



Certificate

SAP INTEGRATION CERTIFICATION

SAP SE hereby confirms that the ABAP interface software
for the product

GRÜN MFplus 3.2 A

of the company

GRÜN Software AG

has been certified for integration with SAP NetWeaver 7.31 via the
SAP integration scenario *ABAP Add-On Deployment for SAP Enterprise Resource
Planning*.

This certificate confirms the technical and syntactical consistency of the Add-On in
accordance with SAP certification procedures.
SAP only certifies successful integration of the product with SAP solutions. Vendor is
responsible for the product itself and its error-free operation.

The certification test is documented in report no. 29208567
and expires August 19, 2018.

Vendor Hardware: PC x86-64

Vendor Operating System: Windows Server 2012

SAP Test System: SAP NetWeaver 7.31

This configuration meets the requirements for deploying GRÜN MFplus 3.2 A on the
SAP NetWeaver platform.

Certified Functions:

Assign Software Component with a registered Namespace

Package Add-On using SAP Add-On Assembly Kit (AAK)

Deploy using SAP Add-On Installation Tool (SAINT)

Integration with SAP Enterprise Resource Planning

SAP Solution Manager Ready functionality

Walldorf, August 20, 2015

Christoph Claus, SAP SE

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<http://www.sap.com/icc>



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Interface Certification

ABAP Add-On Deployment

Test Report

SAP Integration and Certification Center



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Interface Certification #29208567

SAP Interface incl. Release: ABAP Add-On Deployment
SAP Product incl. Release used for test: SAP NetWeaver 7.31
SAP Solution: SAP Enterprise Resource Planning

Hardware used for SAP test system: PC x86-64
Operating System of SAP test system: Windows Server 2012

Name of Vendor: GRÜN Software AG
Vendor Number (SAP internal): 11612169

Vendor Product Name: GRÜN MFplus
Release Vendor Product: 3.2 A
Vendor Product Number (SAP internal): 9257408

Vendor Interface Software Name:
Release Vendor Interface Software:

Hardware used for Vendor Test System: PC x86-64
Operating System of Vendor Test System: Windows Server 2012
Tools used for the technical integration:

Language Version tested: German

Certification Date: August 20, 2015
Expiration Date: August 19, 2018
Location: remote
Persons present - Vendor: Derek Lünz

Persons present - SAP: Christoph Claus

Certified Functions:

- Assign Software Component with a registered Namespace
 - Package Add-On using SAP Add-On Assembly Kit (AAK)
 - Deploy using SAP Add-On Installation Tool (SAINT)
 - Integration with SAP Enterprise Resource Planning
 - SAP Solution Manager Ready functionality
-

1. Product Information

Product information	
Product web page:	http://gruen.net/gruen-mfplus
Which releases of the SAP Business Solutions does the partner's software support? Check exactly one release. If the product supports multiple releases, please fill out one document per SAP release. Please name the corresponding version of the software.	<input checked="" type="checkbox"/> SAP ERP 6.0 (SAP Basis 7.31) corresp. version of your software: 3.2 A
	<input type="checkbox"/> SAP for corresp. version of your software:
For which databases is the software available?	All SAP supported databases
On which server platforms does the software run?	All SAP supported platforms

2. Functional Overview

Supported Functions and Business Processes – General Description	
Overview on the functionality and the purpose of the 3 rd party product.	<p>The software product GRÜN MFplus Version 3 is the field-tested solution for membership, donation and contribution management which is qualified and recommended by SAP AG. The software is suited for non-profit organizations and CSR departments of enterprises and universities.</p> <p>GRÜN MFplus is a system which is installed on the basis of SAP ERP (SAP ECC) and can handle many standard processes for donation, membership or university administration in GRÜN MFplus business logic with direct SAP integration. GRÜN MFplus offers you a large selection of standard processes and at the same time the flexibility of mapping individual properties of your organization via configuration</p>

2.1 Complete List of used and released SAP objects

The list below has been given to SAP by the Vendor, for referencing purposes. SAP cannot guarantee that it's complete.

Complete List of used BAPIs / RFCs / IDocs / ESs or other SAP building blocks by SAP (released and unreleased objects)		
CHECK_TEXT_AUTHORITY	FI_MESSAGE_COLLECT	RP_IMPORT_GARNISHMENT_LIST
AC_DOCUMENT_GENERATE	FI_MESSAGE_GET	RP_IMPORT_PAY_STATEMENT
ACCOUNT_ALLOCATION	FI_MESSAGE_PRINT	RP_LAST_DAY_OF_MONTHS
ACCOUNT_ALLOCATION_GENERAL	FI_MESSAGE_SORT.	RP_SALES_REPRESENT_ADDRESS
ADDR_BUILD_COMPLETE	FI_PAYGROUP_DELETE	RPY_FOREIGN_KEY_READ
ADDR_COMM_FIND_KEY	FI_PAYGROUP_DELETE	RS_ACCESS_PERMISSION
ADDR_COMM_FIND_KEY_OF_CALLER	FI_PAYM_DETAILS_DELETE	RS_COMPLEX_OBJECT_EDIT
ADDR_GET	FI_PAYM_MESSAGE_LOG_DELETE	RS_CREATE_VARIANT
ADDR_GET_COMPLETE	FI_PERIOD_CHECK	RS_CUA_STATUS
ADDR_MAINTAIN_COMPLETE	FI_PERIOD_DETERMINE	RS_FB_TABLEDYNPROS_ADD
ADDR_PERS_COMP_GET	FI_POSTING_KEY_DATA	RS_GEN_DATA_BROWSER_DYNPROS
ADDR_PERSON_NAME_FORMAT	FI_REFERENCE_CREATE	RS_HELP_HANDLING
ADDR_PERSONAL_GET	FI_TECH_ACCNO_CHECK	RS_LIST_SELECTION_TABLE
ADDR_POSTAL_CODE_CHECK	FI_TECH_ACCNO_CHECK_TRY	RS_REFRESH_FROM_SELECTOPTIONS
ADDR_SINGLE_SAVE	FI_WT_POPUP_TO_CONFIRM_STEP	RS_SCRP_FIELDS_CHAR_TO_RAW
ADDRESS_GET_DATA	FIELD_HELP	RS_SET_SELSCREEN_STATUS
ADDRESS_INTO_PRINTFORM	FIELD_VALUE	RS_SUBMIT_INFO
ALSM_EXCEL_TO_INTERNAL_TABLE	FIELD_VALUE_CHECK	RS_TABLE_LIST_CREATE
ALV_WORD_EXECUTE_SIMPLE_LIST	FILE_GET_NAME	RS_TOOL_ACCESS
APPT_CREATE_INTERNAL	FILE_NEXT_RECORD	RS_TOOLDOCU_ACCESS
APPT_DELETE_INTERNAL	FILE_OPEN	RS_TREE_CONSTRUCT
ARCHIV_BARCODE_GLOBAL	FLUSH	RS_TREE_EXPAND
ARCHIV_CONNECTION_INSERT	FORMAT_MESSAGE	RS_TREE_LIST_DISPLAY
ARCHIV_DISPLAY_META	FREE_SELECTIONS_DIALOG	RS_VARIANT_CATALOG
ARCHIV_GET_ARCHIVINFOS	FREE_SELECTIONS_INIT	RS_VARIANT_CONTENTS
ARCHIV_GET_CLIENT_META	FUNCTION_EXECUTE	RS_VARIANT_DELETE
ARCHIV_WRITE_LOG	FUNCTION_EXISTS	RS_VARIANT_DISPLAY
ARCHIV_WRITE_SYSLOG	FVZG_MAHN_PARTNER	RS_VARIANT_EXISTS
ARCHIVE_ADMIN_CHECK_STATUS	G_DISPLAY_SELECTION_DYNPRO	RS_WORKBENCH_CUSTOMIZING
ARCHIVE_ADMIN_GET_OBJECT	GET_BANK_ACCOUNT	RSPO_CLOSE_SPOOLREQUEST
ARCHIVE_ADMIN_SET_STATUS	GET_BANKCODE	RSPO_OPEN_SPOOLREQUEST
ARCHIVE_CLOSE_FILE	GET_DOCUMENTS	RSPO_SR_CLOSE
ARCHIVE_GET_CUSTOMIZING_DATA	GET_FIELDTAB	RSPO_SR_OPEN
ARCHIVE_GET_NEXT_OBJECT	GET_NEXT_ADRNR	RSPO_SR_TABLE_WRITE
ARCHIVE_GET_NEXT_RECORD	GET_POSTING_RULE	RSPO_WRITE_SPOOLREQUEST
ARCHIVE_NEW_OBJECT	GET_PRINT_PARAMETERS	RV_CAS_PARTNER_AUSWAHL
ARCHIVE_OPEN_FOR_DELETE	GET_SHORTKEY_FOR_FEBKO	RV_CHECK_DOCUMENT_INPUT
ARCHIVE_OPEN_FOR_READ	GET_TEXT_PRINT_PARAMETERS	RV_COND_PROTOCOL_REFRESH.
ARCHIVE_OPEN_FOR_WRITE	GFW_PRES_SHOW	RV_DOMAIN_VALUE_TEXTS
ARCHIVE_PUT_RECORD	GRAPH_2D	RV_DYNAMIC_ADRESS
ARCHIVE_SAVE_OBJECT	GUI_DOWNLOAD	RV_EXPORT_BOYCOTTLIST_CHECK
ARCHIVE_WRITE_STATISTICS	GUI_DOWNLOAD	RV_HELP
ARCHIVOBJECT_DISPLAY	GUI_FILE_SAVE_DIALOG	RV_MESSAGE_UPDATE_SINGLE IN UPDATE TASK
ARCHIVOBJECT_STATUS	GUI_RUN	RV_PARTNER_CHECK
AUTHORITY_CHECK_DATASET	GUI_UPLOAD	RV_PARTNER_EXIT
BAL_DB_SAVE	HELP_DOCU_SHOW_FOR_FIELD	RV_PICK_PARTNER
BAL_DSP_LOG_DISPLAY	HELP_VALUES_GET	RV_PRICE_PRINT_REFRESH
BAL_DSP_OUTPUT_FREE.	HELP_VALUES_GET_EXTEND	RV_REPORT_READ
BAL_LOG_CREATE	HELP_VALUES_GET_NO_DD_NAME	RV_REPORT_WRITE
BAL_LOG_MSG_ADD	HELP_VALUES_GET_NO_DD_NAME	RV_SALES_DOCUMENT_ADD IN UPDATE TASK
BAL_LOG_REFRESH	HELP_VALUES_GET_WITH_TABLE	RWIN_CHECK
BAPI_CREDITCARD_CHECKNUMBER	HELP_VALUES_GET_WITH_TABLE	SAPGUI_PROGRESS_INDICATOR
BDC_CLOSE_GROUP.	HELPSCREEN_NA_CREATE	

ABAP ADD-ON DEPLOYMENT - TEST REPORT FOR INTERFACE CERTIFICATION

BDC_INSERT	HOLIDAY_CHECK_AND_GET_INFO	SAPGUI_SET_FUNCTIONCODE
BDC_OPEN_GROUP	HR_DISPLAY_BASIC_LIST	SAPSCRIPT_MESSAGE.
BDC_RUNNING	HR_FIELD_CHOICE	SAVE_TEXT
BKK_GET_MONTH_LASTDAY	HR_PROGRAM_CHECK_AUTHORIZATION	SC_ORGANIZER_STARTING_NEW_TASK_ORGAN
BP_EVENT_RAISE	ICON_CREATE	SCHEDULE_PROXY_MAINTAIN_DIALOG
BP_FIND_JOBS_WITH_PROGRAM	IMPORT_DYNPRO	SCHEDULE_SELECTED_OWNER_DIALOG
BP_JOB_DELETE	INCOMING_CALL_DISPATCH	SCMS_HTTP_CREATE
BP_JOB_SELECT	INIT_IBAN_MEMORY	SCMS_UPLOAD
BP_JOBLIST_PROCESSOR	INIT_TEXT	SCMS_URL_GENERATE
BP_JOBLOG_READ	INPUT_IBAN_DIAL	SCMS_XSTRING_TO_BINARY
BP_JOBVARIANT_SCHEDULE	INSERT_TEXT_AFTER_COMMIT	SCOV_TIME_DIFF_46B
BP_START_DATE_EDITOR	JOB_CLOSE	SCP_REPLACE_STRANGE_CHARS
BUP_MEMORY_ADDRESS_INIT.	JOB_OPEN	SCREEN_SEQUENCE_CONTROL
BUP_MEMORY_CENTRAL_INIT.	K_KKB_LIST_DISPLAY	SCREEN_SEQUENCE_CONTROL_INIT
C_FUNAM	K_KKB_POPUP_RADIO2	SCROLLING_IN_TABLE
CACS_RANDOM_I4	K_KKB_REPID_GET	SD_CCARD_AUTH_CALL_RFC
CALCULATE_DATE	K_KOKRS_SET	SD_CCARD_MAINTAIN_DIALOG
CALCULATE_HASH_FOR_CHAR	K_MESSAGE_TRANSFORM	SD_CCARD_READ
CCARD_CHECK_NUMBER	K_POPUP_TO_DECIDE	SD_CCARD_RESET.
CCARD_DATE_CONVERT_INPUT	K_RW_REPORT_TREE_CALL	SD_CCARD_RESET.
CHANGE_BANK_ADDRESS	KCD_FRONT_END_DIRECTORY_READ	SD_CCARD_SAVE
CHANGEDOCUMENT_CLOSE	KD_GET_FILENAME_ON_F4	SD_CCARD_TCCAA_SELECT_AUTH
CHANGEDOCUMENT_MULTIPLE_CASE	KOKRS_GET_FROM_BUKRS	SD_CCARD_VCKUN_MAINTAIN
CHANGEDOCUMENT_OPEN	KOMP-FUNCTION	SD_CCARD_VCNUM_MAINTAIN
CHANGEDOCUMENT_READ_HEADERS	LIST_COMMAND	SD_COND_RECORD_TO_NORM_RECORD
CHANGEDOCUMENT_READ_POSITIONS	LIST_FROM_MEMORY	SD_CREDITPARTNER_DETERMINATION
CHANGEDOCUMENT_SINGLE_CASE	LOAD_TEXT	SD_CUSTOMER_MAINTAIN_ALL
CHANGEDOCUMENT_TEXT_CASE	LVC_FIELDCATALOG_MERGE	SD_MONITOR_PROTOCOL_EXPORT
CHECK_BANK_ADDRESS	LVC_VARIANT_F4	SE16N_INTERFACE
CHECK_BEGIN_BANK_ADDRESS	LVC_VARIANT_SAVE_LOAD	SE16N_SHOW_GRID_LINE
CHECK_END_BANK_ADDRESS	MAINTAIN_IBAN	SEARCH_BANK_ADDRESS
CHECK_IBAN	MAINTAIN_IBAN_DIAL	SEARCH_FOR_IBAN
CHECK_IBAN_ACTIVE	MAINTAIN_IBAN_DIAL_PLUS	SEPA_CUSTOMIZING_READ
CLOSE_FORM	MAINTAIN_IBAN_FROM_DATA	SEPA_GET_MANDAT_IBAN_ALL_ANWD
COMMIT_TEXT	MC_SEND_MAIL	SEPA_MANDATE_ADD_MONTH_TO_DATE
COMPLEX_SELECTIONS_DIALOG	MESSAGE_PREPARE	SEPA_MANDATE_ADD_USAGE
COMPUTE_CONTROL_NUMBER	NAMETAB_GET	SEPA_MANDATE_API_CHECK_VALID
COND_PROTOCOL_GET	NAST_CREATE_MESSAGE_OBJECT_OLD	SEPA_MANDATE_GEN_AUTHORITY
COND_PROTOCOL_REFRESH.	NAST_GENERATE_COND_ACCESS	SEPA_MANDATE_LIST_PAJ_GET
COND_PROTOCOL_SHOW	NAST_MAIL_COMMIT	SEPA_MANDATE_UI_CREATE
COND_PROTOCOL_UPDATE	NAST_MAIL_PARAMETER_REPLACE	SEPA_MANDATE_UI_LIST_CHANGE
CONTROL_FORM	NAST_MAIL_PREPARE	SEPA_MANDATE_UI_LIST_FINISH.
CONVERSION_EXIT_ALPHA_INPUT	NAST_MAIL_RENAME	SEPA_MANDATE_UI_LIST_FULLSCR
CONVERSION_EXIT_ALPHA_OUTPUT	NAST_MAIL_SAVE	SEPA_MANDATE_UI_LIST_POPUP
CONVERSION_EXIT_MATN1_INPUT	NAST_MAIL_SYMBOL_REPLACE	SEPA_MANDATES_API_CHANGE
CONVERSION_EXIT_MATN1_OUTPUT	NAST_MAIL_USER_CONVERT	SEPA_MANDATES_API_CREATE
CONVERSION_EXIT_PARVW_INPUT	NAST_OFFICE_CALL_CHANGE	SEPA_MANDATES_API_DELETE_LOCK
CONVERT_BANK_ACCOUNT_NUMBER	NAST_OFFICE_CALL_DISPLAY	SEPA_MANDATES_API_GET
CONVERT_IBAN_2_BANK_ACCOUNT	NAST_PROTOCOL_DELETE	SEPA_MANDATES_API_OPEN
CONVERT_TO_FOREIGN_CURRENCY	NAST_PROTOCOL_INITIALIZE.	SHOW_JOBSTATE
CONVERT_TO_LOCAL_CURRENCY	NAST_PROTOCOL_STORE	SK_NUMBER_TO_DEST
CONVERT_YEAR_WITH_THRESHOLD	NAST_PROTOCOL_UPDATE	SLIC_GET_LICENCE_DATE
COPO_POPUP_TO_DISPLAY_TEXTLIST	NUMBER_CHECK	SLIC_GET_LICENCE_NUMBER
CORRESPONDENCE_DATA_BUSAB	NUMBER_GET_NEXT	SO_ADDRESS_SHOW
CUA_PARAMETER_READ	OPEN_FORM	SO_DEQUEUE_UPDATE_LOCKS
CURRENCY_AMOUNT_IDOC_TO_SAP	OUTGOING_CALL_PROCESS	SO_NAME_CONVERT
CURRENCY_AMOUNT_SAP_TO_IDOC	PC_OLE_SERVER_CHECK	SO_NEW_DOCUMENT_ATT_SEND_API1
CURRENCY_CODE_ISO_TO_SAP	PERIOD_AND_DATE_CONVERT_OUTPUT	SO_OBJECT_SEND
CUSTOMIZED_MESSAGE	POPUP_CONTINUE_YES_NO	SO_PROFILE_READ
DATA_TRANSFER_IBAN	POPUP_DISPLAY_TEXT	SO_USER_EXIST
DATE_CHECK_PLAUSIBILITY	POPUP_FOR_INTERACTION	SP_CALL_GET
DATE_COMPUTE_DAY	POPUP_GET_VALUES	SP_CALL_GET
DATE_CONVERT_TO_FACTORYDATE	POPUP_GET_VALUES_DB_CHECKED	SPAM_LAST_HOT_PACKAGE
DATE_GET_WEEK	POPUP_GET_VALUES_USER_HELP	

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DATE_TO_PERIOD_CONVERT	POPUP_NO_LIST.	SPELL_AMOUNT
DATUMSAUFBEREITUNG	POPUP_TO_CONFIRM	SPH_CURRENT_SETTINGS_GET
DAY_ATTRIBUTES_GET	POPUP_TO_CONFIRM_DATA_LOSS	SSF_FUNCTION_MODULE_NAME
DB_COMMIT.	POPUP_TO_CONFIRM_DEL	START_FORM
DB_EXISTS_TABLE	POPUP_TO_CONFIRM_LOSS_OF_DATA	START_TIME_DETERMINE
DB_EXISTS_VIEW	POPUP_TO_CONFIRM_MSG_WITH_CALL	STRING_CONCATENATE
DD_DOMVALUE_TEXT_GET	POPUP_TO_CONFIRM_STEP	STRING_LENGTH
DD_DOMVALUES_GET	POPUP_TO_CONFIRM_WITH_MESSAGE	STRING_SPLIT
DD_POPUP_TO_CONFIRM_CANCEL	POPUP_TO_CONFIRM_WITH_VALUE	SUBTRACT_TIME_FROM_DATE
DD_POPUP_WITH_INFOTEXT	POPUP_TO_DECIDE	SUSR_USER_ADDRESS_READ
DD_TBFK_GET	POPUP_TO_DECIDE_COMPL_QUEST	SUSR_USER_PARAMETERS_GET
DDIF_FIELDINFO_GET	POPUP_TO_DECIDE_COMPLEX_QUEST	SWC_ELEMENT_GET
DDIF_NAMETAB_GET	POPUP_TO_DECIDE_INFO	SWC_ELEMENT_SET
DDIF_TABL_GET	POPUP_TO_DECIDE_LIST	SWC_TABLE_GET
DELETE_FROM_MEMORY	POPUP_TO_DECIDE_WITH_MESSAGE	SWC_TABLE_SET
DELETE_TEXT	POPUP_TO_DISPLAY_TEXT	SWE_REQUESTER_TO_UPDATE
DEQUEUE_ALL.	POPUP_TO_DISPLAY_TEXT_LO	SWO_CHILDREN_COLLECT
DEQUEUE_E_TABLE	POPUP_TO_GET_VALUE	SWO_QUERY_EVENTS
DEQUEUE_E_TABLEE	POPUP_TO_INFORM	SWO_QUERY_METHOD
DEQUEUE_EVVBAKE	POPUP_TO_SHOW_DB_DATA_IN_TABLE	SWU_OBJECT_PUBLISH
DEQUEUE_EXKNA1	POPUP_WITH_2_BUTTONS_TO_CHOOSE	SWU_OBJECT_RESTORE
DETERMINE_TXJCD_EXTERNALLY	POPUP_WITH_3_BUTTONS_TO_CHOOSE	SWW_WI_MAIL_RECEIVE
DIMENSION_GET_FOR_UNIT	POST_DOCUMENT IN UPDATE TASK	SXPG_CALL_SYSTEM
DISPLAY_BANK_ADDRESS	POSTAL_CODE_CHECK	SYSTEM_GET_UNIQUE_ID
DISPLAY_LIST	POSTING_INTERFACE_CLEARING	TELECOMMUNICATION_NUMBER_CHECK
DMEE_PUT_ITEM	POSTING_INTERFACE_START	TELNUMBER_FORMAT
DOCU_CALL	PRGN_GENER_EXECUTE_URL	TELNUMBER_STRUCT_TO_NORMAL
DOWNLOAD	PRGN_START_EXECUTE_MODULE	TERM_UPLOAD
DSYS_SHOW_FOR_FIHELP	PRICING	TEXT-F01 INTO SELTAB-BED
DYNP_GET_STEPL	PRICING_DIALOG	TH_CREATE_MODE
DYNP_VALUES_READ	PRICING_SCREEN	TH_SELECT_SERVER
DYNP_VALUES_UPDATE	PRINT_TEXT	TH_SERVER_LIST
DYNPRO_FIELD_GET	PRINT_TEXT_ITF	TIME_CHECK_PLAUSIBILITY
EB_CURRENCY_CODE_ISO_TO_SAP	RANDOM_I4	TMP_GUI_CREATE_DIRECTORY
EDI_DOCUMENT_CLOSE_CREATE_TAB	READ_BANK_ADDRESS	TMP_GUI_DIRECTORY_LIST_FILES
EDI_DOCUMENT_OPEN_FOR_CREATE	READ_EXCHANGE_RATE	TR_SPLIT_TEXT
EDI_PARTNER_TEST_OUTGOING	READ_FORM	TR_SYS_PARAMS
EDI_SEGMENTS_ADD_BLOCK	READ_FORM_ELEMENTS	TRANSFER_IBAN
EDI_STATUS_ADD_BLOCK	READ_FORM_LINES	TXJCD_CHECK
EDIT_TEXT	READ_IBAN	UPDATE_BANK_ADDRESS
END_FORM	READ_IBAN_EXT	UPDATE_IBAN
END_TIME_DETERMINE	READ_TEXT	UPLOAD
ENQUEUE_E_FEBKO	READ_TEXT_INLINE	VIEW_AUTHORITY_CHECK
ENQUEUE_E_TABLE	REFER_TEXT	VIEW_CAS_PARTNER
ENQUEUE_E_TABLEE	REGISTRY_GET	VIEW_ENQUEUE
ENQUEUE_EVVBAKE	RETRIEVAL_TEXT	VIEW_GET_CLIENT_STATE
ENQUEUE_EXKNA1	REUSE_ALV_COMMENTARY_WRITE	VIEW_GET_DDIC_INFO
ENQUEUE_READ	REUSE_ALV_EVENTS_GET	VIEW_KUPAV
EPS_GET_DIRECTORY_LISTING	REUSE_ALV_FIELDATALOG_MERGE	VIEW_KUPAV
EU_TAX_NUMBER_CHECK	REUSE_ALV_GRID_DISPLAY	VIEW_KUPAV
EXECUTE_WINWORD	REUSE_ALV_GRID_DISPLAY_LVC	VIEW_KUPAV
F_VALUES_TXJCD	REUSE_ALV_GRID_LAYOUT_INFO_GET	VIEW_KUPAV
F4_CHOOSE_MCID	REUSE_ALV_GRID_LAYOUT_INFO_SET	VIEW_KUREV
F4_CHOOSE_SEARCH_HELP	REUSE_ALV_HIERSEQ_LIST_DISPLAY	VIEW_KURGV
F4_DATE	REUSE_ALV_LIST_DISPLAY	VIEW_KUWE2
F4_FILENAME	REUSE_ALV_LIST_LAYOUT_INFO_GET	VIEW_KUWEV
F4_FILENAME_SERVER	REUSE_ALV_LIST_LAYOUT_INFO_SET	VIEW_MAINTENANCE_CALL
F4IF_GET_SHLP_DESCR	REUSE_ALV_TABLES_GET	VIEW_VBADR
F4IF_INT_TABLE_VALUE_REQUEST	REUSE_ALV_VARIANT_DEFAULT_GET	VIEWCLUSTER_NEXT_ACTION
F4IF_MAXRECORDS_ALL	REUSE_ALV_VARIANT_EXISTENCE	VRM_SET_VALUES
F4IF_START_VALUE_REQUEST	REUSE_ALV_VARIANT_F4	VRM_SET_VALUES
FI_ACCOUNT_CHECK	RFC_GET_FUNCTION_INTERFACE_P	WFMC_CHECK_PARTNER_ROLE_VALUE
FI_APAR_MANDATE_ACTIVE_CHECK	RFC_PING DESTINATION rfcdest	WFMC_GET_VALUES_BOREVENT
FI_APAR_MANDATE_DEFAULT_REC DAT	RFC_READ_TABLE	WFMC_GET_VALUES_BOROBJECTTYPE

FI_APAR_MANDATE_DEFAULT_SNDDAT FI_APAR_MANDATE_F4_ZBUKR FI_APAR_MANDATE_POPUP_DFLT_REC FI_CHART_OF_ACCOUNT_DETERMINE FI_COMPANY_CODE_DATA FI_CURRENCIES_CONVERT FI_CURRENCY_CHECK FI_CURRENCY_KEY_CHECK FI_CUST_SCROLL FI_DOCUMENT_FIND_DOCLIFE_ENTRY FI_DOCUMENT_PROCESS FI_EDL_REMADV_PEXR2001_OUT FI_MESSAGE_CHECK	RH_CHECK_ORG_OBJECT_EXISTS RH_FA_TASK_HELP RH_GET_TASK_ATTRIBUTES RH_GET_WORKITEM_TYPE RH_TASK_START_HELP RKC_MSG_STRING RKC_SINGLE_EXCHANGE_RATE_GET RKE_DELETE_REPORT ROUND_AMOUNT ROUND_DATE RP_CALC_DATE_IN_INTERVAL RP_CHECK_DATE RP_CHECK_PERNR	WFCM_PROTOCOL_LOAD WFCM_PROTOCOL_REFRESH WFCM_PROTOCOL_REFRESH. WFCM_PROTOCOL_SHOW WFCM_VALUES_FOR_PARTNER_ROLE WRITE_FORM WRITE_FORM_LINES WRITE_LIST WRITE_MESSAGE WS_DOWNLOAD WS_FILE_ATTRIB WS_FILENAME_GET WS_QUERY WS_QUERY WS_UPLOAD
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3. Performance

3.1 Performance and Scalability

Overview on the architecture and design of the product including performance and scalability.	In German: Die Scalability reicht im Bestandskundenbereich von kleinen Organisationen mit weniger als 10.000 Spendern bis hin zu großen Organisationen mit über 7 Millionen Stammsätzen und mehreren Millionen Zahlungssätzen/Belegen.
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3.2 Quality Assurance

Overview on Quality Assurance procedures from the vendors to assure that the interface design and performance consistently conform to specified requirements.	Quality Assurance is based on EFQM model.
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4. Software Product Assessment

4.1 Check Documentation

Functional Documentation	<input checked="" type="checkbox"/> yes Comments:
Installation Documentation	<input checked="" type="checkbox"/> yes Comments:
Maintenance Documentation	<input checked="" type="checkbox"/> yes Comments:
End User Documentation	<input checked="" type="checkbox"/> yes Comments:
Test Plan Documentation	<input type="checkbox"/> yes Comments:
Test Report Documentation	<input type="checkbox"/> yes Comments:
Benchmark Results Documentation	<input type="checkbox"/> yes Comments:

4.2 Install and Configure Product for SAP Integration

How is the installation and setup of the product integration part done?	<input checked="" type="checkbox"/> good <input type="checkbox"/> average <input type="checkbox"/> poor
Remarks	

5. Test Cases

5.1 Checks performed by the AddOn Assembly Kit (AAK)	
Invalid objects	OK
Existence of objects and table entries to be delivered	OK
Assignment to namespace	OK
Delivery of CVERS entries (R3TR VERS) not possible	OK
New objects (entries) in Support Package/CRT	OK
Table entries (check if delivery-relevant/delivery behavior)	OK
Assignment to development class and software component	OK
Table entries in customer name range (protected: TRES)	OK
Included AAK Log of Performed Checks	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Remarks: Several tables are located in Z* namerange; however this is necessary for technical reasons. Add-On provider delivers a list of these tables, so that customer can check before installation and avoid collisions with already existing tables of the same name.	

5.2 Describe test steps to be executed during functional test	
<p>The test cases below (listed in German) are executed to check that the Add-On could run successfully in the SAP environment. SAP does not validate or confirm the correct functionality of the Add-On.</p>	
TestszENARIO 1: Mitglieder- und Leistungsanlage	
1. Aufruf MFplus Cockpit. Die Berechtigung kann über Transaktion /NPO/USE_ME gesteuert werden.	Ist der User in der Tabelle hinterlegt, öffnet sich das Cockpit.
2. Betätigen des Button <i>Anlage nat. Person</i>	Die rechte Seite des CP öffnet sich und Felder zur Dateneingabe sind vorhanden
3. Eingabe Anrede, Name	Geschlecht wird automatisch gefüllt und Briefanrede wird gebildet
4. Wahl einer Organisationseinheit via Werthilfe	Werthilfe hat vorgelegten Strukturtyp VER; Org.Einheit wird gefunden; Org.Einheit wird übernommen; Gültigkeit wird gemäß Eingabe oder Vorbelegung übernommen
5. Auswahl Personenklasse <i>Mitglied</i> aus Werthilfe	Personenklasse wird übernommen; Datum wird aus Org.-Zugehörigkeit übernommen
6. Aufruf Anlage Attribut zur Person und hinzufügen der zwei Attribute (Ein Datum und ein Gliederungswert bis Ebene 3) in einem Schritt	Anlagepopup öffnet sich; Auswahl Referenzgruppe möglich; Auswahl Datumsattribut bringt Datumsfeld zur Eingabe; Übernehmen bringt neue Auswahlmöglichkeit; Auswahl Referenzgruppe, Attribut, Inhalt und Zusatz aufeinander aufbauend; Gesamtübernahme bringt beide Attribute zur Ansicht bei Person

7. Eingabe Relation, Suche zweite Person und Übernahme der Person, Eingabe Datum von und bis	Relation wird angelegt; Reziprokrelation wird angelegt
8. Auswahl Leistung aus Werthilfe, Eingabe Betrag, Zahlungsart und Zahlungsrhythmus	Button Daten vorhanden; Werthilfe enthält nur „passende“ Leistungsarten; Einzug ohne Bankverbindung ergibt Warnung; Sollpositionen werden gemäß Zahlungsrhythmus und Betrag gebildet
9. Leistungsbearbeitung verlassen und Person speichern	Person wird gespeichert; Personennummer generiert; Adresstikett in Tabelle J_4PANSPR enthalten; SAP-Debitor angelegt; Personennummer = Debitorennummer; Adresse in MFplus Tabelle J_4PADRA enthalten; Adresse in ADRC (Adressnummer über KNA1) enthalten; KNB1-Satz angelegt
Testzenario 2 : Kontakanlage und Beitragsänderung	
1. Aufruf MFplus Cockpit und Person aus dem Reiter „zuletzt bearbeitet“ aufrufen	Personen wird im CP auf der rechten Seite zur Bearbeitung aufgerufen
2. Aufruf Reiter Kontakanlage	Reiter ist im Bearbeitungsmodus vorhanden (im Anlagemodus erst nach Sicherung)
3. Eingabe Kontaktdaten und Kontakt speichern	Kontakt wird in J_4PVBKA gespeichert; Kontaktnummer generiert.
4. Aufruf der Leistungsbearbeitung. Dort in die Details und Positionsdaten. Eingabe einer zeitlich abhängigen Betragsänderung und Sicherung der Person	Ein zusätzlicher Positionssatz in Tabelle J_4PLSTGTU wurde erzeugt; Die Sollstellungen wurden angepasst.
Testzenario 3: Kündigung und Reaktivierung	
1. Aufruf MFplus Cockpit und Eingabe des Namens in der Suchmaske	Person wird gefunden (ggf. weitere Personen mit gleichem Namen); Beachtung max. Trefferzahl.
2. Aufruf der Person aus Trefferliste	Personen wird im CP auf der rechten Seite zur Bearbeitung aufgerufen
3. Wechsel auf Reiter Zugehörigkeit und Absprung in die Kündigungstransaktion.	Transaktionswechsel möglich
4. Eingabe Kündigungsgrund und -datum. Vorgang speichern	Werthilfe zeigt nur passende Kündigungsgründe; Rücksprung zum Stammsatz; Personenklasse beendet; Leistung analog beendet; Sollstellungen gem. Enddatum angepasst (Kündigungsgrund verstorben löscht alle Sollstellungen).
5. Erneuter Aufruf der Person und Wechsel in die Leistungsdaten. Dort Button Reaktivierung betätigen.	Reaktivierungsfunktionalität öffnet sich.
6. Eingabe Reaktivierungsdaten. Bestätigung und Person sichern.	Personenklasse und Leistungsart wieder gültig bis Ultimo; Leistungspositionen wie vor der Kündigung vorhanden; Sollstellungen reaktiviert
7. Aufruf Einzelerfassung von Zahlungen	Personennummer vorbelegt
8. Auswahl Geldkonto; Eingabe Betrag und Betätigen Button Sollstellungen	Sollpositionen stehen zur Verfügung

9. Sichern ohne Markierung einer Sollstellung	Fehlermeldung „Saldo“
10. Zahlungsbetrag < Sollstellung. Button Anpassen und Sollstellung an niedrigeren Zahlbetrag anpassen. Zahlung sichern.	Sollstellung in MFplus entsprechend angepasst; Datensatz mit gefülltem DATAG aus Tabelle J_4PLSTGP in Tabelle J_4PLSTGPI kopiert; Zur Leistungsbelegnummer/Positionsnummer existiert ein Satz in J_4PBELEG mit Belegtyp FI; SAP-Beleg in BKPF/BSEG vorhanden; Konten gemäß Geldkonto und Verwendungszweck gebucht
Testzenario 4: Spendenmailing und Spendenbuchung	
1. Aufruf Aktionsanlage und Eingabe Org.Einheit, Bezeichnung, Namen, Aktionsgruppe. Eingaben speichern	Ohne Organisationseinheit keine Eingabe Aktionsgruppe und kein Sichern möglich; Absprung in Aktion ändern automatisch
2. Selektion Zielgruppe über Aktion erweitern (Person aus Prozessen 1 bis 4 sollte enthalten sein)	Öffnung Listgenerator; Aktion während Selektionszeitraum gesperrt; Zielgruppe selektiert und Aktion zugeordnet
3. Aufruf variable Ausgabe und Erstellung einer csv.-Datei	Daten gemäß Zusammenstellung ausgegeben.
4. Aufruf Schnellerfassung von Zahlungen, Eingabe Leistungsart Spende und Betätigung des Button für Vorbelegung (Automatisch setzen).	Vorbelegung (Markierung der Mussfelder erfolgt)
5. Hinzufügen der Aktion. Füllen Geldkonto, Währung, Datumsfelder, Aktion und generieren des Erfassungsscreens	Felder gemäß Auswahl in der Schnellerfassungsmaske generiert
6. Eingabe Personennummer, Verwendungszweck und Betrag. Sichern der Eingaben. Anschließend Aufruf der Abstimmliste. Diese dann sichern nach Kontrolle	Daten in Abstimmliste korrekt enthalten.
7. Aufruf Buchungsreport und Start mit eingebendem User	Buchung erfolgt. Sätze in J_4PLSTGPI enthalten; Aktion in J_4PLSTGPI-Satz enthalten; Zur Leistungsbelegnummer/Positionsnummer existiert ein Satz in J_4PBELEG mit Belegtyp FI; SAP-Beleg in BKPF/BSEG vorhanden; Konten gemäß Geldkonto und Verwendungszweck gebucht; Person hat automatisch Personenklasse Spender erhalten; Spende auf Personenkonto enthalten; Leistung zur Person angelegt
Testzenario 5: Quittierung und Stornierung	
1. Start Programm zur Erstellung einer Zuwendungsbestätigung	Start ohne Eingabe Jahr, Quittungskennzeichen, _Verarbeitungsvariante nicht möglich
2. Eingabe Personennummer, Jahr 2011, Verarbeitungsvariante 3, Quittungskennzeichen „E“ und Start des Programms online	Person hat ZWB über die Spende erhalten (Tabelleneintrag J_4PQUIT...Formular nur als Muster auf System enthalten); Zur Leistungsbelegnummer/Positionsnummer wurde in Tabelle J_4PBELEG ein Satz mit Belegtyp Q1 erzeugt

3. Aufruf Quittungsverwaltung und Kontrolle Quittungssatz	Quittungssatz mit korrekten Werten enthalten
4. Aufruf Zahlungsstornierung	Personennummer vorbelegt
5. Selektion Spende über Buchungsliste und Auswahl der Spende	Beleg wird übernommen
6. Sichern der Stornierung	Satz in J_4PLSTGPI bekommt Stornokennzeichen; In J_4PBELEG wurde ein Stornosatz erzeugt; Ein FI-Beleg wurde als Stornobuchung des Zahlungseingangs erzeugt Quittungssatz (J_4PQUIT) bekommt Stornierungskennzeichen.

6. Additional Service and Support

Does the partner company offer consulting services for this product?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Remarks	

Does the partner company offer training classes for this product?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Remarks	

Does the partner company offer general problem support for this product?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Remarks	+49241/1890-550

7. Partner Confirmation

Partner states that by following the guidelines of the ICC Integration Assessment or ICC Integration Guide, only the integration technologies listed in this document are used in the described interface software.

ABAP add-on deployment Certification is only valid for the SAP release and partner product release noted in this document; in the event of SAP or partner release changes SAP offers re-certification of the interface software.

The partner solution **has not been deployed or tested on SAP Solution Manager** as part of the certification procedure. It's therefore not "certified for SAP Solution Manager".