



SophisTex Document Control+

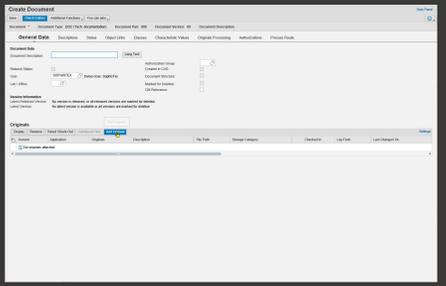
for SAP PLM 7 on ECC 6.0 and SAP S/4HANA



sophisTex
sophisticated technology

Document Control+
for SAP PLM7 on ECC 6.0 and S/4

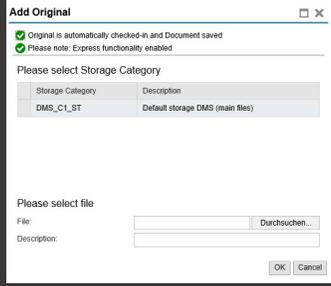
- Fully disable Whitelist /ACF/Java Applet functionality in Document WebUI.



- Avoid Java Security popups and browser incompatibilities/freezes on the client.



- Express upload originals in Document WebUI (one-click upload includes check-in and saving).





Create Document Side Panel

Save | **Check Entries** | Additional Functions | You can also

Document * Document Type DOC (Tech. documentation)

General Data Descriptions Status

Document Data

Document Description:

Release Status:

User: SOPHISTEX Demo-User, SA

Lab / Office:

Version Information

Latest Released Version: No version is released, or all released versions are marked for deletion

Latest Version: No latest version is available or all versions are marked for deletion

Originals

Display Remove Reset Check-Out Additional Files **Add Originals**

Version	Application	Originals
No originals attached		

Feature 1: Runs completely in the backend/ABAP via transport, no browser or client dependent components. The ACF Applet or Java is not needed anymore.

Feature 2: The solution integrates seamlessly (only new buttons or popups) into the Document WebUI and into the object links (tab "Documents" in Material, BoM, Recipe, Specification...).

Feature 3: The solution can be activated or deactivated by a switch, as well as individual parts of the solution.



Software-Component	Release	Support Package Stack Level
EA-APPL	606 or higher	All SPS
PLMWUI	740 or higher	All SPS
ECC & S/4HANA	Fully compatible with S/4HANA 1909+	



Create Document

Save | **Check Entries** | Additional Functions | You can also

Document * | Document Type DOC (Tech. documentation) | Document

General Data | Descriptions | Status | Object Links

Document Data

Document Description: Long

Release Status:

User: SOPHISTEX Demo-User, SophisTex

Lab / Office:

Version Information

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Originals

Display | Remove | Reset Check-Out | Additional Files | **Add Original**

Version | Application | Originals

No originals attached

Add Original

Original is automatically checked-in and Document saved

Please note: Express functionality enabled

Please select Storage Category

Storage Category	Description
DMS_C1_ST	Default storage DMS (main files)

Please select file

File: Durchsuchen...

Description:

OK | Cancel

Change Document: 1000001798

Save | Read Only | **Check Entries** | Additional Functions

Original saved and checked-in.

Document saved

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Express Upload
(one-click)

➔

Select File and
Storage Category (optional, can be
hidden & set automatically)

➔

Original saved and
checked-in



Change Material: 1012

Save | Read Only | Check Entries | Revision Level | Additional Functions | You can also

Material 1012 Description SophisTex Demo Product Material Type Finished product

General Data Descriptions Status Classes Characteristic Values Documents Manufacturer Parts Plant Data

Show Version(s): All | Export | Delete Document Assignment | **Create Original** | Create Version | Open Original | Add Original | Filter Settings

Document	Document Type	Document Part	Document Version	Description	Status	Locked	Long Text Exists	Long Text
1000001802	DOC	000	00	Test in Material Original - Link		<input type="checkbox"/>	<input type="checkbox"/>	Create

Industry Standard Description:

Old Material Number:

Basic Material Assign Parameters

Change Material: 1012

Save | Read Only | Check Entries | Revision Level | Additional Functions | You can also

Material 1012 Description SophisTex Demo Product Material Type Finished product

General Data Descriptions Status Classes Characteristic Values Documents Manufacturer Parts Plant Data

Show Version(s): All | Export | Delete Document Assignment | Create Original | Create Version | **Open Original** | Add Original | Filter Settings

Document	Document Type	Document Part	Document Version	Description	Status	Locked	Long Text Exists	Long Text
1000001802	DOC	000	00	Test in Material Original - Link		<input type="checkbox"/>	<input type="checkbox"/>	Create

Volume: Volume Unit:

Length:

Width:

Height:

Memo for Dimensions:

Accessories

Ownership

Environment

Client-Specific Configuration

Material is Configurable:

Manufacturer Part

Create new Document Info Record

Please select Document Type

Document Type: Tech. documentation (DOC)

Please select file

File: C:\Users\ | Durchsuchen...

Description: Test in Material

OK Cancel

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One-click popup to create new DIR with originals → Select File and Document Type → Original uploaded and linked Object (Material) automatically saved (switchable)



Create Document Side Panel

Save | **Check Entries** | Additional Functions | You can also

Document * | Document Type DOC (Tech. documentation) | Document Part 000 | Document Version 00 | Document Description

General Data | Descriptions | Status | Object Links | Classes | Characteristic Values | Originals Processing | Authorizations | Process Route

Show Version(s): All | Export | Delete Document Assignment | Create Original | Open Original

Manage Document

Document Type	Document Part	Document Version	Description	Status	Locked
DOC	000	00	Test_Doc	Start of Work	<input type="checkbox"/>

Version Information
 Latest Released Version: No version is released, or all released versions are marked for deletion
 Latest Version: No latest version is available or all versions are marked for deletion

Add Original

Original is automatically checked-in and Document saved
 Please note: Express functionality enabled

Please select Storage Category

Storage Category	Description
DMS_C1_ST	Default storage DMS (main files)

Please select file

File: Durchsuchen...

Description:

OK Cancel

Add Original

Original is automatically checked-in and Document saved
 Please note: Express functionality enabled

Please select file

File: Durchsuchen...

Description:

OK Cancel

Replace original functionality:

Upload a new original and Document Control+ automatically deletes the old one.

Optional feature:

Use customizing to either show all Storage Categories, a limited choice or automatically set and hide the Storage Category completely.



The screenshot shows the SAP transaction SE7(1)/800 Display IMG. The navigation tree on the left is expanded to 'SophisTex Functional Solutions' > 'SophisTex Document Control Plus', with two items highlighted: 'Define Storage Categories for Document Types' and 'Define default Document Type for Object Links'. Below the tree are two change views:

Change View "STX DIR: Object Link Storage Category for Document Type":

Ty.	Data Carrier	Default
RMS	DMS_C1_ST	Set to TRUE
RMS	DVS1CONT	Set to FALSE

Change View "STX DIR: Object Link default Document Type": Overview

Obj. Type	Ty.
/PLMB/RCP	RMS

All Customizing is available via transaction /STX/CUS under SophisTex Functional Solutions – Document Control Plus.

Define Storage Categories for Document Types

For each Document Type a set of Storage Categories can be defined. One Storage Category can be marked as default. In the UI this information will be used to pre-select the Storage Category and filter the list of available Storage Categories.

Define default Document Type for Object Links

A default Document Type for an Object Link can be defined. This default Document Type will be pre-selected in one-click actions e.g., "Add Original".



The screenshot shows the SAP Display IMG interface. The breadcrumb trail is: SE7(1)/800 Display IMG > Existing BC Sets > BC Sets for Activity > Activated BC Sets for Activity. The Structure tree is expanded to: SophisTex Add-On Solution Customizing > SophisTex BASIC Customizing > SophisTex Switch Framework. The item 'Maintain Switches & Conditions' is highlighted with a red box and an arrow.

Below this, another screenshot shows the 'Function Switches' table. The breadcrumb trail is: Project Switch > STX_MAIN_PROJECT > Solution Switch > STX_SOL_FCT_DOC. The table lists various function switches with their active status and descriptions.

Function Switch	Active	Description
STX_SOL_FCT_DOC_DIR_ADD_ORI	<input checked="" type="checkbox"/>	Document Control+: Add Original Button in Docur
STX_SOL_FCT_DOC_DIR_B4S_APPL	<input checked="" type="checkbox"/>	Document Control : Before start of application BA
STX_SOL_FCT_DOC_DIR_DLWO_S...	<input type="checkbox"/>	Document Control+: Download Original without S
STX_SOL_FCT_DOC_DIR_HIDE_CRE	<input checked="" type="checkbox"/>	Document Control+: Hide Create Checkin Button
STX_SOL_FCT_DOC_DIR_OPEN_A...	<input checked="" type="checkbox"/>	Document Control : Display/Hide button to open
STX_SOL_FCT_DOC_DIR_REP_ORI	<input checked="" type="checkbox"/>	Document Control+: Replace Original Button in Dc
STX_SOL_FCT_DOC_DIR_UPD_ESH	<input checked="" type="checkbox"/>	Document Control+: Update ESH change pointers
STX_SOL_FCT_DOC_FNAME2DESC	<input checked="" type="checkbox"/>	If description is blank, copy filename(w/o extensic
STX_SOL_FCT_DOC_GEN_CHK_C...	<input checked="" type="checkbox"/>	Document Control+: Enable Open checked out fil
STX_SOL_FCT_DOC_GEN_DISA_A...	<input checked="" type="checkbox"/>	Document Control+: Disable ACF Applets
STX_SOL_FCT_DOC_HIDE_ADD_FIL	<input checked="" type="checkbox"/>	Document UI: Hide button 'Additional Files'
STX_SOL_FCT_DOC_HIDE_RES_CH...	<input checked="" type="checkbox"/>	Document UI: Hide button 'Reset Check-Out'
STX_SOL_FCT_DOC_NO_POPUP	<input checked="" type="checkbox"/>	Document Control+: Disable confirmation pop-ups
STX_SOL_FCT_DOC_OBJ_IGN_WL	<input checked="" type="checkbox"/>	Document Control+: Document UI -> Ignore Whi
STX_SOL_FCT_DOC_OBJ_LINK_A...	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Add Origir
STX_SOL_FCT_DOC_OBJ_LINK_C_O	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Create Or
STX_SOL_FCT_DOC_OBJ_LINK_C_V	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Create Ve
STX_SOL_FCT_DOC_OBJ_LINK_H_A	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Hide Add
STX_SOL_FCT_DOC_OBJ_LINK_I_C	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Check lea
STX_SOL_FCT_DOC_OBJ_LINK_O...	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Open Orig
STX_SOL_FCT_DOC_OBJ_LINK_R_O	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Replace O
STX_SOL_FCT_DOC_OBJ_LINK_TBC	<input checked="" type="checkbox"/>	Document Control+ Object Linkage UI: Toolbar Bi
STX_SOL_FCT_DOC_OBJ_LINK_VER	<input type="checkbox"/>	Document Control+ Object Linkage UI: Hide creat
STX_SOL_FCT_DOC_TRG_SAVDOL...	<input checked="" type="checkbox"/>	Trigger Save for Document object link when calle
STX_SOL_FCT_DOC_USE_1ST_WS...	<input checked="" type="checkbox"/>	Document Control+ Use first WS Application as de
STX_SOL_FCT_DOC_USE_TDWA...	<input checked="" type="checkbox"/>	Use default application maintained in table TDWAI

The Document Control+ solution offers switches to enable and disable functionality on very detailed basis. Switch Customizing is available via transaction /STX/CUS under SophisTex Basic Customizing – SophisTex Switch Framework – Maintain Switches & Conditions.

Navigate through Project STX_MAIN_PROJECT and Solution STX_SOL_FCT_DOC.



Create Document

Save Check Entries Additional Functions You can also

Document * Document Type DOC (Tech. documentation) Document Part 000 Document Version 00 Document Description

General Data Descriptions Status Object Links Classes Characteristic Values Originals Processing Authorizations Process Route

Document Data

Document Description: Long Text

Release Status:

User: SOPHISTEX Demo-User, SophisTex

Lab / Office:

Version Information

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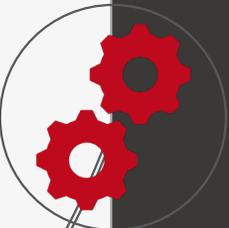
Originals

Display Remove Reset Check-Out Additional Files Add Original

Version	Application	Originals	Description	File Path	Storage Category	Checked In	Log Field	Last Changed On
No originals attached								



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Thank You!

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