

Version 5.10 Uninstalling Adapter for SAP

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1 Introduction

The FORCAM FORCE™ Adapter for SAP can be uninstalled from the SAP system.

All FORCAM adapter objects are developed in a separate package and will not modify any SAP standard objects.

The FORCAM FORCE™ Adapter for SAP is using a specific namespace, registered for FORCAM only. Customer specific enhancements are not subject of this manual but must be considered accordingly in uninstallation process of the FORCAM Adapter.

This manual is divided into two sections; one for deactivation and preliminary steps and one for addon software uninstallation.

The deactivation and all preliminary steps must be done before the complete uninstallation.

The tasks detailed in this manual should be performed by SAP basis personnel with the assistance of FORCAM consultants.

(i) A SAP developer key is required to delete the FORCAM FORCE™ Adapter for SAP. Removal of customer specific programs or procedures is not part of this manual but should be considered with the whole uninstallation activity.



2 Deactivation of the FORCAM Adapter

The activities listed below describe the deactivation of the FORCAM SAP integration. The FORCAM Adapter for SAP is a batch interface and communicates via IDOC exchange.

First target must be the disconnection of this IDOC flow and prevention of new IDOCS in SAP IDOC inbox and outbox.

i If any of the removal activities are performed then all the removal activities must be performed as the system will not function properly at this point.

2.1 Deactivation of FORCAM FORCE™ Configuration for SAP Integration

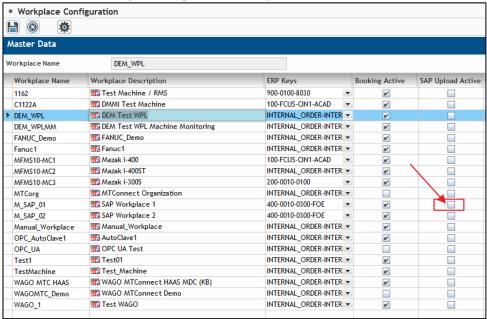
The configuration in FORCAM FORCE™ must be deactivated to disable the message flow from and to SAP. FORCAM FORCE™ will be disconnected from SAP.

Main objective: There are no messages being sent from FORCAM or RFC calls being made to SAP. Also, no new messages received from SAP must be processed. Empty the send queue as well.

The steps to perform this are described below:

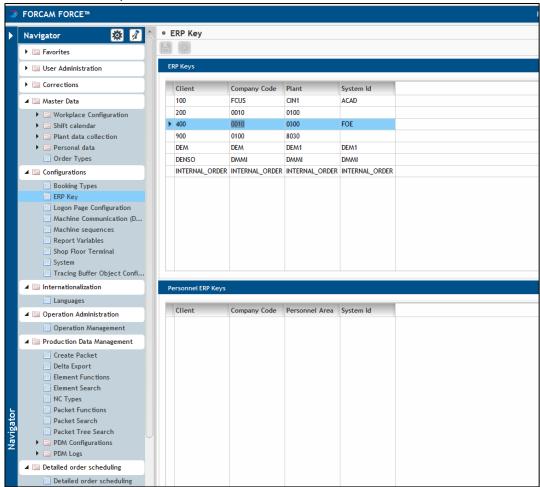
Edit the FORCAM workplaces and change the ERP key to INTERNAL_ORDER.



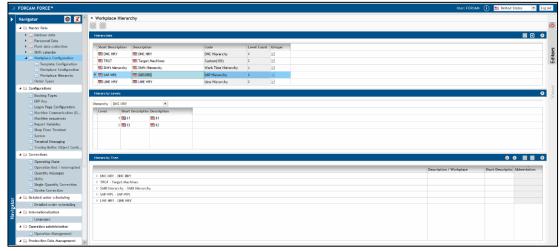




Remove the ERP key.

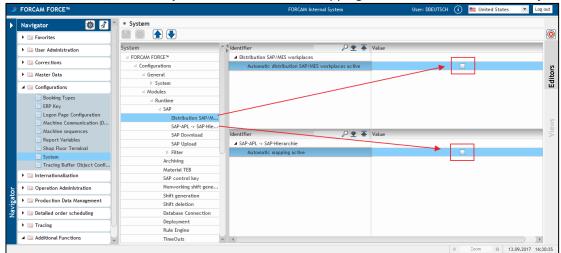


Optional: remove SAP workplaces from the FORCAM SAP hierarchy.

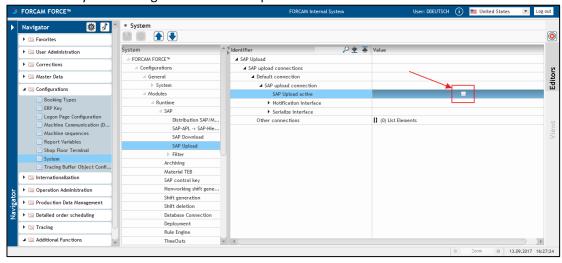




Disable the system configuration "Automatic Distribution of Workplaces SAP/MES" in
 Distribution SAP/MES workplaces and "Automatic mapping" in SAP-APL -> SAP-Hierarchy.



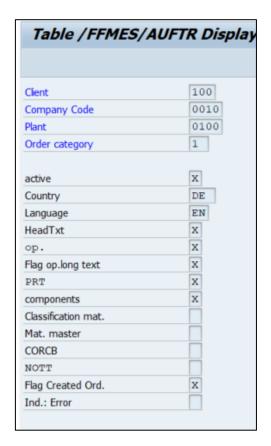
Disable the system configuration for SAP Upload.





2.2 Stop Creation of New FORCAM IDOCS in SAP IDOC Outbox

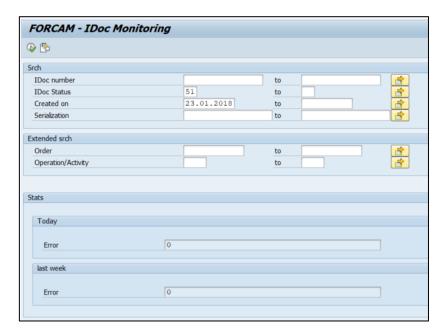
Remove the **active** flag from the **/FFMES/AUFTR** table. By deactivating the flag, outbound IDOCs with order data will no longer be created.





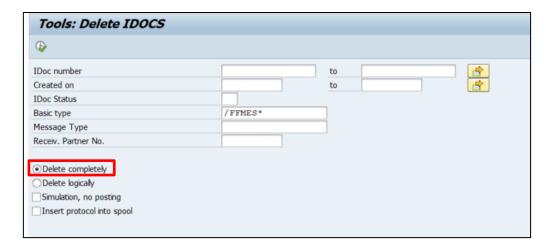
2.3 Work on existing FORCAM IDOCS in SAP IDOC outbox and inbox

Process all FORCAM specific un-processed or error IDOCs which exist in the system. To perform this task, you can use the FORCAM report **/FFMES/IDOC_MON**.



Delete all FORCAM basic type IDOCs from the system by using the FORCAM program **/FFMES/IDOC_DELETE**.

The **Delete completely** option must be used to remove IDOCs from all databases.



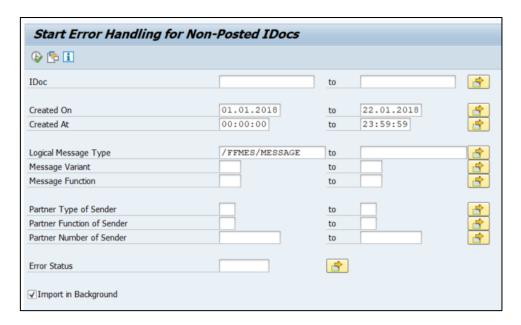


2.4 Delete RFC Interface User

System user for RFC communication used by FORCAM interface for uploading messages to SAP must be deleted or deactivated.

2.5 Stop Continuous Activities

Stop and remove all planned Service-Jobs for IDOC reprocessing of FORCAM IDocs. Reprocessing is mostly done by executing the standard program **RBDMANIN** with specific FORCAM-Variant.

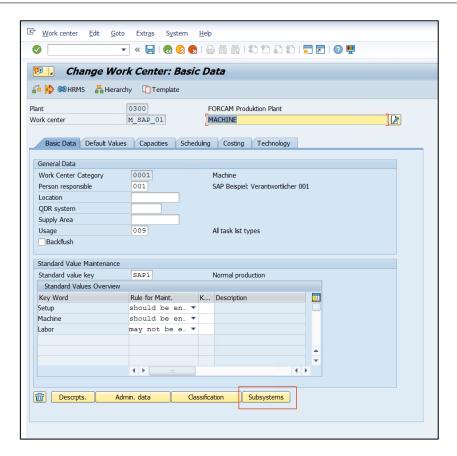


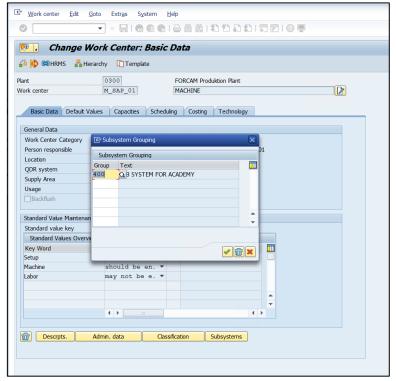
2.6 Remove Subsystem Grouping in SAP Work Center

Maintenance of FORCAM-specific sub-system grouping in work center enables the transfer of order operations into the FORCAM system.

To disable this transfer, remove subsystem grouping information in the FORCAM relevant Work Center (**CR02**).



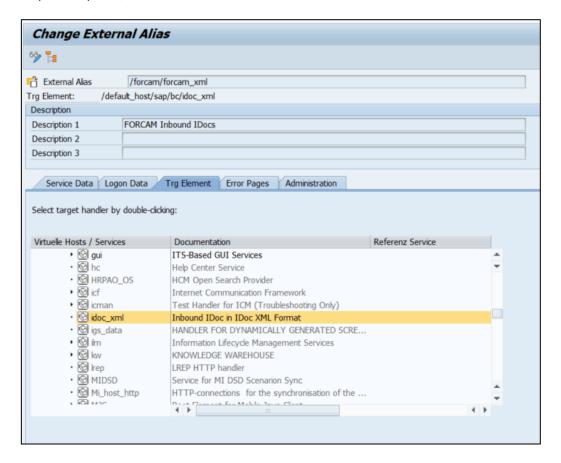






2.7 Remove ALIAS services maintained in SICF

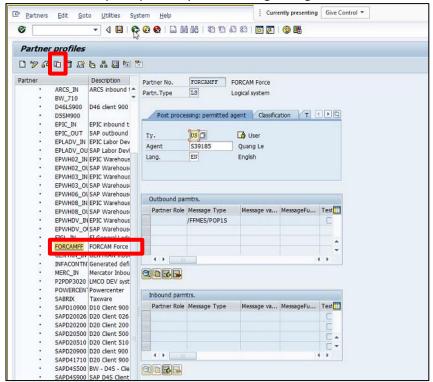
ALIAS of SAP standard idoc_xml service has been created for uploading data to SAP. To interrupt this upload, remove FORCAM related ALIAS services via **SICF** code.



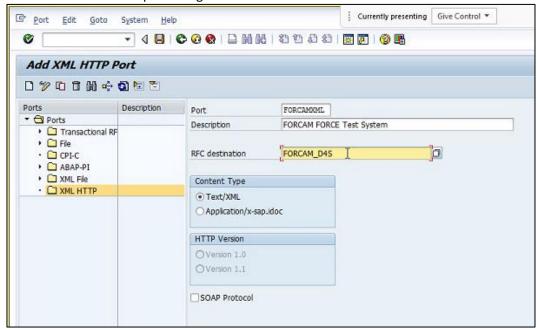


2.8 Remove FORCAM Specific Standard Customizing

Remove the complete partner profile settings using transaction WE20.

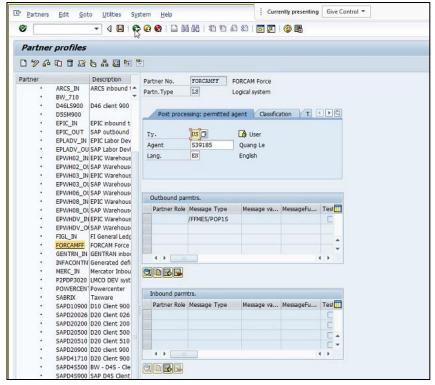


Remove the outbound port using transaction WE21

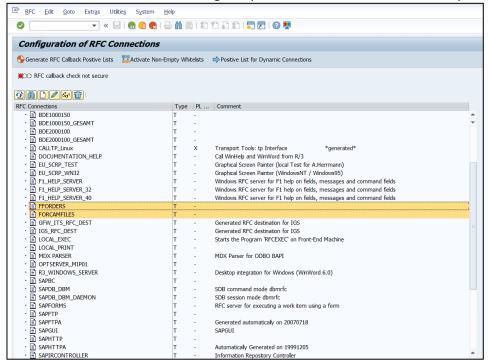




Remove the RFC destination using transaction SM59.



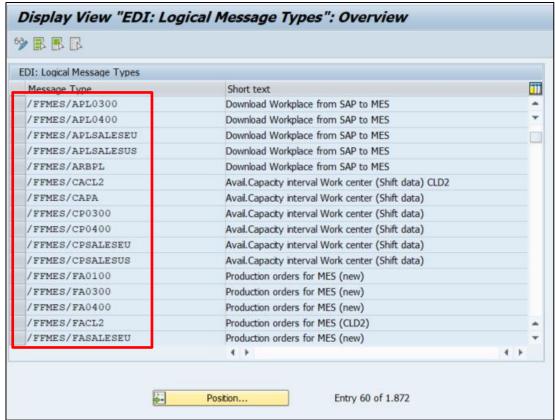
In transaction SALE: Remove the logical system definition for the FORCAM system.



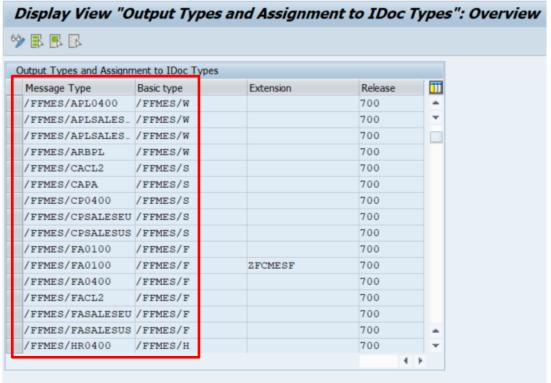
Example entries for logical system definition



Remove all FORCAM specific message types via transaction WE81.

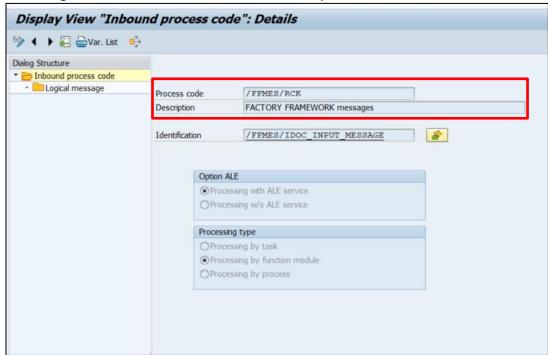


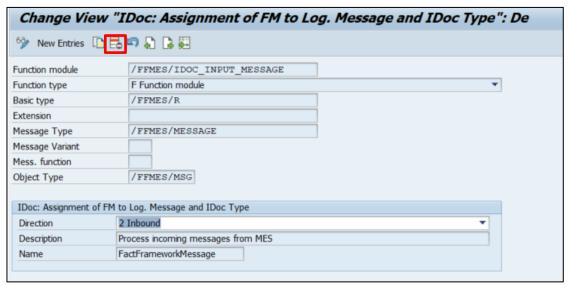
Remove all logical messages assigned to FORCAM basic types via transaction WE82.





Remove all FORCAM related process codes in SAP via transaction WE42. While deleting this,
 IDOC assignments to FM will be deleted automatically.

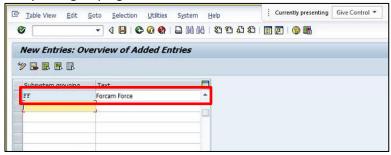




This data will be automatically deleted (originally maintained in WE57).



 Remove specific subsystem grouping for the FORCAM Adapter in transaction SPRO. This subsystem grouping is obsolete after the uninstallation of the FORCAM Adapter.



(i) Make sure that no further records and work centers in all systems are using this subsystem grouping before removal in the SAP Development System.



3 Add-on Software Uninstallation

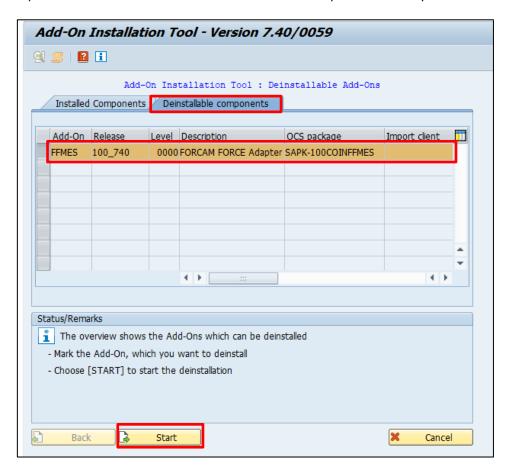
Uninstallation of add-on component from SAP environment is not without risk. If the system in question is a development or quality test system, it is highly advisable to store a copy of a production or backup of the system before FORCAM was introduced to ensure removal of all modifications.

Exclusions:

- ① Only SAP to FORCAM FORCE™ integration is configured in the environment.
- The FORCAM Adapter for SAP must only be removed from the SAP system and configuration under great caution and with full consulting support from the FORCAM team.

The FORCAM Adapter must be uninstalled via transaction **SAINT**:

- 1. In the **SAINT** screen, go to the **Deinstallable components** tab.
- 2. Select the appropriate add-on component and click **Start**. This process will start the uninstallation of Add-On component in the system.





- → After following SAP instructions during uninstallation process, a success message is displayed.
- 3. Click Finish.
- → The FORCAM Adapter is uninstalled from the SAP system.

