



OB10 to COCKPIT Connector

Product Description

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Overview

This document describes the *OB10 to COCKPIT Connector* for ReadSoft Service Bus.

ReadSoft Service Bus is an integration platform that extends ReadSoft solutions by providing universal capabilities for integrating and customizing document-driven processes. ReadSoft Service Bus (RSB) adds high customer value to ReadSoft solutions and reduces solution implementation times for custom projects. It is service-orientated, expandable, facilitates easy integration and allows component reuse across multiple systems.



RSB uses *connectors* to facilitate communication between systems.

The OB10 to COCKPIT Connector

The OB10 to COCKPIT Connector facilitates communication between OB10 and COCKPIT. Using RSB's administration page, you can easily route document information from OB10 to COCKPIT and monitor document status. This saves time and money over traditional methods of connecting systems, and because the OB10 to COCKPIT Connector is a *standard integration*, it has the added benefit of support and updates from ReadSoft's Integration Center.

Key concepts and features

The OB10 to COCKPIT Connector makes connecting OB10 to COCKPIT easier than other methods and has the following features:

- Unzips XML invoices and images provided by OB10. See the OB10 adapter technical description for more information on OB10's XML format.
- Automatically sends invoices from OB10 to COCKPIT.
- Provides easy configuration and monitoring via ReadSoft Service Bus.

Components

The OB10 to COCKPIT Connector is composed of the following parts:

- **OB10 adapter** - transforms invoice data to a common format.
- **RSB** - coordinates communication between adapters.

- **INVOICE COCKPIT adapter** - sends invoice data and image files to COCKPIT.

Supported systems

The following systems are supported:

- OB10
- ReadSoft Service Bus 2-1 and newer
- INVOICE COCKPIT 3.1

Installation

The OB10 to COCKPIT Connector installation installs the ReadSoft Service Bus and adapters for communication with the systems involved. The software can be installed on any computer with network access to the OB10 and the SAP system where INVOICE COCKPIT runs.

RSB configuration

After you install ReadSoft Service Bus and the appropriate adapters, you must configure RSB. The basic steps you perform are:

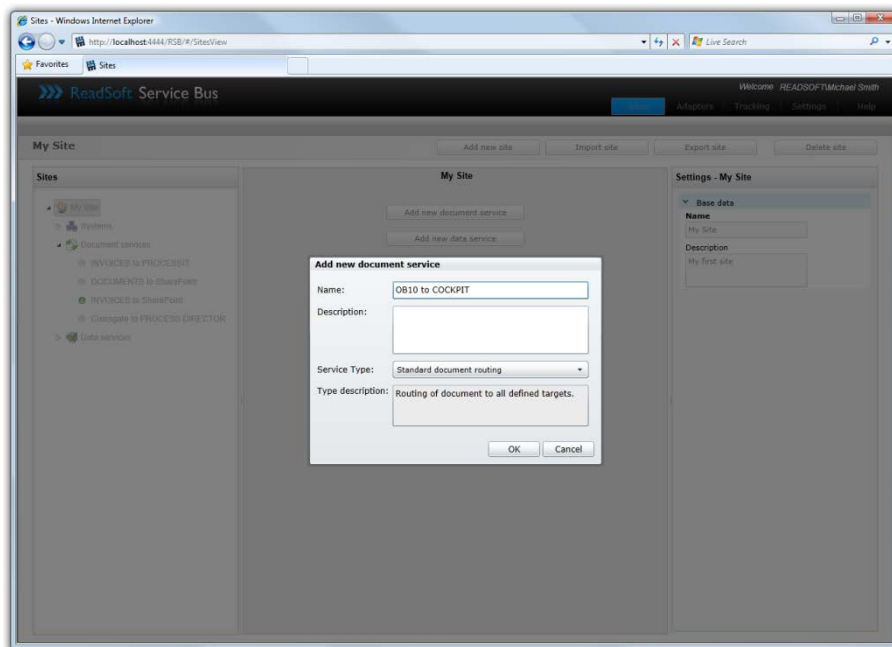
1. [Create a document service](#) to coordinate the transfer of documents.
2. Configure source and target [activity settings](#) according to the systems involved.
3. [Map fields](#) between the systems.

Create a document service

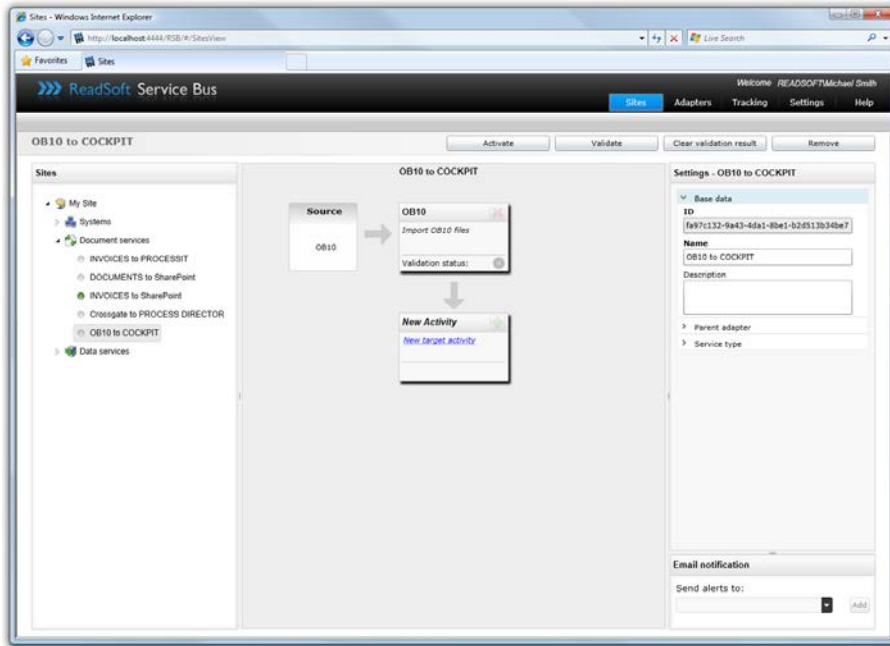
You configure the OB10 to COCKPIT Connector using the RSB administration page.

See Help for more details about the procedures outlined below.

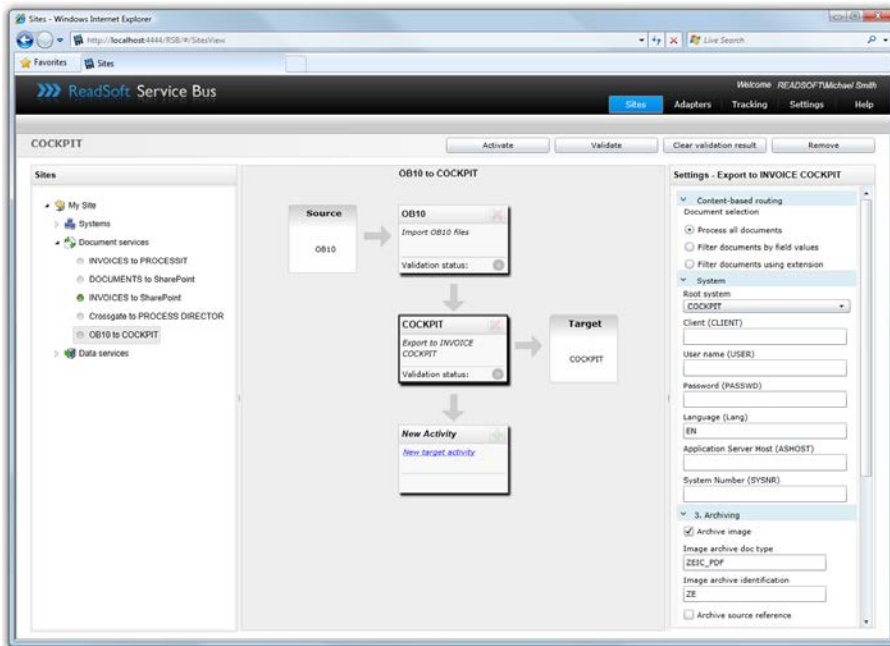
1. Select the **Document services** node and click **Add new document service**.
2. Select **Standard document routing** as the **Service type**.



3. Create a new source activity and select **Import OB10 files** as the **Activity**.



4. Create a new target activity and select **Export to INVOICE COCKPIT** as the **Activity**.

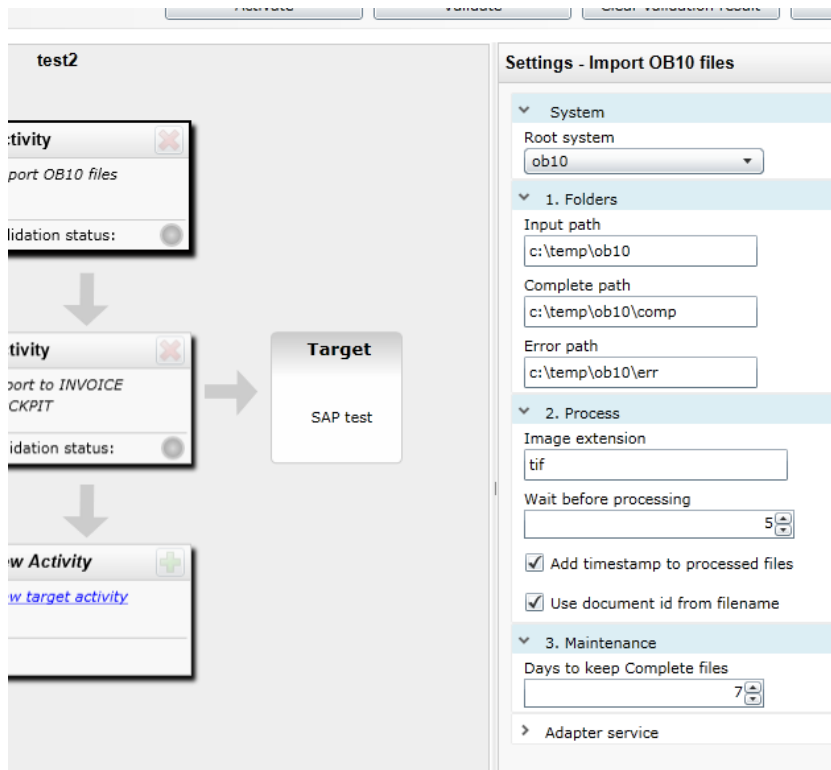


5. Configure the source and target [activity settings](#).
6. [Map fields](#) between OB10 and INVOICE COCKPIT.

The activity is now ready for use in the service. Be sure to activate the service configuration before you use it.

OB10 settings

When you create a document-routing service for the OB10 to COCKPIT Connector, there are a few settings you must adjust.



Folder settings

Specifies the network location where files are retrieved (**Input path**) and moved to when processed (**Complete** and **Error path**).

Process settings

Image extension	Image file extension expected to be found in the ZIP file sent by OB10, for example TIF or PDF.
Wait before processing	The number of minutes (from the time a ZIP file is created) to wait before the adapter retrieves a new ZIP file.
Add timestamp to processed files	If selected, all files moved to Complete or Error folders are suffixed by a timestamp (format <code>yyyyMMddHHmmss</code>).

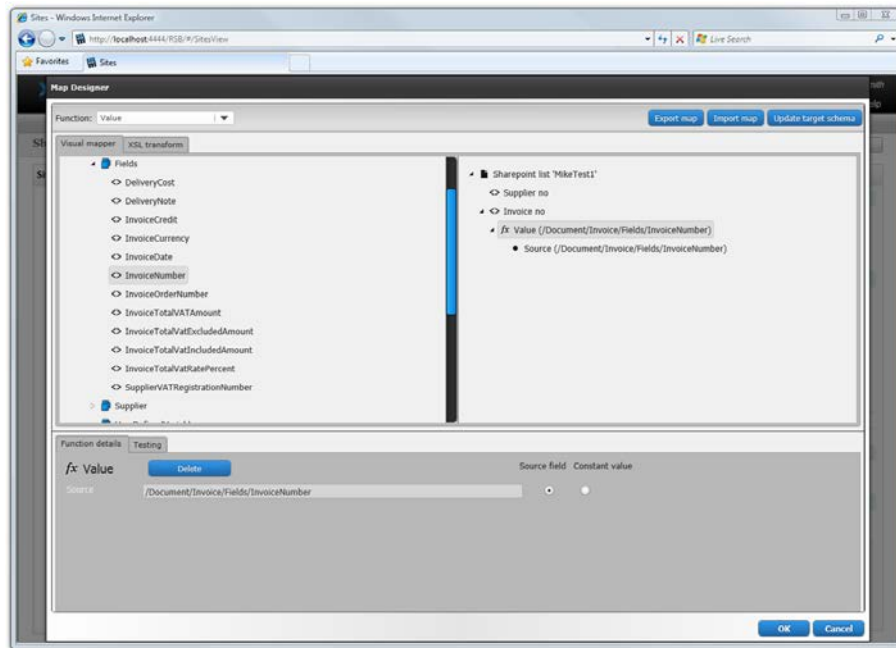
	<p>For example, a file originally named AAA012345678901.zip is renamed to AAA012345678901_20101231145223.zip when moved.</p>
<p>Use document id from filename</p>	<p>If selected, a GUID (used within RSB and when communicating with target systems) is created using the filename. This is useful when resubmitting error files.</p> <p>If not selected, a new GUID will be generated each time a document is posted.</p>
<p>Days to keep complete files</p>	<p>Number of days to keep complete files.</p> <p>Files that have been processed successfully and are older than the days specified here are deleted automatically.</p> <p>Note: Error files are never deleted automatically, so administrators have time to diagnose them.</p>

Map fields

Mapping fields between two systems is easily managed using the Map Designer, an integrated tool that lets you connect corresponding fields and apply functions with an easy-to-use drag-and-drop interface.

See Help for more details about the procedure below.

1. Select the INVOICE COCKPIT activity in the design area.
2. Click **Edit map (Mapping settings)** to display the **Map Designer** dialog.



3. Select the function you want to perform from the **Function** list. Leave the default function if you want to perform a simple map.
4. Drag-and-drop a field from the source system, on the left side, to the corresponding target field on the right side. Depending on the function you use, you may need to adjust the settings in the Function details tab at the bottom of the dialog.
5. Click **OK** to save the settings.