



# SANA COMMERCE 9.3

MICROSOFT DYNAMICS AX 2012 CHANGES



## INTRODUCTION

This document contains information about the modified and new objects in **Microsoft Dynamics AX 2012**, which relate to the data model. Here you can find the description of the new and modified maps, classes, forms and other objects that are used to gather, process and display data from the tables.

## MODIFIED TABLES

The table below provides the description and code changes of the modified tables in Microsoft Dynamics AX, including the fields.

Table Name	Field ID	Field Name	Type	Description
BOM	60014	SC_VisibleInWebShop	Enum	BOM components visibility in webshop
Method name		Type	Description	
initValue()		Event subscription added	Event handler class: SC_EventsHandler Method: initValue_BOM	

Table Name	Field ID	Field Name	Type	Description
CommissionSalesRep				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_CommissionSalesRep	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_CommissionSalesRep	

Table Name	Field ID	Field Name	Type	Description
ContactPerson	60002	SC_LastModified	Real	Last date/time modified
Method name		Type	Description	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_ContactPerson	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_ContactPerson	
updateLastModifiedDate()		New	Update Last Modified Date on contact	

Table Name	Field ID	Field Name	Type	Description
Currency	60003	SC_VisibleInWebshop	Enum	Currency visibility in webshop
Method name		Type	Description	

Table Name	Field ID	Field Name	Type	Description
CustInvoiceJour	60008	SC_BillToName	String	Bill to name
CustInvoiceJour	60009	SC_Comments	String	Comments
CustInvoiceJour	60010	SC_PaymentMethod	String	Payment method name
CustInvoiceJour	60011	SC_SanaOrder	Enum	Sana order

Method name	Type	Description
initFromSalesTable()	Event subscription added	Event handler class: SC_EventsHandler Method: initFromSalesTable_Invoice
Insert()	Event subscription added	Event handler class: WHSCustInvoiceJourEventHandler Method: insertJourLoadTable

Table Name	Field ID	Field Name	Type	Description
CustPackingSlipJour	60007	SC_BillToName	String	Bill to name
CustPackingSlipJour	60008	SC_Comments	String	Comments
CustPackingSlipJour	60009	SC_PaymentMethod	String	Payment method name
CustPackingSlipJour	60010	SC_SanaOrder	Enum	Sana order

  

Method name	Type	Description
initFromSalesTable()	Event subscription added	Event handler class: SC_EventsHandler Method: initFromSalesTable_PackSlip

Table Name	Field ID	Field Name	Type	Description
CustTable	60026	SC_B2cCustomer	Enum	Determines whether a customer is B2C
CustTable	60027	SC_ImportCustNum	String	Sana customer number
CustTable	60028	SC_LastModified	Real	Last date/time modified
CustTable	60034	SC_IsGuest	Enum	Define whether a customer is a guest

  

Method name	Type	Description
initValue()	Event subscription added	Event handler class: CustTableEventHandler_BR Method: postInitValueHandler_BR
insert()	Event subscription added	Event handler class: SC_EventsHandler Method: updatePre_CustTable
update()	Event subscription added	Event handler class: SC_EventsHandler Method: update_CustTable
updatePre()	Event subscription added	Event handler class: SC_EventsHandler Method: updatePre_CustTable
updateLastModifiedDate()	New	Update Last Modified Date on customer
vr_validateCurrency()	New	Validation rule method

Table Name	Field ID	Field Name	Type	Description
DirOrganizationName				

  

Method name	Type	Description
update()	Event subscription added	Event handler class: SC_EventsHandler Method: update_DirOrganizationName

Table Name	Field ID	Field Name	Type	Description
DirPersonName				

  

Method name	Type	Description
modifiedField()	Event subscription added	Event handler class: SC_EventsHandler Method: modifiedField_DirPersonName



Table Name	Field ID	Field Name	Type	Description
DirPartyLocation				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DirPartyLocation	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DirPartyLocation	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DirPartyLocation	

Table Name	Field ID	Field Name	Type	Description
DocuRef	60002	SC_VisibleInWebShop	Enum	Attachments visibility in webshop
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DocuRef	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DocuRef	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_DocuRef	

Table Name	Field ID	Field Name	Type	Description
EcoResCategory	20518	SC_VisibleInWebshop	Enum	Category visibility in webshop
Method name		Type	Description	
modifiedField()		Event subscription added	Event handler class: SC_EventsHandler Method: modifiedField_EcoResCategory	

Table Name	Field ID	Field Name	Type	Description
EcoResProductCategory				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductCategory	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductCategory	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductCategory	

Table Name	Field ID	Field Name	Type	Description
EcoResProductMasterColor	20567	SC_SortNumColor	Integer	Sorting number
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	

Table Name	Field ID	Field Name	Type	Description
EcoResProductMasterConfiguration	20568	SC_SortNumConfig	Integer	Sorting number
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	

Table Name	Field ID	Field Name	Type	Description
EcoResProductMasterSize	20569	SC_SortNumSize	Integer	Sorting number
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	

Table Name	Field ID	Field Name	Type	Description
EcoResProductMasterStyle	20570	SC_SortNumStyle	Integer	Sorting number
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductMaster	

Table Name	Field ID	Field Name	Type	Description
EcoResProductRelationTable	60001	SC_SortNum	String	Sorting number
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductRelationTable	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductRelationTable	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductRelationTable	

Table Name	Field ID	Field Name	Type	Description
EcoResProductTranslation				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductTranslation	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductTranslation	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_EcoResProductTranslation	

Table Name	Field ID	Field Name	Type	Description
EcoResTextValue	20543	EcoResTextValue	Int64	Translations of the value of the Text data type for the attributes
Method name		Type	Description	

Table Name	Field ID	Field Name	Type	Description
ECPPresentation				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_ECPPresentation	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_ECPPresentation	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_ECPPresentation	

Table Name	Field ID	Field Name	Type	Description
HcmWorker	60001	SC_LastModified	Real	Last date/time modified
Method name		Type	Description	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_HcmWorker	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_HcmWorker	
updateLastModifiedDate()		New	Update Last Modified Date on worker	

Table Name	Field ID	Field Name	Type	Description
InventDimCombination	60001	SC_VisibleInWebShop	Enum	Item visibility in the webshop
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventDimCombination	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventDimCombination	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventDimCombination	
updateAllVariants()		New	Update webshop visibility for all product variants	

Table Name	Field ID	Field Name	Type	Description
InventItemBarcode				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemBarcode	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemBarcode	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemBarcode	

Table Name	Field ID	Field Name	Type	Description
InventItemGroup	60002	SC_SortNum	Integer	Sorting number
InventItemGroup	60003	SC_VisibleInWebshop	Enum	Item group visibility in the webshop
		Delete action	New	SC_InventGroupTxt, Cascade

Table Name	Field ID	Field Name	Type	Description
InventItemSalesSetup				
Method name		Type	Description	
delete()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemSalesSetup	
insert()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemSalesSetup	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: update_InventItemSalesSetup	

Table Name	Field ID	Field Name	Type	Description
InventTable	60026	SC_LastModified	Real	Last date/time modified
InventTable	60027	SC_VisibleInWebShop	Enum	Item visibility in the webshop
Method name		Type	Description	
calcData()		New	Calculate the unit price, list price and inventory for a product or return the error message if any exists.	
displayLastMDateTime()		New	Method to Display LastM Date Time	
modifiedFieldValue()		Event subscription added	Event handler class: SC_EventsHandler Method: modifiedFieldValue_InventTable	
update()		Event subscription added	Event handler class: SC_EventsHandler Method: updatePre_InventTable	
vr_checkInventSalesUnits()		New	Validation rule for invent/sales unit field.	
updateLastModifiedDate()		New	Method to update the Last Modified Date	

Table Name	Field ID	Field Name	Type	Description
MarkupTable	60004	SC_MarkupCode	String	For internal use

Table Name	Field ID	Field Name	Type	Description
PriceDiscTable				
Method name	Type	Description		
delete()	Event subscription added	Event handler class: SC_EventsHandler Method: update_PriceDiscTable		
insert()	Event subscription added	Event handler class: SC_EventsHandler Method: update_PriceDiscTable		
update()	Event subscription added	Event handler class: SC_EventsHandler Method: update_PriceDiscTable		

Table Name	Field ID	Field Name	Type	Description
ReturnReasonCode	60001	SC_VisibleInWebshop	String	Reason code visibility in webshop

Table Name	Field ID	Field Name	Type	Description
SalesLine	60027	SC_SuppAttachRecId	Int64	Supplementary Attached item RecId
SalesLine	60023	SC_SupplItem	Enum	Supplementary item
SalesLine	60026	SC_SupplItemTableRecId	Int64	Supplementary item table RecId
Method name	Type	Description		
initFromSalesQuotationLine()	Event subscription added	Event handler class: SC_EventsHandler Method: initFromSalesQuotationLine_Sales		

Table Name	Field ID	Field Name	Type	Description
SalesQuotationLine	60017	SC_SuppAttachRecId	Int64	Supplementary Attached item RecId
SalesQuotationLine	60016	SC_SupplItem	Enum	Supplementary item
SalesQuotationLine	60018	SC_SupplItemTableRecId	Int64	Supplementary item table RecId

Table Name	Field ID	Field Name	Type	Description
SalesQuotationTable	60033	SC_AuthorizationStatus	String	Approval status of the order placed by the customer with the sub-account role.
SalesQuotationTable	60012	SC_BillToName	String	Bill to name
SalesQuotationTable	60013	SC_Comments	String	Comments
SalesQuotationTable	60014	SC_DateReceived	Date	Sana order date received
SalesQuotationTable	60015	SC_FieldsDictionary	String	Raw XML data
SalesQuotationTable	60031	SC_IsPersistedBasket	Enum	Persisted basket
SalesQuotationTable	60032	SC_IsPromotable	Enum	Quotation can be converted to order from a webshop.
SalesQuotationTable	60016	SC_OrderId	String	Sana order number
SalesQuotationTable	60017	SC_PaymentMethod	String	Payment method name
SalesQuotationTable	60018	SC_PaymentStatus	String	Payment method status
SalesQuotationTable	60019	SC_PaymentTransactionId	String	Payment transaction ID
SalesQuotationTable	60034	SC_PickupLocationAddress	String	Pickup location address
SalesQuotationTable	60035	SC_PickupLocationId	String	Pickup location ID
SalesQuotationTable	60020	SC_PromotionAmount	Real	Promotion discount amount



SalesQuotationTable	60021	SC_PromotionCode	String	Promotion code
SalesQuotationTable	60022	SC_PromotionDiscPercent	Real	For internal use
SalesQuotationTable	60023	SC_PromotionTitle	String	Promotion title
SalesQuotationTable	60024	SC_PromotionType	Enum	Promotion type
SalesQuotationTable	60025	SC_PromotionValue	Real	Promotion discount value
SalesQuotationTable	60026	SC_SanaOrder	Enum	Sana quotation
SalesQuotationTable	60027	SC_ShipmentMethodName	String	Sana shipment method name
SalesQuotationTable	60028	SC_ShopAccountCode	String	Sell-to shop account e-mail
SalesQuotationTable	60029	SC_TimeReceived	Time	Sana order time received
SalesQuotationTable	60030	SC_WebShopId	String	Webshop ID
Method name	Type	Code / Description		
calcPromotion()	New	Calculate promotion from the webshop and merge it with a total discount.		
modifiedField()	Event subscriptions added	Event handler class: SalesQuotationTableType Method: postModifiedFieldHandler_BR Event handler class: SC_EventsHandler Method: modifiedField_SalesQuotationTable		
validateWrite()	Event subscriptions added	Event handler class: SC_EventsHandler Method: validateWrite_SalesQuotationTable		

Table Name	Field ID	Field Name	Type	Description
SalesTable	60020	SC_AuthorizationStatus	String	Approval status of the order placed by the customer with the sub-account role.
SalesTable	60021	SC_BillToName	String	Bill to name
SalesTable	60022	SC_Comments	String	Comments
SalesTable	60023	SC_DateReceived	Date	Sana order date received
SalesTable	60024	SC_FieldsDictionary	String	Raw XML data
SalesTable	60025	SC_IsPersistedBasket	Enum	Persisted basket
SalesTable	60026	SC_OrderId	String	Sana order number
SalesTable	60027	SC_PaymentMethod	String	Payment method name
SalesTable	60028	SC_PaymentStatus	String	Payment method status
SalesTable	60029	SC_PaymentTransactionId	String	Payment transaction ID
SalesTable	60051	SC_PickupLocationAddress	String	Pickup location address
SalesTable	60050	SC_PickupLocationId	String	Pickup location ID
SalesTable	60030	SC_PromotionAmount	Real	Promotion discount amount
SalesTable	60031	SC_PromotionCode	String	Promotion code
SalesTable	60032	SC_PromotionDiscPercent	Real	For internal use
SalesTable	60033	SC_PromotionTitle	String	Promotion title
SalesTable	60034	SC_PromotionType	Enum	Promotion type
SalesTable	60035	SC_PromotionValue	Real	Promotion discount value
SalesTable	60036	SC_SanaOrder	Enum	Sana order
SalesTable	60037	SC_ShipmentMethodName	String	Sana shipment method name
SalesTable	60038	SC_ShopAccountCode	String	Sell-to shop account e-mail

SalesTable	60039	SC_TimeReceived	Time	Sana order time received
SalesTable	60040	SC_WebShopId	String	Webshop ID
Method name		Type	Code / Description	
calcPromotion()		New	Calculate promotion from the webshop and merge it with a total discount.	
initFromCustInvoiceJour_Sales		Event subscriptions added	Event handler class: SC_EventsHandler Method: initFromCustInvoiceJour_Sales	
initFromSalesQuotationTable()		Event subscriptions added	Event handler class: SC_EventsHandler Method: initFromSalesQuotationTable_Sales	

Table Name	Field ID	Field Name	Type	Description
SalesTableDelete	60002	SC_OrderId	String	Sana order number
SalesTableDelete	60001	SC_SanaOrder	Enum	Sana order
Method name		Type	Description	
initFromSalesTable()		Event subscription added	Event handler class: SC_EventsHandler Method: initFromSalesTable_SalesTableDelete	

Table Name	Field ID	Field Name	Type	Description
UnitOfMeasure	60001	SC_VisibleInWebShop	Enum	Unit of measure visibility in the webshop

## NEW TABLES

The table below provides the list of the new tables in Microsoft Dynamics AX, including the fields:

Table Name	Field ID	Field Name	Type	Description
SC_AddressCountryRegionSetup	60004	CountryRegionId	String	Country Region Id
SC_AddressCountryRegionSetup	60001	TemplateCustomer	String	Customer template
SC_AddressCountryRegionSetup	60002	VisibleInWebshop	Enum	Country visibility in the webshop
SC_AddressCountryRegionSetup	60005	WebShopId	String	Webshop name
SC_DataValidationRulesLine	60001	ErrorTxt	String	Error message
SC_DataValidationRulesLine	60002	Operator	Enum	Operator
SC_DataValidationRulesLine	60003	ValidationFieldId	Integer	Field ID
SC_DataValidationRulesLine	60004	ValidationTableId	Integer	Table ID
SC_DataValidationRulesLine	60005	Value	String	Value
SC_DataValidationRulesTable	60001	Active	Enum	Determines whether the validation rule is activated
SC_DataValidationRulesTable	60002	ValidationTableId	Integer	Table ID
SC_FilterWebShopsTable	60001	FieldName	String	Field name
SC_FilterWebShopsTable	60002	FilterStr	String	Filter string
SC_FilterWebShopsTable	60003	WebShopId	String	Webshop ID
SC_FilterWebShopsTable	60004	TableName	String	Table name
SC_InventGroupTxt	60001	ItemGroupId	String	Item group ID
SC_InventGroupTxt	60002	LanguageId	String	Specifies the language the text is used in
SC_InventGroupTxt	60003	Txt	String	Specifies text in the current language
SC_ItemVisibilityRulesTable	60001	AccountCode	Enum	Account code
SC_ItemVisibilityRulesTable	60002	AccountRelation	String	Account selection
SC_ItemVisibilityRulesTable	60003	ItemCode	Enum	Item code
SC_ItemVisibilityRulesTable	60004	ItemRelation	String	Item relation
SC_ItemVisibilityRulesTable	60005	Mode	Enum	Mode
SC_ItemVisibilityRulesTable	60006	WebShopId	String	Webshop ID
SC_LanguageParametersTable	60001	LanguageId	String	Language ID
SC_LanguageParametersTable	60002	LocaleId	Integer	Windows language ID
SC_ManualProcessRequestsTable	60001	FileAccessedDate	Date	File date last accessed
SC_ManualProcessRequestsTable	60002	FileCreatedDate	Date	File date created
SC_ManualProcessRequestsTable	60003	FileModifiedDate	Date	File date last modified
SC_ManualProcessRequestsTable	60004	FileName	String	File name
SC_ManualProcessRequestsTable	60005	FilePath	String	File path
SC_ManualProcessRequestsTable	60006	FileSize	Integer	File size
SC_ManualProcessRequestsTable	60007	FileType	String	File type
SC_ManualProcessRequestsTable	60008	UserId	String	User ID
SC_ManualRequestsSetupTable	60001	ExtReqTool	String	Request external tool

SC_ManualRequestsSetupTable	60002	ExtResTool	String	Response external tool
SC_ManualRequestsSetupTable	60003	OutputDir	String	Response output directory
SC_ManualRequestsSetupTable	60004	UserId	String	User ID
SC_ParametersTable	60008	Culture	String	Default culture (language culture name)
SC_ParametersTable	60003	EnableLog	Enum	Enable logging
SC_ParametersTable	60005	FileLogPath	String	Logging output directory
SC_ParametersTable	60009	IncludeProcessDuration	Enum	Include request processing duration
SC_ParametersTable	60006	Key	Integer	Index key
SC_ParametersTable	60007	UpdateThreshold	String	Update product threshold
SC_WebShopsTable	107273	B2CRegistrationType	Enum	B2C customers registration type Person\Organization
SC_WebShopsTable	60001	CategoryHierarchy	Int64	Product category hierarchy
SC_WebShopsTable	60002	DayRange	Integer	Day range within which Microsoft Dynamics AX checks the customer's order history for the shopping cart suggestions.
SC_WebShopsTable	60003	DefaultItemSalesTaxGroup	String	Default item sales tax group
SC_WebShopsTable	60043	DefaultPrice	Enum	Define which price to use as a list price
SC_WebShopsTable	60004	DefaultLocationId	String	Default location
SC_WebShopsTable	60005	DefaultSiteId	String	Default site
SC_WebShopsTable	60006	DisableAlternativeItems	Enum	Disable alternative products
SC_WebShopsTable	60007	DisableAttributes	Enum	Disable product attributes
SC_WebShopsTable	60008	DisableBOM	Enum	Disable BOM components
SC_WebShopsTable	60009	DisableMultilineDiscounts	Enum	Disable multiline discount calculation
SC_WebShopsTable	60037	DisablePriceDisc	Enum	Disable retail discount for price
SC_WebShopsTable	60010	DisableSupplItems	Enum	Disable supplementary items
SC_WebShopsTable	60011	DisableTax	Enum	Disable tax calculation
SC_WebShopsTable	60012	DisableTieredCharges	Enum	Disable tired charges calculation
SC_WebShopsTable	60013	DisableTotalDiscounts	Enum	Disable total discounts calculation

SC_WebShopsTable	60014	DisableUOM	Enum	Disable UOM conversion
SC_WebShopsTable	60015	EnableDocAttachments	Enum	Enable document attachment downloads
SC_WebShopsTable	60016	EnableProdAttachments	Enum	Enable product attachment downloads
SC_WebShopsTable	60017	EnableProdCategories	Enum	Enable product categories
SC_WebShopsTable	60018	EnableReports	Enum	Enable report downloads
SC_WebShopsTable	60019	EnableRetail	Enum	Use retail discounts for order calculation and skip all sales discounts.
SC_WebShopsTable	60036	EnableRetailAssortments	Enum	Maintain retail assortments
SC_WebShopsTable	60038	GuestNumberSequence	String	Guest customer account number sequence
SC_WebShopsTable	60020	LookbackYears	Integer	The number of lookback years for Microsoft Dynamics AX to check the customer's order history for the shopping cart suggestions
SC_WebShopsTable	60040	OffsetLedgerAccountType	Enum	Offset account type
SC_WebShopsTable	60039	OffsetLedgerCompany	String	Offset company accounts
SC_WebShopsTable	60041	OffsetLedgerDimension	Int64	Offset account
SC_WebShopsTable	60042	OffsetLedgerTxt	String	Offset transaction text
SC_WebShopsTable	60021	OrderNumberSequence	String	Sales order
SC_WebShopsTable	60022	OrderType	Enum	Order type (order, quotation, journal)
SC_WebShopsTable	60011	OverrideCustDim	Enum	Override customer dimension
SC_WebShopsTable	60025	PaymentLedgerDimension	Int64	Payment cost account
SC_WebShopsTable	60047	PostAutoInvoicePayment	Enum	Post invoice payments automatically
SC_WebShopsTable	60046	PostAutoPrepayment	Enum	Post prepayments automatically
SC_WebShopsTable	60017	QuoteNumberSequence	String	Quotation
SC_WebShopsTable	60027	QuotePromotableDefault	Enum	All quotations can be converted into orders directly from the webshop
SC_WebShopsTable	60012	RetailStore	String	Identification of retail store
SC_WebShopsTable	60013	RetailTerminalId	String	Identification of retail POS terminal
SC_WebShopsTable	60024	ShippingLedgerDimension	Int64	Shipping cost account



SC_WebShopsTable	60031	SortingOption	Enum	Determines which products based on the customer's order history should be shown as suggested
SC_WebShopsTable	60014	StockCalculationType	Enum	Inventory calculation method
SC_WebShopsTable	60006	TemplateCustAccount	String	Template customer code
SC_WebShopsTable	60028	SyncOrderType	Enum	Synchronized basket type that is used only with the order processing strategy optimized for large orders
SC_WebShopsTable	60005	TemplateCustAccount	String	Template customer code
SC_WebShopsTable	60006	TemplatePaymentCode	String	Payment method code
SC_WebShopsTable	60007	WebshopId	String	Webshop ID

## MODIFIED MAPS

The table below provides the description of the modified maps:

Map ID	Map Name	Description
313	PriceDiscHeading	Added promotion calculation and promotion field mapping.
Method name	Type	Code
updateFinalDisc()	Event subscription added	Event handler class: SC_AXDataServiceClien_Events Method: updateFinalDisc_PriceDiscHeading

## NEW EXTENDED DATA TYPES

The table below provides the description of the new extended data types:

Extended Data Type ID	Extended Data Type Name	Description
103759	SC_Code	Code for identification
103760	SC_Comments	Order comments
103761	SC_FieldName	Inventory table field name
103762	SC_LargeText	Alternative text for the element
103763	SC_WebshopId	Webshop name

## NEW BASE ENUMS

The tables below provide the description of the new and modified base enums:

Base Enum ID	Base Enum Name	Description
101233	SC_AccountType	Webshop account type
101234	SC_AllowDeny	Permission type used to allow or deny enum
101909	SC_B2CRegistrationType	New customer registration type
101235	SC_DiscountType	Promotion discount type
101654	SC_SalesType	Sales Order type (order, quotation, journal)
101716	SC_SortingOption	Identification of sort type
101237	SC_TableGroup	Enum type of the field relation
101809	SC_TableGroupCategory	Enum type of the field relation
101238	SC_ValidationOperator	Criteria operator
101908	SC_DefaultPrice	Define which price to use as a list price

## NEW DISPLAY MENU ITEMS

The tables below provide the description of the new display menu items:

Display Menu Items Name	Description
SC_About	About Sana
SC_CustInvoiceJournalWebshop	Sana invoices
SC_CustPackingSlipJournalWebshop	Sana Packing slips
SC_DataValidationRules	Data validation rules
SC_DefaultDataWizard	Sana Startup Wizard
SC_InventGroupTxt	Invent group translations
SC_InventItemCombinationInfo	Product combination information overview
SC_InventItemInfoDetail	Webshop catalog overview
SC_ItemVisibilityRules	Customer assortment
SC_LogisticsAddressSetup	Country\region setup
SC_ManualProcessRequests	Manual process requests
SC_Parameters	Sana parameters
SC_ProductDimensionSorting	Automatic product dimension sorting
SC_ReturnTableListPageWebshop	Sana return orders
SC_SalesQuotationListPageDeclined	Sana declined quotations
SC_SalesQuotationListPagePending	Sana pending quotations
SC_SalesQuotationListPageWebshop	Sana quotations
SC_SalesQuotationListPagePersisted	Sana draft quotations
SC_SalesTableDeleteWebshop	Sana deleted orders
SC_SalesTableListPageDeclined	Sana declined orders
SC_SalesTableListPagePending	Sana pending orders
SC_SalesTableListPageWebshop	Sana sales orders

SC_SalesTableListPagePersisted	Sana draft sales orders
SC_WebshopPerformance	Webshop performance optimization
SC_WebShops	Webshops
SC_WebShopsFilters	Webshops filters

## LICENSE CODES

The table below provides the description of the new license codes:

License Code ID	License Code Name	Description
100001	SC_SanaWebshop	Sana Commerce license code

## CONFIGURATION KEYS

The table below provides the description of the new configuration keys:

Configuration Key ID	Configuration Key Name	Description
100072	SC_SanaCommerce	Main Sana Commerce solution configuration key

## NEW MACROS

Macros Name	Description
SANA	Sana macros which makes statements easy to reuse

## NEW AND MODIFIED CLASSES

The tables below provide the description of the new and modified classes.

### MODIFIED CLASSES

Class ID	Class Name	Description
1018881	RetailSMB	Applies to Retail Essentials only
Method name	Type	Code
UpdateAreaPages	Changed	Show Retail Essentials area page when RetailSMB is enabled

Class ID	Class Name	Description
524	SalesFormLetter	Sales form letter
Method name	Type	Code
validate()	Event subscription added	Event handler class: SC_EventsHandler Method: validate_SalesFormLetter

Class ID	Class Name	Description
534	SalesLineType	Update sales line
Method name	Type	Code
initFromTmpSuppltem()	Event subscription added	Event handler class: SC_EventsHandler Method: initFromTmpSuppltem_Sales
setSuppLine()	New	Set line as supplementary

Class ID	Class Name	Description
687	SalesQuotationLineType	Update quotation line
Method name	Type	Code
initFromTmpSuppltem()	Event subscription added	Event handler class: SC_EventsHandler Method: initFromTmpSuppltem_Quote
setSuppLine()	New	Set line as supplementary

Class ID	Class Name	Description
540	SalesTableType	Set and validate the new fields for SalesTable.
Method name	Type	Code
modifiedField()	Event subscription added	Event handler class: SC_EventsHandler Method: modifiedField_SalesTableType
validateWrite()	Event subscription added	Event handler class: SC_EventsHandler Method: validateWrite_SalesTableType

## NEW CLASSES

Class ID	Class Name	Description
1023823	SC_About	About Sana Commerce
1023833	SC_AXDataServiceClient	Main Sana Commerce solution class
1023834	SC_AXDataServiceClient_Common	Used to retrieve information about entities (fields, relation between fields, etc.)
1023835	SC_AXDataServiceClient_Customer	Contains functions for processing customers and salespeople
1023836	SC_AXDataServiceClient_Order	Contains functions for retrieving sales documents (orders, quotes, etc.)
1023837	SC_AXDataServiceClient_Product	Contains functions for catalog subsystem (products, categories, variants, etc.)
1023838	SC_AXDataServiceClient_Settings	Contains functions for retrieving settings (currency, region, etc.)
1023830	SC_DefaultDataWizard	Sana Commerce wizard
1023831	SC_EventsHandler	Events handler for Sana Commerce subscriptions
1023832	SC_ManualRequestsSetup	Manual request tool

## NEW AND MODIFIED FORMS

The tables below provide the description of the new and modified forms.

### MODIFIED FORMS

Form Name	Description	
ContactPersonLookup	Added filter for the contacts with customers only.	
Method name	Type	Code
classDeclaration()	Changed	<pre>//Sana Commerce --&gt;     boolean                customly; //Sana Commerce &lt;--</pre>
init()	Changed	<pre>//Sana Commerce --&gt;     QueryBuildDataSource   qbd; //Sana Commerce &lt;-- ... //Sana Commerce --&gt;     if(customly)     {         qbd = contactPerson_ds.queryBuildDataSource().addDataSource(tableNum(CustT able));         qbd.addLink(fieldNum(ContactPerson, ContactForParty), fieldNum(CustTable, Party));     } //Sana Commerce &lt;--</pre>
onlyCustRelated()	New	<pre>//Sana Commerce --&gt; void onlyCustRelated(boolean _customly=false) {     customly = _customly; } //Sana Commerce &lt;--</pre>



Form Name	Description	
CustTable	New field was added.	
Method name	Type	Code / Description
Design	Changed	New field 'IsB2cCustomer' is added to the group Name.

Form Name	Description	
Currency	Currency visibility in the webshop is added.	
Method name	Type	Code / Description
Design	Changed	New field 'Visible in webshop' is added to the group Name.

Form Name	Description	
EcoResAttributeValue	Add possibility catch attribute translations for enum.	
Method name	Type	Code / Description
attributeChanged()	Changed	<pre>//Sana Commerce --&gt; this.setTranslatedValue(EcoResAttributeType, newEcoResTextValue); //Sana Commerce &lt;--</pre>
enumerationChanged()	Changed	<pre>//Sana Commerce --&gt; this.setTranslatedValue(EcoResAttributeType, ecoResValue_EcoResTextValue); //Sana Commerce &lt;--</pre>
setTranslatedValue()	New	<pre>//Sana Commerce --&gt; private void setTranslatedValue(EcoResAttributeType _ecoResAttributeType, EcoResTextValue _ecoResTextValue) {     EcoResEnumerationAttributeTypeValue enumerationAttributeTypeValue;     EcoResTextValue ecoResTextValueLocal;     ;      select firstOnly Value from enumerationAttributeTypeValue     where enumerationAttributeTypeValue.AttributeType == _ecoResAttributeType.RecId     join TableId from ecoResTextValueLocal     where ecoResTextValueLocal.TextValue == _ecoResTextValue.TextValue &amp;&amp;         ecoResTextValueLocal.RecId == enumerationAttributeTypeValue.Value;      ttsBegin;     _ecoResTextValue.selectForUpdate(true);     _ecoResTextValue.SC_TranslatedTextValue = enumerationAttributeTypeValue.Value;     _ecoResTextValue.update();     EcoResValue_ds.reread();     ttsCommit; } //Sana Commerce &lt;--</pre>

Form Name	Description	
EcoResCategory	Product categories visibility in the webshop is added.	
Method name	Type	Code / Description
Design	Changed	New field 'Visible in webshop' is added to the group Name.

Form Name	Description	
EcoResProductVariantsPerCompany	Added variant visibility option.	
Method name	Type	Code / Description
Datasource inventDimCombination new()	Changed	<i>//Sana Commerce</i>  InventDimCombination::updateVisibility(inventDimCombination); inventDimCombination_ds.reread(); <i>//Sana Commerce</i>
Design	Changed	New field is added to the GridVariants grid and to the DetailsHeader group.

Form Name	Description	
SysAbout	Added Sana Commerce information.	
Method name	Type	Code / Description
Design	Changed	Group Links was extended with the Sana button.
clicked()	New	void clicked() { super(); SC_About::main(new Args()); }

Form Name	Description	
EcoResProductRelation	Added new sorting field.	
Method name	Type	Description
Design	Changed	New custom field 'Sorting no.' is added to the grid.

Form Name	Description	
LogisticsAddressSetup	Added the country template and visibility option for the webshop.	
Method name	Type	Description
Design	Changed	New group SanaCommerce with two new fields 'Visible in webshop' and 'Customer template' are added to the GridCountry grid.

Form Name	Description	
ReturnTable	Added the new tab 'E-Commerce' with the Sana comments, promotion and order fields.	
Method name	Type	Description
Design	Changed	New tab page Ecommerce is added to the HeaderDetailsTab tab with three new groups and custom fields.

Form Name	Description	
SalesQuotationTable	Added the new tab 'E-Commerce' with the Sana comments, promotion and order fields.	
Method name	Type	Description
Design	Changed	New tab page Ecommerce is added to the HeaderDetailsTab tab with three new groups and custom fields. Three new custom fields are added to the Payment group.

Form Name	Description	
SalesTable	Added the new tab 'E-Commerce' with the Sana comments, promotion and order fields.	
Method name	Type	Description
Design	Changed	New tab page Ecommerce is added to the HeaderDetailsTab tab with three new groups and custom fields. Three new custom fields are added to the Payment group.

Form Name	Description	
InventTableInventoryDimensionGroups	Added update last date modified item.	
Method name	Type	Description
Design	Changed	New button group DefineLanguages and new menu item button EcoResProductTranslationAction are added to the ActionPaneTab. New group SanaCommerce with two fields 'Visible in webshop' and 'Sorting no.' are added to the Setup group.

Form Name	Description	
InventItemGroup	Added item group translation, visibility and sorting for the webshop.	
Method name	Type	Description
Design	Changed	New button group DefineLanguages and new menu item button EcoResProductTranslationAction are added to the ActionPaneTab. New group SanaCommerce with two fields 'Visible in webshop' and 'Sorting no.' are added to the Setup group.

Form Name	Description	
EcoResProductDetailsExtended	Added product visibility for the webshop and last modified date.	
Method name	Type	Description
Design	Changed	New group SANA with two fields 'Visible in webshop' and 'Last date/time modified' are created.
Form Name	Description	
EcoResProductMasterDimension	Added dimension sorting for the webshop.	
Method name	Type	Description
Design	Changed	New fields SC_SortNumSize, SC_SortNumConfig, SC_SortNumColor, SC_SortNumStyle are added to the grids.

Form Name	Description	
UnitOfMeasure	Added unit of measure visibility for the webshop.	
Method name	Type	Description
Design	Changed	New group SANA with the field 'Visible in webshop' is added.

## NEW FORMS

Form Name	Description
SC_About	Information about Sana Commerce solution and its version.
SC_DataValidationRules	Data validation rules which validate table data.
SC_DefaultDataWizard	Sana Commerce startup wizard which guides through the Sana Commerce setup and helps to configure the main settings.
SC_IntegrityCheck	Integrity check to validate webshop settings.
SC_InventGroupTxt	Translations for inventory groups.
SC_InventItemCombinationInfo	Item combination information overview.
SC_InventItemInfoDetail	Webshop catalog overview which shows sales item information details for the webshops.
SC_ItemVisibilityRules	Customer assortment used to set product visibility rules for individual customers or customer groups.
SC_LogisticsAddressSetup	Make country\region visible for webshop.
SC_ManualProcessRequests	Manual process requests used to get response from manually requested XML file.
SC_Parameters	Webshop parameters, like logging, default storage dimension and language mapping.
SC_ProductDimensionSorting	Used to manage product dimension sorting.
SC_WebshopPerformance	Used to manage webshop performance.
SC_WebShops	Used to create and manage webshop.
SC_WebShopsFilters	Used to set filters for the webshop catalog.

## NEW AND MODIFIED QUERIES

### MODIFIED QUERIES

Query Name	Description
SalesQuotationListPage	Changed to hide draft Sana quotations.
SalesTableListPage	Changed to hide draft Sana orders.

### NEW QUERIES

Query Name	Description
SC_CustInvoiceJounalWebshop	Used to select Sana invoices.
SC_CustPackingSlipJournalWebshop	Used to select Sana delivered orders.
SC_ReturnTableListPageWebshop	Used to select Sana return orders.
SC_SalesQuotationListPageWebshop	Used to select Sana quotation orders.
SC_SalesQuotationListPageDeclined	Used to select Sana declined quotations.
SC_SalesQuotationListPagePending	Used to select Sana pending quotations.
SC_SalesQuotationListPagePersisted	Used to select Sana persisted quotations.
SC_SalesTableDeleteWebshop	Used to select Sana deleted orders.

SC_SalesTableListPageWebshop	Used to select Sana sales orders.
SC_SalesTableListPageDeclined	Used to select Sana declined orders.
SC_SalesTableListPagePending	Used to select Sana pending orders.
SC_SalesTableListPagePersisted	Used to select Sana persisted orders.

## NEW AND MODIFIED MENUS

### MODIFIED MENU

Menu Name	Description
MainMenu	Added Sana Commerce 'Webshop' menu to the main Microsoft Dynamics AX menu

### NEW MENU

Menu Name	Description
SC_Webshop	Sana Commerce 'Webshop' menu

### NEW MENU ITEMS

Menu Item Name	Description
SC_About	Used to view about Sana info.
SC_CustInvoiceJournalWebshop	Used to view Sana invoices.
SC_CustPackingSlipJournalWebshop	Used to view Sana delivered orders.
SC_DataValidationRules	Data validation rules that validate table data for response
SC_DefaultDataWizard	Sana Commerce startup wizard that guides through Sana Commerce configuration
SC_IntegrityCheck	Integrity check to validate webshop settings.
SC_InventGroupTxt	Translations used to create or update the item group descriptions in different languages
SC_InventItemCombinationInfo	Product combination information overview
SC_InventItemInfoDetail	Webshop catalog overview
SC_ItemVisibilityRules	Customer assortment allows to configure product visibility rules
SC_ManualProcessRequests	Manual process requests used to get response from manually requested XML file
SC_Parameters	Webshop parameters
SC_ProductDimensionSorting	Product dimension sorting
SC_ReturnTableListPageWebshop	Used to view Sana return orders.
SC_SalesQuotationListPageWebshop	Used to view Sana quotation orders.
SC_SalesQuotationListPagePersisted	Draft quotations
SC_SalesQuotationListPageDeclined	Declined quotations.
SC_SalesQuotationListPagePending	Pending quotations.
SC_SalesTableDeleteWebshop	Used to view Sana deleted orders.
SC_SalesTableListPageWebshop	Used to view Sana sales orders.
SC_SalesTableListPagePersisted	Draft orders



SC_SalesTableListPageDeclined	Declined orders.
SC_SalesTableListPagePending	Pending quotations.
SC_WebshopPerformance	Webshop functionality options.
SC_WebShops	Webshops
SC_WebShopsFilters	Webshop filters

## NEW SERVICES

The table below provides the description of the new service:

Service Name	Description
SC_AXDataServiceClient	Used to connect Microsoft Dynamics AX 2012 AIF web service with the Sana Commerce framework.

## SECURITY

### MODIFIED PRIVILEGES

Privilege Name	Description
InventItemGroupMaintain	Added entry point to the product group translation form

### NEW PRIVILEGES

Privilege Name	Description
SC_AXDataServiceClient	Sana Commerce web service
SC_DataValidationRules	Data validation rules
SC_DefaultDataWizard	Sana Commerce startup wizard
SC_InventItemCombinationInfo	Product combination information overview
SC_InventItemInfoDetail	Webshop catalog overview
SC_ItemVisibilityRules	Customer assortment
SC_ManualProcessRequests	Manual process requests
SC_Parameters	Sana Commerce parameters
SC_WebshopOrders	Open list of sales orders
SC_WebShops	Manage webshops

### NEW DUTIES

Duty Name	Description
SC_SanaSetup	Sana Commerce setup
SC_Workflow	Sana Commerce workflow

## NEW ROLES

Role Name	Description
SC_WebshopManager	Sana Commerce webshop manager role used to manage webshops, products, orders and accounts for Sana Commerce solution

## MODIFIED PROCESS CYCLES

Process Cycle Name	Description
InventAccounting	Added duties for Sana Commerce workflow and setup

## NEW RESOURCES

Resource Name	Description
SC_AboutImg	Sana Commerce about file
SC_SanaImg	Sana Commerce logo file

## NEW LABEL FILES

Label File Name	Description
SCL	Sana Commerce label file

## ABOUT SANA COMMERCE

Sana provides ERP integrated B2B e-commerce platforms for wholesalers, distributors and manufacturers. With over 100 partners worldwide and more than 125 people across six offices, more than 1000 web stores run seamlessly thanks to Sana Commerce. Sana offers a complete set of additional services that are essential to run your online business successfully, such as advice on Search Engine Optimization (SEO), online marketing, hosting, online payment providers and graphic design.

Sana is a Gold Microsoft Partner, SAP partner, Certified for Microsoft Dynamics NAV & AX and certified for SAP integration.

Europe (HQ) +31 10 243 6030  
USA (646) 362-0432  
info@sana-commerce.com  
www.sana-commerce.com

DACH +43 664 501 0780  
UK & Ireland +44 7921 859911  
APAC +62 812 811 8 7964



**SAP® Certified**  
Powered by SAP NetWeaver®

**SAP® Certified**  
SAP Business One Integration

**SAP® Certified**  
Integration with Applications on SAP HANA®