 6038141 B2C BASKET TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnInitBasket	Called by starting a new B2C order.
Pos 2	Pf_OnAfterInsert	Called after any insert action: add to basket, update, submit.

TABLE 6038145 PORTAL SHIP-TO HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGetDeliveryAddresses	Called when a portal user can select an alternative stored Delivery Address. The dataset is temporary and placed in 6038145 so adding or deleting will not have any impact on stored Addresses.

TABLE 6038146 PAYMENT TRANSACTION TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_PostPaymentPrelog	Called when a Payment Transaction is updated from Payment Provider (table is 6038180).
Pos 2	Pf_PayingOrderDirectlyFromOrdersList	Called with temporary record 6038146 when Paying for an Order directly from the Orders List. Alter the Amount to Pay by setting the field Payment Amount
Pos 3	Pf_PayingOrderDirectlyFromPostedInvoiceList	Called with temporary record 6038146 when Paying for an Order directly from the Posted Invoice list. Alter the Amount to Pay by setting the field Payment Amount

TABLE 6038147 PORTAL PRODUCT SYNC TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGenerateList	Called with full set of B2C Item Data for synchronization.

TABLE 6038150 PORTAL PURCHASE HEADER

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGetCheckIn	Called when checking-in a Purchase Document from the Supplier Portal.

TABLE 6038171 PORTAL PRODUCT DATA TEMP

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGetProductInfo	Generating basic Product Info for B2C.
Pos 2	Pf_GeneratingB2CVariantSelectionOnXYAxis	Called on generating B2C Variant selection based on Y-/X-Axis (rec is 6036484)

TABLE 6038175 PORTAL STORE LOCATOR

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnGetStores	

CODEUNITS

CODEUNIT 21 ITEM JNL.-CHECK LINE

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos1	Pf_OnBeforeCheckItemJnlLine	Parameter = Item Jnl. Line	OnBeforeCheckLocation Standard BC Event Subscriber

CODEUNIT 60 SALES-CALC. DISCOUNT

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
First	Pf_OnBeforeCalcSalesDiscount	Parameter = Sales Line	OnBeforeCalcSalesDiscount
Last	Pf_OnAfterCalcSalesDiscount	Parameter = Sales Line	OnAfterCalcSalesDiscount

CODEUNIT 80 SALES-POST

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1	Pf_OnAfterInsertSalesInvoiceHeader	Called by new created Invoice Header as parameter.	OnAfterSalesInvHeaderInsert
Pos 2	Pf_OnAfterInsertSalesCreditmemoHeader	Called by new created Credit Memo Header as parameter.	OnAfterSalesCrMemoHeaderInsert
Pos 3	OnBeforePostSalesDoc, OnBeforePostLines	Called by Sales Header as parameter before Shipment/Invoicing.	Standard BC Event Subscribers
Pos 4	Pf_OnBeforeInitSalesShipmentLine	Called with temporary Sales Line as parameter	OnBeforeInsertShipmentLine
Pos 5	Pf_OnAfterShippingAndInvoicing	Called by Sales Header as parameter after Shipment/Invoicing.	OnAfterPostSalesDoc
Pos 6	Pf_OnAfterInsertSalesShipmentLine	Called by Shipment Line as parameter.	OnAfterSalesShptLineInsert
Pos 8	OnAfterPostSalesDoc, OnAfterPostSalesDocDropShipment	Called by Sales Header as parameter after Shipment/Invoicing	Standard BC Event Subscribers
Pos 9	Pf_OnAfterInsertSalesShipmentHeader	Parameter = Sales Shipment Header	OnAfterSalesShptHeaderInsert
Pos 10 + 11	Pf_OnAfterInsertSalesInvoiceLine	Called with new created Invoice Line as parameter	OnAfterSalesInvLineInsert
Pos 11 + 12	Pf_OnAfterInsertSalesCreditMemoLine	Called with new created Credit Memo Line as parameter.	OnAfterSalesCrMemoLineInsert

CODEUNIT 86 SALES-QUOTE TO ORDER

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1 + Pos 2	Pf_OnAfterInsertSalesHeader	Parameter = Temporary Sales Header	Pf_OnAfterInsertSalesHeader
Pos 2	OnBeforeCopySalesLines	Parameter = Sales Quote, after insert Sales Header, before moving of Lines	OnBeforeCopySalesLines
Pos 3	Pf_OnAfterInsertSalesLine	Parameter = Temporary Sales Line	Pf_OnAfterInsertSalesLine
Pos 6	Pf_OnAfterPostPostSalesQuoteToOrder	Parameter = Sales Header	Pf_OnAfterPostPostSalesQuoteToOrder

CODEUNIT 90 PURCH.-POST

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1	Pf_OnBeforeInsertPurchaseInvoiceHeader	Parameter = Purchase Inv. Header	OnAfterInsertPostedHeaders
Pos 2	Pf_OnBeforeInsertPurchaseReceiptHeader	Parameter = Purch. Rcpt. Header, just before insert	OnBeforePurchRcptHeaderInsert
Pos 3	Pf_OnBeforeInsertPurchaseInvoiceLine	Parameter = Purchase Invoice Line	OnPostPurchLineOnBeforeInsertInvoiceLine
Pos 4	Pf_OnBeforeInsertPurchaseCreditMemoLine	Parameter = Purchase Cr. Memo Line	OnBeforePurchCrMemoLineInsert
Pos 5	Pf_OnBeforeModifyPurchaseHeaderAtFinalizePosting	Called by Purchase Header as parameter after Receipt/Invoicing.	OnFinalizePostingOnBeforeUpdateWarehouseDocuments
Pos 6	Pf_OnBeforeInsertPurchaseCreditMemoHeader	Parameter = Purchase Cr. Memo Header	OnBeforePurchCrMemoHeaderInsert

CODEUNIT 246 ITEM JNL.-EXPLODE BOM

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1	Pf_OnAfterInsertItemJnournalLines	Parameter = Item Jnl. Line	

CODEUNIT 414 RELEASE SALES DOCUMENT

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1	OnBeforeReopenSalesDoc	Parameter = Sales Header, Before Reopen	Standard BC Event Subscriber
Pos 2	OnBeforeReleaseSalesDoc	Parameter = Sales Header, Before Release	Standard BC Event Subscriber
Pos 3	OnAfterReopenSalesDoc	Parameter = Sales Header, After Reopen	Standard BC Event Subscriber
Pos 4	OnAfterReleaseSalesDoc	Parameter = Sales Header, After Release	Standard BC Event Subscriber

CODEUNIT 415 RELEASE PURCHASE DOCUMENT

Codeunit Call Position	Publisher Function Name BC13	Description	Event Subscriber Name as of BC16
Pos 1	OnBeforeReopenPurchaseDoc	Parameter = Sales Header, Before Reopen	Standard BC Event Subscriber
Pos 2	OnBeforeReleasePurchaseDoc	Parameter = Sales Header, Before Release	Standard BC Event Subscriber
Pos 3	OnAfterReopenPurchaseDoc	Parameter = Sales Header, After Reopen	Standard BC Event Subscriber
Pos4	OnAfterReleasePurchaseDoc	Parameter = Sales Header, After Release	Standard BC Event Subscriber

CODEUNIT 442 SALES-POST PREPAYMENTS

Codeunit Call Position	Publisher Function Name	Description	Event Subscriber Name as of BC16
Pos 1	OnAfterCheckPrepmtDoc	Parameter = Sales Header	Standard BC Event Subscriber

CODEUNIT 5704 TRANSFERORDER-POST SHIPMENT

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforePostShipment	Parameter = Transfer Header

CODEUNIT 5705 TRANSFERORDER-POST RECEIPT

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforePostTransferReceipt	Parameter = Transfer Header

CODEUNIT 6620 COPY DOCUMENT MGT.

Codeunit Call Position	Publisher Function Name	Description
Pos 1 + Pos 2	Pf_OnBeforeInsertCopyToSalesLine	Parameter = From Sales Line, before new Sales Line is inserted
Pos 3	Pf_OnAfterCopySalesHeader	Parameter = To Sales Header
Pos 4	Pf_OnAfterUpdateSalesLine	Parameter = To Sales Line, before new Sales Line is inserted

CODEUNIT 6036575 INTERCOMPANY HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnAfterCreationOfIntercompanyPurchaseOrder	Parameter = Purchase Header
Pos 2	Pf_OnAfterCreationOfIntercompanySalesOrder	Parameter = Sales Header

CODEUNIT 6036660 CUSTOMER/SALESPERSON RELATION

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_CallGenCustomerPositiveListLast	

CODEUNIT 6036669 TRIMIT SALES HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 4	Pf_CalculateCustomizedCreditCeiling	Credit Limit Check T311 Credit Limit Check mark true

CODEUNIT 6036729 COMPLAINT HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforeCreateDocuments	Parameter = Complaint Header

CODEUNIT 6036780 PICK HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforePrePostPickHeader	Parameter = Pick Header
Pos 2	Pf_OnAfterPrePostPickHeader	Parameter = Pick Header
Pos 3	Pf_OnBeforePostSalesHeader	Parameter = Sales Header
Pos 4	Pf_OnBeforePrePostPickPerOrder	Parameter = Sales Header
Pos 5	Pf_OnAfterPrePostPickPerOrder	Parameter = Sales Header

CODEUNIT 6037000 TRIMIT INVENTORY HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 2	Pf_OnAfterTransferCalcUnitCostToStandardCost	Parameter = Item

CODEUNIT 6037035 UNIT COST CALCULATION

Codeunit Call Position	Publisher Function Name	Description
First	Pf_GenerateCalcBuffer	

CODEUNIT 6037038 GENERATE BOM STRUCTURE

Codeunit Call Position	Publisher Function Name	Description
First	Pf_SetReorderQtyGenBOM	Parameter = Call Set Reorder Qty. Gen. BOM

CODEUNIT 6037121 VARDIM ORDER HANDLING

Codeunit Call Position	Publisher Function Name	Description
	Pf_OnAfterVarDimOrderCreated	
First,Last Modify	Pf_SaveRecordsIfVarDimOrderExist	
First,Last Insert	Pf_SaveRecordsIfVarDimOrderNotExist	
Pos 1	Pf_OnBeforeEditvarDimOrder	Parameter = Sales Line
Pos 2	Pf_OnAfterEditvarDimOrder	Parameter = Sales Line
Pos 3	Pf_OnEditVarDimOrderBeforeRelatedOrderCreation	Parameter = VarDim Order, after call of Page, before generating Item

CODEUNIT 6037308 PROD. ORDER HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnAfterTaskNo	Parameter = Task No.
Pos 2	Pf_OnBeforePostFinishing	Parameter = Prod. Header
Pos 3	Pf_OnAfterStatusSetToPlanned	Parameter = Prod. Header
Pos 4	Pf_OnBeforeDeleteProductionLine	Parameter = Prod. Line

CODEUNIT 6037320 PROD. COLLECT. ORDERS HANDLING

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnBeforePostFinish	Parameter = Prod. Collecting Header

CODEUNIT 6037326 MRP JOB QUEUE

Codeunit Call Position	Publisher Function Name	Description
	Pf_OnBeforeMRPBatchLoop	
Pos 1	Pf_OnBeforeMRPBatchRun	Parameter = MRP Action Journal Batch, Before MRP Run
Pos 2	Pf_OnAfterMRPBatchRun	Parameter = MRP Action Journal Batch, After MRP Run
	Pf_OnAfterMRPBatchLoop	

CODEUNIT 6037330 MRP

Codeunit Call Position	Publisher Function Name	Description
Procedure CalcSales	Pf_OnBeforeCalcSales	

PAGES**PAGE 6038433 FM CHECK TRANSACTION**

Codeunit Call Position	Publisher Function Name	Description
Pos 1	Pf_OnApproveYes	