SYSDEV
mobile
computing

MSS – Extension

Functions MSS → Kalipso

Contents

1. Menu Button Kalipso

Configure a button in MSS menu to execute something in Extension project.
Must configure in the button a Function code which MSS will send to extension project.

Extension action set = EXT_BTN_KAL
>   **Input Parameters:**
>   inFunctionCode – Code configured in the button;
>   inSelectedRoute – Code of the selected route;
>   inSelectedSubRoute – Code of the selected sub route;
>   inSelectedCustomer – Code of the selected customer;
>   inSelectedDeliveryPlace – Code of the selected delivery location;

2. Get Price in Kalipso

When MSS tries to get a price and discounts when adding a new product to a document will try to get it from the extension project.

Extension action set = EXT_PRC_GETPRICE
>   **Input Parameters:**
>   inDocumentType – Type of the current document;
>   inCustomerCode – Code of the selected customer;
>   inArticleCode – Code of the selected article;
>   inQuantity – Current quantity;
>   inDeliveryLocationCode – Code of the selected delivery location;
>   inHeaderUserField1 – Value of user field 1 from document;
>   inHeaderUserField2 – Value of user field 2 from document;
>   inHeaderUserField3 – Value of user field 3 from document;
>   inCustomerPriceLine – Selected Price line;
>   inLineType – Code of line type (N – Normal, D – Return, … check MSS documentation for full list);
>   inACL – Aditional columns needed to calculate the price;
>   inUnit – Unit selected;
>   **Output parameters:**
>   outResultCode – Return code: 1 – Done / 0 – Error;
>   outprice – Calculated price;
>   outDiscount1 – Calculated discount 1;
>   outDiscount2 – Calculated discount 2;
>   outDiscount3 – Calculated discount 3;
>   outDiscount4 – Calculated discount 4;
>   outPriceCode – Code of calculated price;
>   outDiscount1Code – Code of calculated discount 1;
>   outDiscount2Code – Code of calculated discount 2;
>   outDiscount3Code – Code of calculated discount 3;
>   outDiscount4Code – Code of calculated discount 4;
>   outUserField1 – Aditional field 1(not used);
>   outUserField2 – Aditional field 2(not used);
>   outUserField3 – Aditional field 3(not used);
>   outVATIncluded – If the calculated price has VAT included or not (must return S - VAT included or N – Not included);
>   outVATTax – VAT tax applied;

3. Entity selection in Kalipso

When MSS tries to select a customer, a prospect or a supplier will try to get it from the extension project.

Extension action set = EXT_CLI_SELECT
> **Input Parameters:**
> inSelectedRoute – Code of the selected route;
> inSelectedSubRoute – Code of the selected sub route;
> inEntityType – Type of entity (C – Customer / P – Prospect / F - Supplier);
> inDocumentType – Code of the selected document (used in the selection inside a document);
> inEntityCodeToSelect – Code of pre-selected customer;
> **Output parameters:**
> outEntityCode – Code of the selected entity (empty when no selection was made);
> outEntityName – Name;

4. Article selection in Kalipso

When MSS tries to select an article will try to get it from the extension project.

Extension action set = EXT_ART_SELECT
> **Input Parameters:**
> inArticleFilter – Filter to be applied to the articles list (provided by MSS);
> inCardexCode – Code of the cardex loaded in the document;
> **Output parameters:**
> outArticleCode – Code of the selected article (empty when no selection was made);
> outArticleName – Name;

5. 100 - (Clients) Clients Module

Event Before – Extension action set = EXT_0100_1_Before
Will be executed before MSS open the customers module;

Event Replace – Extension action set = EXT_0100_2_Replace
Will replace MSS customers module (can be used to validate if normal MSS module opens using outOpenMSSModule);
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0100_3_After
Will be executed after closing the customers module;

6. 102 - (Clients)New Client

Event Before – Extension action set = EXT_0102_1_Before
Will be executed before MSS opens the customer screen to create a new record;

Event Replace – Extension action set = EXT_0102_2_Replace
Will replace MSS customer screen to create a new record;
> **Output Parameters:**
> outNewCustomerCreated – Return code: 1 – Customer created / 0 – User canceled;
> outNewCustomerCode – Code of the customer created;

Event After – Extension action set = EXT_0102_3_ After
Will be executed after the creation of the new customer;
> **Input Parameters:**
> inNewCustomerCode – Code of the created customer;

7. 104 - (Clients)Duplicate Client

Event Before – Extension action set = EXT_0104_1_Before

Will be executed before MSS opens the customer screen to create a new record by duplication;

Input Parameters:

inOriginCustomerCode – Code of the customer to duplicate from;

Event Replace – Extension action set = EXT_0104_2_Replace

Will replace MSS customer screen to create a new record;

Input Parameters:

inOriginCustomerCode – Code of the customer to duplicate from;

Output Parameters:

outNewCustomerCreated – Return code: 1 – Customer created / 0 – User canceled;

outNewCustomerCode – Code of the customer created;

Event After – Extension action set = EXT_0104_3_ After

Will be executed after the creation of the new customer;

Input Parameters:

inOriginCustomerCode – Code of the customer duplicated from;

inNewCustomerCode – Code of the created customer;

8. 120 - (Clients->Delivery Place) New Client Delivery Place

Event Before – Extension action set = EXT_0120_1_Before

Will be executed when clicking on Add new delivery location in the Customer record before opening MSS delivery location screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0120_2_Replace

Will replace MSS delivery location screen when adding a new delivery location;

Input Parameters:

inCustomerCode – Code of the selected customer;

Output Parameters:

outDeliveryLocationWasCreated – Return code: 1 – Delivery location created / 0 – Error or user canceled;

outNewDeliveryLocationCode – Code of delivery location created;

Event After – Extension action set = EXT_0120_3_ After

Will be executed after the creation of the new delivery location;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

9. 121 - (Clients->Delivery Place) Modify Client Delivery Place

Event Before – Extension action set = EXT_0121_1_Before

Will be executed when clicking on Modify delivery location in the Customer record before opening MSS delivery location screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

Event Replace – Extension action set = EXT_0121_2_Replace

Will replace MSS delivery location screen when modifying a delivery location;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

Output Parameters:

outDeliveryLocationWasModified – Return code: 1 – Delivery location modified / 0 – Error or user canceled;

Event After – Extension action set = EXT_0121_3_ After

Will be executed after the modification of the delivery location;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

10. 122 - (Clients->Delivery Place) See Client Delivery Place

Event Before – Extension action set = EXT_0122_1_Before

Will be executed when clicking on See delivery location in the Customer record before opening MSS delivery location screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

Event Replace – Extension action set = EXT_0122_2_Replace

Will replace MSS delivery location screen when opening a delivery location details;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

Event After – Extension action set = EXT_0122_3_ After

Will be executed after the modification of the delivery location;

Input Parameters:

inCustomerCode – Code of the selected customer;

inDeliveryLocationCode – Code of the created delivery location;

11. 151 - Clients)General Information

Event Before – Extension action set = EXT_0151_1_Before

Will be executed before showing MSS screen with general information from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0151_2_Replace

Will replace MSS screen with general information from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0151_3_ After

Will be executed after showing the general information screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

12. 152 - Clients)Commercial Information

Event Before – Extension action set = EXT_0152_1_Before

Will be executed before showing MSS screen with commercial information from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0152_2_Replace

Will replace MSS screen with general information from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0152_3_ After

Will be executed after showing commercial information screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

13. 153 - Clients)Observations (only Smartphone)

Event Before – Extension action set = EXT_0153_1_Before

Will be executed before showing MSS screen with observations from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0153_2_Replace

Will replace MSS screen with observations from customer;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0153_3_ After

Will be executed after showing observations screen;

Input Parameters:

inCustomerCode – Code of the selected customer;

14. 154 - Clients)User Fields

Event Before – Extension action set = EXT_0154_1_Before
Will be executed before showing MSS screen with user fields from customer;
  Input Parameters:
  inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0154_2_Replace
Will replace MSS screen with user fields from customer;
  Input Parameters:
  inCustomerCode – Code of the selected customer;
  inUserField1 – User field 1 content;
  inUserField2 – User field 2 content;
  inUserField3 – User field 3 content;
  inUserField4 – User field 4 content;
  inUserField5 – User field 5 content;
  inUserField6 – User field 6 content;
  inUserField7 – User field 7 content;
  inUserField8 – User field 8 content;
  inUserField9 – User field 9 content;
  inUserField10 – User field 10 content;
  inUserField11 – User field 11 content;
  inUserField12 – User field 12 content;
  inUserField13 – User field 13 content;
  inUserField14 – User field 14 content;
  inUserField15 – User field 15 content;
  inUserField16 – User field 16 content;
  inUserField17 – User field 17 content;
  inUserField18 – User field 18 content;
  Output Parameters:
  outUserField1 – User field 1 content;
  outUserField2 – User field 2 content;
  outUserField3 – User field 3 content;
  outUserField4 – User field 4 content;
  outUserField5 – User field 5 content;
  outUserField6 – User field 6 content;
  outUserField7 – User field 7 content;
  outUserField8 – User field 8 content;
  outUserField9 – User field 9 content;
  outUserField10 – User field 10 content;
  outUserField11 – User field 11 content;
  outUserField12 – User field 12 content;
  outUserField13 – User field 13 content;
  outUserField14 – User field 14 content;
  outUserField15 – User field 15 content;
  outUserField16 – User field 16 content;
  outUserField17 – User field 17 content;
  outUserField18 – User field 18 content;

Event After – Extension action set = EXT_0154_3_ After
Will be executed after showing user fields screen;
  Input Parameters:
  inCustomerCode – Code of the selected customer;

15.   155 - Clients)Localization

Event Before – Extension action set = EXT_0155_1_Before
Will be executed before showing MSS screen with the localization from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0155_2_Replace
Will replace MSS screen with the localization from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0155_3_ After
Will be executed after showing the localization screen;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

16.   156 - Clients)Delivery Places List

Event Before – Extension action set = EXT_0156_1_Before
Will be executed before showing MSS screen with the delivery places list from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0156_2_Replace
Will replace MSS screen with the delivery places list from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0156_3_ After
Will be executed after showing the delivery places list screen;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

17.   157 - Clients)Contacts List

Event Before – Extension action set = EXT_0157_1_Before
Will be executed before showing MSS screen with the contacts list from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0157_2_Replace
Will replace MSS screen with the contacts list from customer;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0157_3_ After
Will be executed after showing the contacts list screen;
>>**Input Parameters:**
>>inCustomerCode – Code of the selected customer;

18. 158 - Clients)New Visit Report

Event Before – Extension action set = EXT_0158_1_Before

Will be executed before opening the new visit report screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0158_2_Replace

Will replace MSS screen to create a new visit report;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0158_3_ After

Will be executed after closing the new visit report screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

19. 159 - Clients)Documents List

Event Before – Extension action set = EXT_0159_1_Before

Will be executed before opening the documents list screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0159_2_Replace

Will replace MSS screen with the documents list;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0159_3_ After

Will be executed after closing the documents list screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

20. 160 - Clients)Balance / New Receipt

Event Before – Extension action set = EXT_0160_1_Before
Will be executed before opening the balance / new receipt screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0160_2_Replace
Will replace MSS screen to show balance / create a new receipt;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0160_3_ After
Will be executed after closing the balance / new receipt screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

21. 161 - Clients)New Order

Event Before – Extension action set = EXT_0161_1_Before
Will be executed before opening the new order screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0161_2_Replace
Will replace MSS screen to create a new order;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0161_3_ After
Will be executed after closing the new order screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

22. 162 - Clients)New Sale

Event Before – Extension action set = EXT_0162_1_Before
Will be executed before opening the new sale screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0162_2_Replace
Will replace MSS screen to create a new sale;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0162_3_ After
Will be executed after closing the new sale screen;
> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

23. 163 - Clients)New Purchase

Event Before – Extension action set = EXT_0163_1_Before

Will be executed before opening the new purchase screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0163_2_Replace

Will replace MSS screen to create a new purchase;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0163_3_ After

Will be executed after closing the new purchase screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

24. 164 - Clients)User Table 1 (Smartphone)/ Dashboards (Tablet)

Event Before – Extension action set = EXT_0164_1_Before

Will be executed before showing MSS screen with the customer user table 1 / dashboards;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0164_2_Replace

Will replace MSS screen with the customer user table 1 / dashboards;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0164_3_ After

Will be executed after showing the customer user table 1 / dashboards screen;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

25. 165 - Clients)User Table 2 (only Smartphone)

Event Before – Extension action set = EXT_0165_1_Before

Will be executed before showing MSS screen with the customer user table 2;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0165_2_Replace

Will replace MSS screen with the customer user table 2;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0165_3_ After

Will be executed after showing the customer user table 2;

> **Input Parameters:**
> inCustomerCode – Code of the selected customer;

26. 166 - Clients)Client Sales Statistics (only Tablet)

Event Before – Extension action set = EXT_0166_1_Before

Will be executed before showing MSS screen with the customer sales statistics;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0166_2_Replace

Will replace MSS screen with the customer sales statistics;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0166_3_ After

Will be executed after showing the customer sales statistics;

Input Parameters:

inCustomerCode – Code of the selected customer;

27. 167 - Clients)Client Price Table (only Tablet)

Event Before – Extension action set = EXT_0167_1_Before

Will be executed before showing MSS screen with the customer prices table;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0167_2_Replace

Will replace MSS screen with the customer prices table;

Input Parameters:

inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_0167_3_ After

Will be executed after showing the customer prices table;

Input Parameters:

inCustomerCode – Code of the selected customer;

28. 200 - (Articles)Articles Module

Event Before – Extension action set = EXT_0200_1_Before

Will be executed before MSS open the Articles module;

Event Replace – Extension action set = EXT_0200_2_Replace

Will replace MSS Articles module (can be used to validate if normal MSS module opens using outOpenMSSModule);

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0200_3_ After

Will be executed after closing the Articles module;

29. 300 - (Diary)Diary Module

Event Before – Extension action set = EXT_0300_1_Before
Will be executed before MSS open the Diary module;

Event Replace – Extension action set = EXT_0300_2_Replace
Will replace MSS Diary module (can be used to validate if normal MSS module opens using outOpenMSSModule);
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0300_3_ After
Will be executed after closing the Diary module;

30. 400 - (Orders)Orders Module

Event Before – Extension action set = EXT_0400_1_Before
Will be executed before MSS open the Orders module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_0400_2_Replace
Will replace MSS Orders module (can be used to validate if normal MSS module opens using outOpenMSSModule);
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;
>
> **Output Parameters:**
> outResultCode – Return code: 1 – a document was created / 0 – no document was created;
> outEXR – Exercise of the document created;
> outTPD – Document type;
> outSER – Serie;
> outNDC – Number;
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0400_3_ After
Will be executed after closing the Orders module;
> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

31. 402 - (Orders)Save Document

Event Before – Extension action set = EXT_0402_1_Before

Will be executed before MSS saves the order;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0402_2_Replace

Will be executed before MSS saves the order with the possibility to say MSS to cancel the saving process;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanSave – Return code: 1 – Save the document / 0 – Cancel

Event After – Extension action set = EXT_0402_3_ After

Will be executed after the order is saved;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

32. 406 - (Orders)Read Barcode

Event Before – Extension action set = EXT_0406_1_Before
Will be executed before MSS opens the Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0406_2_Replace
Will replace MSS Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outResultCode – Return code: 1 – a Barcode was read / 0 – Cancel;
> outBarcode – Barcode that was read;

Event After – Extension action set = EXT_0406_3_ After
Will be executed after the user reads a Barcode;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

33. 410 – (Orders) Quantity screen

Event Before – Extension action set = EXT_0410_1_Before
Will be executed before MSS open the quantity screen;

Event Replace – Extension action set = EXT_0410_2_Replace
Will replace MSS quantity screen;

Event After – Extension action set = EXT_0410_3_ After
Will be executed after closing the quantity screen;

34. 411 - (Orders)Add Article

Event Before – Extension action set = EXT_0411_1_Before

Will be executed before MSS opens quantity screen after selecting the article;

> **Input Parameters:**
> inArticleCode – Code of the selected article;
> inDocumentType – Type of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0411_2_Replace

Will be executed before MSS opens quantity screen after selecting the article with the possibility to cancel the process;

> **Input Parameters:**
> inArticleCode – Code of the selected article;
> inDocumentType – Type of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanSelect – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0411_3_ After

Will be executed after adding a new line;

> **Input Parameters:**
> inArticleCode – Code of the selected article;
> inDocumentType – Type of the document;
> inCustomerCode – Code of the selected customer;
> inDocumentLine – Line number created;

35. 412 - (Orders)Select Article Price

(*) This event only has Replace event

Event Replace – Extension action set = EXT_0412_2_Replace

Input Parameters:

inDocumentType – Type of the current document;
inCustomerCode – Code of the selected customer;
inArticleCode – Code of the selected article;
inQuantity – Current quantity;
inDeliveryLocationCode – Code of the selected delivery location;
inHeaderUserField1 – Value of user field 1 from document;
inHeaderUserField2 – Value of user field 2 from document;
inHeaderUserField3 – Value of user field 3 from document;
inCustomerPriceLine – Selected Price line;
inPrice – Current price;
inDiscount1 – Current discount 1;
inDiscount2 – Current discount 2;
inDiscount3 – Current discount 3;
inDiscount4 – Current discount 4;

Output parameters:

outResultCode – Return code: 1 – Done / 0 – Error;
outprice – Calculated price;
outDiscount1 – Calculated discount 1;
outDiscount2 – Calculated discount 2;
outDiscount3 – Calculated discount 3;
outDiscount4 – Calculated discount 4;
outPriceCode – Code of calculated price;
outDiscount1Code – Code of calculated discount 1;
outDiscount2Code – Code of calculated discount 2;
outDiscount3Code – Code of calculated discount 3;
outDiscount4Code – Code of calculated discount 4;
outUserField1 – Aditional field 1(not used);
outUserField2 – Aditional field 2(not used);
outUserField3 – Aditional field 3(not used);
outVATIncluded – If the calculated price has VAT included or not (must return S - VAT included or N – Not included);
outVATTax – VAT tax applied;

36. 413 - (Orders)Document validations

Event Before – Extension action set = EXT_0413_1_Before
Will be executed before MSS starts the validations of the document after pressing Finalize document;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0413_2_Replace
Will be executed before MSS starts the validations of the document after pressing Finalize document with the possibility to cancel the process;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanSave – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0413_3_ After
Will be executed after all the document validations;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

37. 414 - (Orders)Edit Article Line

Event Before – Extension action set = EXT_0414_1_Before
Will be executed before MSS edits the selected line;

> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0414_2_Replace
Will be executed before MSS edits the selected line with the possibility to cancel the process;

> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanEdit – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0414_3_ After
Will be executed after editing the line;

> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;

38. 415 - (Orders)Origin Document Screen

Event Before – Extension action set = EXT_0415_1_Before

Will be executed before MSS opens the origin document screen when inserting a return;

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

Event Replace – Extension action set = EXT_0415_2_Replace

Will replace MSS origin document screen (can be used to validate if normal MSS module opens using outOpenMSSModule);

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

Output Parameters:

outResultCode – Return code: 1 – save information / 0 – cancel;

outOriginDocumentExercise – Exercise of the origin document;

outOriginDocumentType – Document type of the origin document;

outOriginDocumentSeries – Series of the origin document;

outOriginDocumentNumber – Number of the origin document;

outOriginDocumentLine – Line number of the origin document;

outOriginDocumentDate – Date of the origin document;

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0415_3_ After

Will be executed after closing the Sales module;

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

39.   416 - (Orders)Delete line

Event Before – Extension action set = EXT_0416_1_Before
Will be executed before MSS delete the selected line;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0416_2_Replace
Will be executed before MSS delete the selected line with the possibility to cancel the process;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;
Output Parameters:
outCanDelete – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0416_3_ After
Will be executed after delete the line;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;

40.   500 - (Sales)Sales Module

Event Before – Extension action set = EXT_0500_1_Before

Will be executed before MSS opens the Sales module;

Input Parameters:

inDocumentType – Document type to select automatically;
inCustomerCode – Customer code to select automatically;
inDeliveryPlaceCode – Delivery place to select automatically;
inRouteCode – Active route code;
inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_0500_2_Replace

Will replace MSS Sales module;

Input Parameters:

inDocumentType – Document type to select automatically;
inCustomerCode – Customer code to select automatically;
inDeliveryPlaceCode – Delivery place to select automatically;
inRouteCode – Active route code;
inSubRouteCode – Active sub-route code;

Output Parameters:

outResultCode – Return code: 1 – a document was created / 0 – no document was created;
outEXR – Exercise of the document created;
outTPD – Document type;
outSER – Serie;
outNDC – Number;
outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0500_3_ After

Will be executed after closing the Sales module;

Input Parameters:

inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;
inCustomerCode – Code of the selected customer;

41.   502 - (Sales)Save Document

Event Before – Extension action set = EXT_0502_1_Before

Will be executed before MSS saves the sale;

>> **Input Parameters:**
>> inDocumentExercise – Exercise of the document;
>> inDocumentType – Type of the document;
>> inDocumentSeries – Series of the document;
>> inDocumentNumber – Number of the document;
>> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0502_2_Replace

Will be executed before MSS saves the sale with the possibility to say MSS to cancel the saving process;

>> **Input Parameters:**
>> inDocumentExercise – Exercise of the document;
>> inDocumentType – Type of the document;
>> inDocumentSeries – Series of the document;
>> inDocumentNumber – Number of the document;
>> inCustomerCode – Code of the selected customer;
>> **Output Parameters:**
>> outCanSave – Return code: 1 – Save the document / 0 – Cancel

Event After – Extension action set = EXT_0502_3_ After

Will be executed after the sale is saved;

>> **Input Parameters:**
>> inDocumentExercise – Exercise of the document;
>> inDocumentType – Type of the document;
>> inDocumentSeries – Series of the document;
>> inDocumentNumber – Number of the document;
>> inCustomerCode – Code of the selected customer;

42. 506 - (Sales)Read Barcode

Event Before – Extension action set = EXT_0506_1_Before

Will be executed before MSS opens the Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0506_2_Replace

Will replace MSS Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outResultCode – Return code: 1 – a Barcode was read / 0 – Cancel;
> outBarcode – Barcode that was read;

Event After – Extension action set = EXT_0506_3_ After

Will be executed after the user reads a Barcode;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

43. 510 – (Sales) Quantity screen

(*) Please check the document "MSS Extension Qty Screen.pdf" for detailed information

Event Before – Extension action set = EXT_0510_1_Before

Will be executed before MSS open the quantity screen;

Event Replace – Extension action set = EXT_0510_2_Replace

Will replace MSS quantity screen;

Event After – Extension action set = EXT_0510_3_ After

Will be executed after closing the quantity screen;

44. 511 - (Sales)Add Article

Event Before – Extension action set = EXT_0511_1_Before

Will be executed before MSS opens quantity screen after selecting the article;

Input Parameters:

inArticleCode – Code of the selected article;

inDocumentType – Type of the document;

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0511_2_Replace

Will be executed before MSS opens quantity screen after selecting the article with the possibility to cancel the process;

Input Parameters:

inArticleCode – Code of the selected article;

inDocumentType – Type of the document;

inCustomerCode – Code of the selected customer;

Output Parameters:

outCanSelect – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0511_3_ After

Will be executed after adding a new line;

Input Parameters:

inArticleCode – Code of the selected article;

inDocumentType – Type of the document;

inCustomerCode – Code of the selected customer;

inDocumentLine – Line number created;

45. 512 - (Sales)Select Article Price

(*) This event only has Replace event

Event Replace – Extension action set = EXT_0512_2_Replace

Input Parameters:

inDocumentType – Type of the current document;
inCustomerCode – Code of the selected customer;
inArticleCode – Code of the selected article;
inQuantity – Current quantity;
inDeliveryLocationCode – Code of the selected delivery location;
inHeaderUserField1 – Value of user field 1 from document;
inHeaderUserField2 – Value of user field 2 from document;
inHeaderUserField3 – Value of user field 3 from document;
inCustomerPriceLine – Selected Price line;
inPrice – Current price;
inDiscount1 – Current discount 1;
inDiscount2 – Current discount 2;
inDiscount3 – Current discount 3;
inDiscount4 – Current discount 4;

Output parameters:

outResultCode – Return code: 1 – Done / 0 – Error;
outprice – Calculated price;
outDiscount1 – Calculated discount 1;
outDiscount2 – Calculated discount 2;
outDiscount3 – Calculated discount 3;
outDiscount4 – Calculated discount 4;
outPriceCode – Code of calculated price;
outDiscount1Code – Code of calculated discount 1;
outDiscount2Code – Code of calculated discount 2;
outDiscount3Code – Code of calculated discount 3;
outDiscount4Code – Code of calculated discount 4;
outUserField1 – Aditional field 1(not used);
outUserField2 – Aditional field 2(not used);
outUserField3 – Aditional field 3(not used);
outVATIncluded – If the calculated price has VAT included or not (must return S - VAT included or N – Not included);
outVATTax – VAT tax applied;

46. 513 - (Sales)Document validations

Event Before – Extension action set = EXT_0513_1_Before
Will be executed before MSS starts the validations of the document after pressing Finalize document;
> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0513_2_Replace
Will be executed before MSS starts the validations of the document after pressing Finalize document with the possibility to cancel the process;
> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanSave – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0513_3_After
Will be executed after all the document validations;
> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

47. 514 - (Sales)Edit Article Line

Event Before – Extension action set = EXT_0514_1_Before
Will be executed before MSS edits the selected line;
> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0514_2_Replace
Will be executed before MSS edits the selected line with the possibility to cancel the process;
> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outCanEdit – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0514_3_ After
Will be executed after editing the line;
> **Input Parameters:**
> inDocumentType – Type of the document;
> inLineNumber – Number of the line;
> inCustomerCode – Code of the selected customer;

48. 515 - (Sales)Origin Document Screen

Event Before – Extension action set = EXT_0515_1_Before

Will be executed before MSS opens the origin document screen when inserting a return;

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

Event Replace – Extension action set = EXT_0515_2_Replace

Will replace MSS origin document screen (can be used to validate if normal MSS module opens using outOpenMSSModule);

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

Output Parameters:

outResultCode – Return code: 1 – save information / 0 – cancel;

outOriginDocumentExercise – Exercise of the origin document;

outOriginDocumentType – Document type of the origin document;

outOriginDocumentSeries – Series of the origin document;

outOriginDocumentNumber – Number of the origin document;

outOriginDocumentLine – Line number of the origin document;

outOriginDocumentDate – Date of the origin document;

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0515_3_ After

Will be executed after closing the Sales module;

Input Parameters:

inDocumentType – Document type to select automatically;

inArticleCode – Code of the selected article;

inDocumentLine – Current document line (used when editing a line);

inOriginDocumentExercise – Current origin document exercise (used when editing a line);

inOriginDocumentType – Current origin document type (used when editing a line);

inOriginDocumentSeries – Current origin document series (used when editing a line);

inOriginDocumentNumber – Current origin document number (used when editing a line);

inOriginDocumentLinev – Current origin document line (used when editing a line);

inOriginDocumentDate – Current origin document date (used when editing a line);

49.   516 - (Sales)Delete line

Event Before – Extension action set = EXT_0516_1_Before
Will be executed before MSS delete the selected line;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_0516_2_Replace
Will be executed before MSS delete the selected line with the possibility to cancel the process;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;
Output Parameters:
outCanDelete – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_0516_3_ After
Will be executed after delete the line;
Input Parameters:
inDocumentType – Type of the document;
inLineNumber – Number of the line;
inCustomerCode – Code of the selected customer;

50. 600 - (Receipts)Receipts Module

Event Before – Extension action set = EXT_0600_1_Before
Will be executed before MSS opens the Receipts module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_0600_2_Replace
Will replace MSS Receipts module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

> **Output Parameters:**
> outResultCode – Return code: 1 – a document was created / 0 – no document was created;
> outEXR – Exercise of the document created;
> outTPD – Document type;
> outSER – Serie;
> outNDC – Number;
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0600_3_After
Will be executed after closing the Receipts module;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

51. 602 - (Receipts)Save Document

Event Before – Extension action set = EXT_0600_1_Before
Not implemented;

Event Replace – Extension action set = EXT_0600_2_Replace
Not implemented;

Event After – Extension action set = EXT_0600_3_After
Will be executed after the receipt is saved;

> **Input Parameters:**
> inReceiptExercise – Exercise of the receipt;
> inReceiptType – Type of the receipt;
> inReceiptSeries – Series of the receipt;
> inReceiptNumber – Number of the receipt;
> inCustomerCode – Code of the selected customer;

52. 700 - (Charges)Charges Module

Event Before – Extension action set = EXT_0700_1_Before
Will be executed before MSS opens the Charges module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_0700_2_Replace
Will replace MSS Charges module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

> **Output Parameters:**
> outResultCode – Return code: 1 – a document was created / 0 – no document was created;
> outEXR – Exercise of the document created;
> outTPD – Document type;
> outSER – Serie;
> outNDC – Number;
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0700_3_After
Will be executed after closing the Charges module;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

53. 800 - (Visits)Visits Module

Event Before – Extension action set = EXT_0800_1_Before

Will be executed before MSS opens the Visits module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

inDeliveryPlaceCode – Delivery place to select automatically;

Event Replace – Extension action set = EXT_0800_2_Replace

Will replace MSS Visits module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

inDeliveryPlaceCode – Delivery place to select automatically;

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0800_3_After

Will be executed after closing the Visits module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

inDeliveryPlaceCode – Delivery place to select automatically;

54. 900 - (Bank Deposits)Bank Deposits Module

Event Before – Extension action set = EXT_0900_1_Before

Will be executed before MSS opens the Bank Deposits module;

Event Replace – Extension action set = EXT_0900_2_Replace

Will replace MSS Bank Deposits module;

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_0900_3_After

Will be executed after closing the Bank Deposits module;

55. 1000 - (Documents)Documents Module

Event Before – Extension action set = EXT_1000_1_Before

Will be executed before MSS opens the Documents module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

Event Replace – Extension action set = EXT_1000_2_Replace

Will replace MSS Documents module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1000_3_After

Will be executed after closing the Documents module;

Input Parameters:

inCustomerCode – Customer code to select automatically;

56. 1100 - (Personal Expenses)Personal Expenses Module

Event Before – Extension action set = EXT_1100_1_Before

Will be executed before MSS opens the Personal Expenses module;

Event Replace – Extension action set = EXT_1100_2_Replace

Will replace MSS Personal Expenses module;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1100_3_After

Will be executed after closing the Personal Expenses module;

57. 1200 - (Synchronize)Synchronize Module

Event Before – Extension action set = EXT_1200_1_Before

Will be executed before MSS opens the Synchronization module;

Event Replace – Extension action set = EXT_1200_2_Replace

Will replace MSS Synchronization module;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1200_3_After

Will be executed after closing the Synchronization module;

58. 1300 - (Start of Day)Start of Day Module

Event Before – Extension action set = EXT_1300_1_Before

Will be executed before MSS opens the Start of Day module;

    Input Parameters:

    inRouteCode – Active route code;

    inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_1300_2_Replace

Will replace MSS Start of Day module;

    Input Parameters:

    inRouteCode – Active route code;

    inSubRouteCode – Active sub-route code;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1300_3_After

Will be executed after closing the Start of Day module;

    Input Parameters:

    inRouteCode – Active route code;

    inSubRouteCode – Active sub-route code;

59. 1301 - (Start of Day)Save Start of Day

Event Before – Extension action set = EXT_1301_1_Before
Will be executed before MSS opens the Start of Day module;
      Input Parameters:
      inBeginDate – Current date;
      inBeginHour – Current hour;
      inSelectedVehicle – Vehicle selected;
      inKms – Vehicles Kms;
      inUserField1 – User field 1;
      inUserField2 – User field 2;
      inUserField3 – User field 3;
Note: These values are only in memory

Event Replace – Extension action set = EXT_1301_2_Replace
Will replace MSS Start of Day module;
      Input Parameters:
      inBeginDate – Current date;
      inBeginHour – Current hour;
      inSelectedVehicle – Vehicle selected;
      inKms – Vehicles Kms;
      inUserField1 – User field 1;
      inUserField2 – User field 2;
      inUserField3 – User field 3;
Note: These values are only in memory

      Output Parameters:
      outCanSave – Return code: 1 – Save start of the day / 0 – Cancel the process;

Event After – Extension action set = EXT_1301_3_After
Will be executed after closing the Start of Day module;
      Input Parameters:
      inBeginDate – Current date;
      inBeginHour – Current hour;
      inSelectedVehicle – Vehicle selected;
      inKms – Vehicles Kms;
      inUserField1 – User field 1;
      inUserField2 – User field 2;
      inUserField3 – User field 3;

60.   1400 - (End of Day)End of Day Module

Event Before – Extension action set = EXT_1400_1_Before
Will be executed before MSS opens the End of Day module;

Input Parameters:
inRouteCode – Active route code;
inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_1400_2_Replace
Will replace MSS End of Day module;

Input Parameters:
inRouteCode – Active route code;
inSubRouteCode – Active sub-route code;

Output Parameters:
outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1400_3_After
Will be executed after closing the End of Day module;

Input Parameters:
inRouteCode – Active route code;
inSubRouteCode – Active sub-route code;

61.   1401 - (Start of Day)Save Start of Day

Event Before – Extension action set = EXT_1401_1_Before

Will be executed before MSS opens the Start of Day module;

Input Parameters:

inBeginDate – Date of the start of day;
inBeginHour – Hour of the start of day;
inEndDate – Currentdate;
inEndHour – Current hour;
inEndKms – Vehicles Kms;
inUserField1 – User field 1;
inUserField2 – User field 2;
inUserField3 – User field 3;

Note: These values are only in memory

Event Replace – Extension action set = EXT_1401_2_Replace

Will replace MSS Start of Day module;

Input Parameters:

inBeginDate – Date of the start of day;
inBeginHour – Hour of the start of day;
inEndDate – Currentdate;
inEndHour – Current hour;
inEndKms – Vehicles Kms;
inUserField1 – User field 1;
inUserField2 – User field 2;
inUserField3 – User field 3;

Note: These values are only in memory

Output Parameters:

outCanSave – Return code: 1 – Save start of the day / 0 – Cancel the process;

Event After – Extension action set = EXT_1401_3_After

Will be executed after closing the Start of Day module;

Input Parameters:

inBeginDate – Date of the start of day;
inBeginHour – Hour of the start of day;
inEndDate – Currentdate;
inEndHour – Current hour;
inEndKms – Vehicles Kms;
inUserField1 – User field 1;
inUserField2 – User field 2;
inUserField3 – User field 3;

62.   1500 - (Objectives)Objectives Module

Event Before – Extension action set = EXT_1500_1_Before

Will be executed before MSS opens the Objectives module;

Event Replace – Extension action set = EXT_1500_2_Replace

Will replace MSS Objectives module;

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1500_3_After

Will be executed after closing the Objectives module;

63. 1600 - (Deliveries)Deliveries Module

Event Before – Extension action set = EXT_1600_1_Before
Will be executed before MSS opens the Deliveries module;
> **Input Parameters:**
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_1600_2_Replace
Will replace MSS Deliveries module;
> **Input Parameters:**
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1600_3_After
Will be executed after closing the Deliveries module;
> **Input Parameters:**
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

64. 1610 - (Deliveries)Open delivery

Event Before – Extension action set = EXT_1610_1_Before
Will be executed before MSS opens the delivery;
> **Input Parameters:**
> inDeliveryDocumentExercise – Exercise of the document;
> inDeliveryDocumentType – Type of the document;
> inDeliveryDocumentSeries – Series of the document;
> inDeliveryDocumentNumber – Number of the document;

Event Replace – Extension action set = EXT_1610_2_Replace
Will be executed before MSS opens the delivery with the possibility to cancel the process;
> **Input Parameters:**
> inDeliveryDocumentExercise – Exercise of the document;
> inDeliveryDocumentType – Type of the document;
> inDeliveryDocumentSeries – Series of the document;
> inDeliveryDocumentNumber – Number of the document;

> **Output Parameters:**
> outCanOpenDelivery – Return code: 1 – Open delivery / 0 – Cancel;

Event After – Extension action set = EXT_1610_3_After
Will be executed after MSS opens the delivery;
> **Input Parameters:**
> inDeliveryDocumentExercise – Exercise of the document;
> inDeliveryDocumentType – Type of the document;
> inDeliveryDeliveryDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;

65. 1612 - (Deliveries)Set Delivery as Not Delivered

Event Before – Extension action set = EXT_1612_1_Before

Will be executed before MSS sets the delivery as not delivered;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentType – Type of the document;

inDeliveryDocumentSeries – Series of the document;

inDeliveryDocumentNumber – Number of the document;

Event Replace – Extension action set = EXT_1612_2_Replace

Will be executed before MSS sets the delivery as not delivered with the possibility to cancel the process;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentType – Type of the document;

inDeliveryDocumentSeries – Series of the document;

inDeliveryDocumentNumber – Number of the document;

Output Parameters:

outCanSetAsNotDelivery – Return code: 1 – Allow MSS to set as not delivered / 0 – Cancel;

Event After – Extension action set = EXT_1612_3_After

Will be executed after MSS sets the delivery as not delivered;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentType – Type of the document;

inDeliveryDeliveryDocumentSeries – Series of the document;

inDocumentNumber – Number of the document;

66. 1620 - (Deliveries)Save Delivery

Event Before – Extension action set = EXT_1620_1_Before

Will be executed before MSS saves the delivery;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentType – Type of the document;

inDeliveryDocumentSeries – Series of the document;

inDeliveryDocumentNumber – Number of the document;

Event Replace – Extension action set = EXT_1620_2_Replace

Will be executed before MSS saves the delivery with the possibility to cancel the process;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentType – Type of the document;

inDeliveryDocumentSeries – Series of the document;

inDeliveryDocumentNumber – Number of the document;

Output Parameters:

outCanSaveDelivery – Return code: 1 – Allow MSS to save the delivery / 0 – Cancel;

Event After – Extension action set = EXT_1620_3_After

Will be executed after MSS saves the delivery;

Input Parameters:

inDeliveryDocumentExercise – Exercise of the document;

inDeliveryDocumentDentType – Type of the document;

inDeliveryDeliveryDocumentSeries – Series of the document;

inDocumentNumber – Number of the document;

67. 1623 - (Deliveries)Product Barcode

Event Before – Extension action set = EXT_1623_1_Before

Will be executed before MSS opens the Barcode reader screen;

Input Parameters:

inDocumentExercise – Exercise of the document;

inDocumentType – Type of the document;

inDocumentSeries – Series of the document;

inDocumentNumber – Number of the document;

inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_1623_2_Replace

Will replace MSS Barcode reader screen;

Input Parameters:

inDocumentExercise – Exercise of the document;

inDocumentType – Type of the document;

inDocumentSeries – Series of the document;

inDocumentNumber – Number of the document;

inCustomerCode – Code of the selected customer;

Output Parameters:

outResultCode – Return code: 1 – a Barcode was read / 0 – Cancel;

outBarcode – Barcode that was read;

Event After – Extension action set = EXT_1623_3_After

Will be executed after the user reads a Barcode;

Input Parameters:

inDocumentExercise – Exercise of the document;

inDocumentType – Type of the document;

inDocumentSeries – Series of the document;

inDocumentNumber – Number of the document;

inCustomerCode – Code of the selected customer;

68. 1700 - (Online Requests)Online Requests Module

Event Before – Extension action set = EXT_1700_1_Before

Will be executed before MSS opens the Online Requests module;

Event Replace – Extension action set = EXT_1700_2_Replace

Will replace MSS Online Requests module;

Output Parameters:

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1700_3_After

Will be executed after closing the Online Requests module;

69. 1800 - (Payments/Advancements)Payments/Advancements Module

Event Before – Extension action set = EXT_1800_1_Before

Will be executed before MSS opens the Payments/Advancements module;

Event Replace – Extension action set = EXT_1800_2_Replace

Will replace MSS Payments/Advancements module;

> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1800_3_After

Will be executed after closing the Payments/Advancements module;

70. 1900 - (Stocks)Stocks Module

Event Before – Extension action set = EXT_1900_1_Before

Will be executed before MSS opens the Stocks module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;

Event Replace – Extension action set = EXT_1900_2_Replace

Will replace MSS Stocks module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;
>
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_1900_3_After

Will be executed after closing the Stocks module;

> **Input Parameters:**
> inDocumentType – Document type to select automatically;

71. 2100 - (Equipments)Equipments Module

Event Before – Extension action set = EXT_2100_1_Before

Will be executed before MSS opens the Equipments module;

Event Replace – Extension action set = EXT_2100_2_Replace

Will replace MSS Equipments module;

> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2100_3_After

Will be executed after closing the Equipments module;

72. 2200 - (Catalog)Catalog Module

Event Before – Extension action set = EXT_2200_1_Before
Will be executed before MSS opens the Catalog module;

    Input Parameters:
    inDocumentType – Document type to select automatically;
    inCustomerCode – Customer code to select automatically;
    inDeliveryPlaceCode – Delivery place to select automatically;
    inRouteCode – Active route code;
    inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_2200_2_Replace
Will replace MSS Catalog module;

    Input Parameters:
    inDocumentType – Document type to select automatically;
    inCustomerCode – Customer code to select automatically;
    inDeliveryPlaceCode – Delivery place to select automatically;
    inRouteCode – Active route code;
    inSubRouteCode – Active sub-route code;

    Output Parameters:
    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2200_3_After
Will be executed after closing the Catalog module;

73. 2210 - (Catalog)Catalog v3 shopping cart

Event Before – Extension action set = EXT_2210_1_Before

Will be executed before MSS opens the shopping cart;

Input Parameters:

inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;
inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_2210_2_Replace

Will replace MSS shopping cart screen;

Input Parameters:

inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;
inCustomerCode – Code of the selected customer;

Output Parameters:

outCanCloseCart – Return code: 1 – Continue to the order screen / 0 – Cancel;
outArticleCode – When closing cart, if not empty, will show this article details (only Tablet);

Event After – Extension action set = EXT_2210_3_After

Will be executed after closing the shopping cart screen;

Input Parameters:

inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;
inCustomerCode – Code of the selected customer;

Note: When this event is executed data is store in Temporary Tables (DCC_Temp/DCL_Temp/DCT_Temp)

74. 2300 - (Agenda)Agenda Module

Event Before – Extension action set = EXT_2300_1_Before
Will be executed before MSS opens the Agenda module;

Event Replace – Extension action set = EXT_2300_2_Replace
Will replace MSS Agenda module;
>   **Output Parameters:**
>   outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2300_3_After
Will be executed after closing the Agenda module;

75. 2400 - (Services)Services Module

Event Before – Extension action set = EXT_2400_1_Before
Will be executed before MSS opens the Services module;

Event Replace – Extension action set = EXT_2400_2_Replace
Will replace MSS Services module;
>   **Output Parameters:**
>   outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2400_3_After
Will be executed after closing the Services module;

76. 2401 - (Services)Replace Check List

Event Before – Extension action set = EXT_2401_1_Before
Will be executed before showing the check list screen;
>   **Input Parameters:**
>   inServiceExercise – Exercise of the service;
>   inServiceSeries – Serie of the service;
>   inServiceNumber – Number of the service;

Event Replace – Extension action set = EXT_2401_2_Replace
Will replace MSS screen with the service check list;
>   **Input Parameters:**
>   inServiceExercise – Exercise of the service;
>   inServiceSeries – Serie of the service;
>   inServiceNumber – Number of the service;

Event After – Extension action set = EXT_2401_3_After
Will be executed after showing the check list screen;
>   **Input Parameters:**
>   inServiceExercise – Exercise of the service;
>   inServiceSeries – Serie of the service;
>   inServiceNumber – Number of the service;

77.   2402 - (Services)Replace Historic

Event Before – Extension action set = EXT_2402_1_Before
Will be executed before showing the check list screen;
> **Input Parameters:**
> inServiceExercise – Exercise of the service;
> inServiceSeries – Serie of the service;
> inServiceNumber – Number of the service;

Event Replace – Extension action set = EXT_2402_2_Replace
Will replace MSS screen with the service check list;
> **Input Parameters:**
> inServiceExercise – Exercise of the service;
> inServiceSeries – Serie of the service;
> inServiceNumber – Number of the service;

Event After – Extension action set = EXT_2402_3_After
Will be executed after showing the check list screen;
> **Input Parameters:**
> inServiceExercise – Exercise of the service;
> inServiceSeries – Serie of the service;
> inServiceNumber – Number of the service;

78.   2410 – (Services) Quantity screen

(*) Please check the document "MSS Extension Qty Screen.pdf" for detailed information
Event Before – Extension action set = EXT_2410_1_Before
Will be executed before MSS open the quantity screen;

Event Replace – Extension action set = EXT_2410_2_Replace
Will replace MSS quantity screen;

Event After – Extension action set = EXT_2410_3_After
Will be executed after closing the quantity screen;

79.   2420 - (Services)End intervention

Event Before – Extension action set = EXT_2420_1_Before
Not implemented;

Event Replace – Extension action set = EXT_2420_2_Replace
Not implemented;

Event After – Extension action set = EXT_2420_3_After
Will be executed after ending an intervention;
> **Input Parameters:**
> inServiceExercise – Exercise of the service (SITEXR);
> inServiceSeries – Serie of the service (SITSER);
> inServiceNumber – Number of the service (SITNDC);
> inInterventionLine – Line number of the intervention (SITLIN);
> inInterventionEquipmentLine – Line number of equipment (SITLEQ);

80. 2500 - (Unlock)Unlock Module

Event Before – Extension action set = EXT_2500_1_Before
Will be executed before MSS opens the Unlock module;

Event Replace – Extension action set = EXT_2500_2_Replace
Will replace MSS Unlock module;
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2500_3_After
Will be executed after closing the Unlock module;

81. 2600 - (Prospects)Prospects Module

Event Before – Extension action set = EXT_2600_1_Before
Will be executed before MSS opens the Prospects module;

Event Replace – Extension action set = EXT_2600_2_Replace
Will replace MSS Prospects module;
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_2600_3_After
Will be executed after closing the Prospects module;

82. 3000 - (Unlock Customer)Unlock Customer Module

Event Before – Extension action set = EXT_3000_1_Before
Will be executed before MSS opens the Unlock Customer module;

Event Replace – Extension action set = EXT_3000_2_Replace
Will replace MSS Unlock Customer module;
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3000_3_After
Will be executed after closing the Unlock Customer module;

83. 3100 - (POS)Mobile POS Module

Event Before – Extension action set = EXT_3100_1_Before
Will be executed before MSS opens the Mobile POS module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_3100_2_Replace
Will replace MSS Mobile POS module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;
>
> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3100_3_After
Will be executed after closing the Mobile POS module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inCustomerCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

84. 3200 - (Purchases)Purchases Module

Event Before – Extension action set = EXT_3200_1_Before
Will be executed before MSS opens the Purchases module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inSupplierCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;

Event Replace – Extension action set = EXT_3200_2_Replace
Will replace MSS Purchases module;
> **Input Parameters:**
> inDocumentType – Document type to select automatically;
> inSupplierCode – Customer code to select automatically;
> inDeliveryPlaceCode – Delivery place to select automatically;
> inRouteCode – Active route code;
> inSubRouteCode – Active sub-route code;
>
> **Output Parameters:**
> outResultCode – Return code: 1 – a document was created / 0 – no document was created;
> outEXR – Exercise of the document created;
> outTPD – Document type;
> outSER – Serie;
> outNDC – Number;

outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3200_3_After
Will be executed after closing the Purchases module;
>> **Input Parameters:**
>> inDocumentExercise – Exercise of the document;
>> inDocumentType – Type of the document;
>> inDocumentSeries – Series of the document;
>> inDocumentNumber – Number of the document;
>> inSupplierCode – Code of the selected customer;

85. 3206 - (Purchases)Read Barcode

Event Before – Extension action set = EXT_3206_1_Before
Will be executed before MSS opens the Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_3206_2_Replace
Will replace MSS Barcode reader screen;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;
> **Output Parameters:**
> outResultCode – Return code: 1 – a Barcode was read / 0 – Cancel;
> outBarcode – Barcode that was read;

Event After – Extension action set = EXT_3206_3_After
Will be executed after the user reads a Barcode;

> **Input Parameters:**
> inDocumentExercise – Exercise of the document;
> inDocumentType – Type of the document;
> inDocumentSeries – Series of the document;
> inDocumentNumber – Number of the document;
> inCustomerCode – Code of the selected customer;

86. 3210 – (Purchases) Quantity screen

(*) Please check the document "MSS Extension Qty Screen.pdf" for detailed information
Event Before – Extension action set = EXT_3210_1_Before
Will be executed before MSS open the quantity screen;

Event Replace – Extension action set = EXT_3210_2_Replace
Will replace MSS quantity screen;

Event After – Extension action set = EXT_3210_3_After
Will be executed after closing the quantity screen;

87. 3300 - (Suppliers)Suppliers Module

Event Before – Extension action set = EXT_3300_1_Before
Will be executed before MSS open the Suppliers module;

Event Replace – Extension action set = EXT_3300_2_Replace
Will replace MSS Suppliers module;

> **Output Parameters:**
> outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3300_3_After
Will be executed after closing the Suppliers module;

88. 3400 - (Dashboards) Dashboards Module

Event Before – Extension action set = EXT_3400_1_Before

Will be executed before MSS open the Dashboards module;

Event Replace – Extension action set = EXT_3400_2_Replace

Will replace MSS Dashboards module;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3400_3_After

Will be executed after closing the Dashboards module;

89. 3500 - (My Team)My Team Module

Event Before – Extension action set = EXT_3500_1_Before

Will be executed before MSS open the My Team module;

Event Replace – Extension action set = EXT_3500_2_Replace

Will replace MSS My Team module;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3500_3_After

Will be executed after closing the My Team module;

90. 3600 - (Surveys)Surveys Module

Event Before – Extension action set = EXT_3600_1_Before

Will be executed before MSS open the Surveys module;

Event Replace – Extension action set = EXT_3600_2_Replace

Will replace MSS Surveys module;

    Output Parameters:

    outOpenMSSModule – Return code: 1 – Open MSS module / 0 – Don't open MSS module;

Event After – Extension action set = EXT_3600_3_After

Will be executed after closing the Surveys module;

91. 3700 - (Login)Login validation

Event Before – Extension action set = EXT_3700_1_Before

Will be executed before MSS validates the user credentials and permissions;

    Input Parameters:

    inUserName – User login name;

Event Replace – Extension action set = EXT_3700_2_Replace

Will be executed before MSS validates the user credentials and permissions with the possibility to cancel the process;

    Input Parameters:

    inUserName – User login name;

    Output Parameters:

    outCanLogin – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_3700_3_After

Will be executed after MSS validates the user credentials and permissions;

    Input Parameters:

    inUserName – User login name;

92. 3800 - Select Document Customer

Event Before – Extension action set = EXT_3800_1_Before

Will be executed before MSS validates the selected customer;

    Input Parameters:

    inDocumentModule – Code of the document module (P – Orders / A – Sales / F – Purchases / E – Suppliers orders);

    inDocumentType – Type of the document;

    inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_3800_2_Replace

Will be executed before MSS validates the selected customer with the possibility to cancel the process;

    Input Parameters:

    inDocumentModule – Code of the document module (P – Orders / A – Sales / F – Purchases / E – Suppliers orders);

    inDocumentType – Type of the document;

    inCustomerCode – Code of the selected customer;

    Output Parameters:

    outCanSelect – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_3800_3_After

Will be executed after MSS validates the selected customer;

    Input Parameters:

    inDocumentModule – Code of the document module (P – Orders / A – Sales / F – Purchases / E – Suppliers orders);

    inDocumentType – Type of the document;

    inCustomerCode – Code of the selected customer;

93.   3801 - Clear Document Lines

Event Before – Extension action set = EXT_3801_1_Before

Will be executed before MSS clear the document temporary tables;

Input Parameters:

inDocumentType – Type of the document;

Event Replace – Extension action set = EXT_3801_2_Replace

Will be executed before MSS clear the document temporary tables with the possibility to cancel the process;

Input Parameters:

inDocumentType – Type of the document;

Output Parameters:

outCanClear – Return code: 1 – Continue the process / 0 – Cancel;

Event After – Extension action set = EXT_3801_3_After

Will be executed after MSS clear the document temporary tables;

Input Parameters:

inDocumentType – Type of the document;

94.   3900 - (Transport Document) Open Module

Event Before – Extension action set = EXT_3900_1_Before

Will be executed before MSS open the Transport Document module;

Event Replace – Extension action set = EXT_3900_2_Replace

Will replace MSS Transport Document module;

Event After – Extension action set = EXT_3900_3_After

Will be executed after closing the Transport Document module;

95.   4000 - (Email) Send document

Event Before – Extension action set = EXT_4000_1_Before
Will be executed before MSS sends a document by email;
>   **Input Parameters:**
>   inDocumentExercise – Exercise of the document;
>   inDocumentType – Type of the document;
>   inDocumentSeries – Series of the document;
>   inDocumentNumber – Number of the document;
>   inCustomerCode – Code of the selected customer;

Event Replace – Extension action set = EXT_4000_2_Replace
Will replace MSS send document by email process;
>   **Input Parameters:**
>   inDocumentExercise – Exercise of the document;
>   inDocumentType – Type of the document;
>   inDocumentSeries – Series of the document;
>   inDocumentNumber – Number of the document;
>   inCustomerCode – Code of the selected customer;

Event After – Extension action set = EXT_4000_3_After
Will be executed after sending a document by email;
>   **Input Parameters:**
>   inDocumentExercise – Exercise of the document;
>   inDocumentType – Type of the document;
>   inDocumentSeries – Series of the document;
>   inDocumentNumber – Number of the document;
>   inCustomerCode – Code of the selected customer;

96.   4001 - (Email) Send report

Event Before – Extension action set = EXT_4001_1_Before
Will be executed before MSS sends a report by email;
>   **Input Parameters:**
>   inDescription – Description created by MSS to send the report, ex. "Sending report List of Sales";
>   inReportName – Name of the report, ex. "List of Sales";
>   inReportFile – Name of the report file, ex. "ListofSales.txt";

Event Replace – Extension action set = EXT_4001_2_Replace
Will replace MSS send report by email process;
>   **Input Parameters:**
>   inDescription – Description created by MSS to send the report, ex. "Sending report List of Sales";
>   inReportName – Name of the report, ex. "List of Sales";
>   inReportFile – Name of the report file, ex. "ListofSales.txt";

Event After – Extension action set = EXT_4001_3_After
Will be executed after sending a report by email;
>   **Input Parameters:**
>   inDescription – Description created by MSS to send the report, ex. "Sending report List of Sales";
>   inReportName – Name of the report, ex. "List of Sales";
>   inReportFile – Name of the report file, ex. "ListofSales.txt";

97.   4200 - (Print) Print document

Event Before – Extension action set = EXT_4200_1_Before
Will be executed before MSS prints a document;
Input Parameters:
inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;

Event Replace – Extension action set = EXT_4200_2_Replace
Will be executed before MSS prints the document with the possibility to say MSS to cancel the printing process;
Input Parameters:
inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;

Event After – Extension action set = EXT_4200_3_After
Will be executed after printing a document;
Input Parameters:
inDocumentExercise – Exercise of the document;
inDocumentType – Type of the document;
inDocumentSeries – Series of the document;
inDocumentNumber – Number of the document;