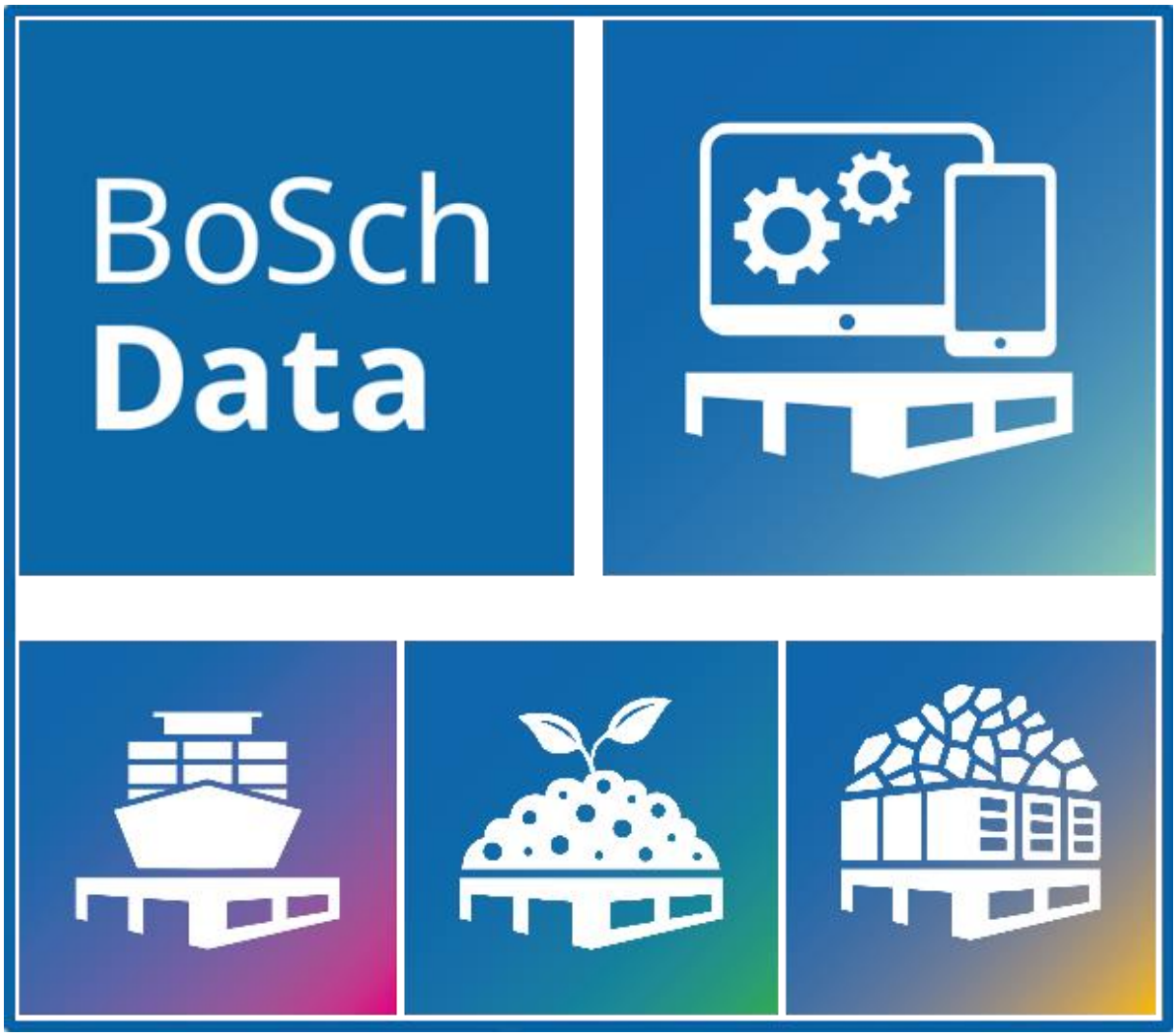

User Manual
comMAN

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INTRODUCTION

The app was designed for

The **comMAN App**, built on **Microsoft Dynamics™ Business Central®**, is designed to streamline communication processes and manage diverse integration requirements. Whether users need to connect Business Central with **Microsoft Azure™ BLOB Storage**, **Microsoft Azure™ File Storage**, or other external endpoints, comMAN provides seamless cross-system communication and messaging.

Other applications can integrate their import and export logic while comMAN handles all file-related operations in the background, ensuring a consistent and reliable data exchange.

Trainings for App Solutions

We understand that effective training is essential to help you get the most out of your investment in the **BoSch Data – comMAN application**. Our expert-developed training programs keep your knowledge of the solutions up to date and support you in building the skills needed to fully leverage the system. Whether you prefer online courses, instructor-led sessions, or self-paced learning, we offer the right training format for you. Simply choose the program that best fits your needs.

With our comprehensive training materials, you can work through the provided manuals at your own pace and at any time. These resources offer a wealth of tips, best practices, and background information that you can revisit whenever needed.

Case Scenarios

To help end users thoroughly understand the application's functionality and its impact, the **BoSch Data – comMAN App** provides detailed case studies and explanations within the training materials. These resources enable users to recreate their specific processes and requirements in the standard demo database. They can also test the application’s features directly using the provided examples.

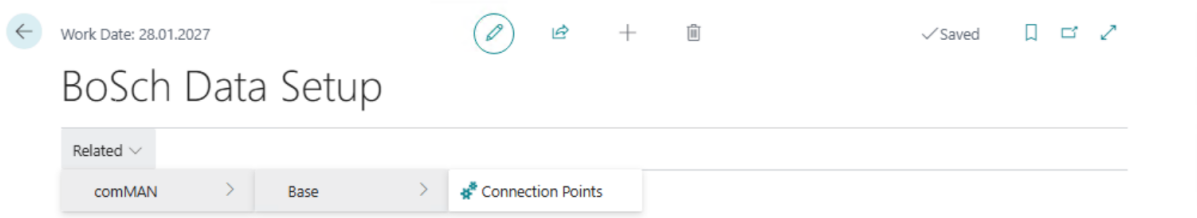
1 Setting up the comMAN App

1.1 Connection Points

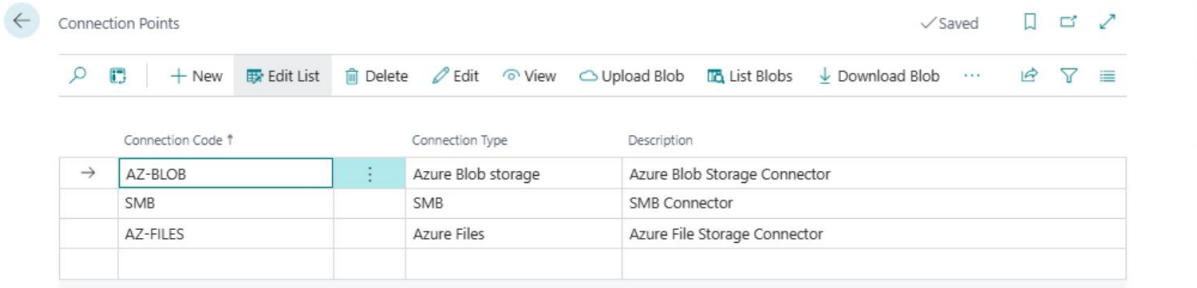
The **comMAN App** enables Business Central to import and export files to and from multiple external storage locations. Depending on the configuration, these operations can be performed manually or automated through a job queue entry.

Before electronic data exchange can take place, the data exchange connection point must be configured to ensure that all relevant files are processed correctly.

1. Select **Search** (Alt+Q) in the upper-right corner, enter **BoSch Data Setup**, and then choose the related link.



2. Choose the **New** action.
3. Fill in the fields necessary. Hover over a field to read the short description.



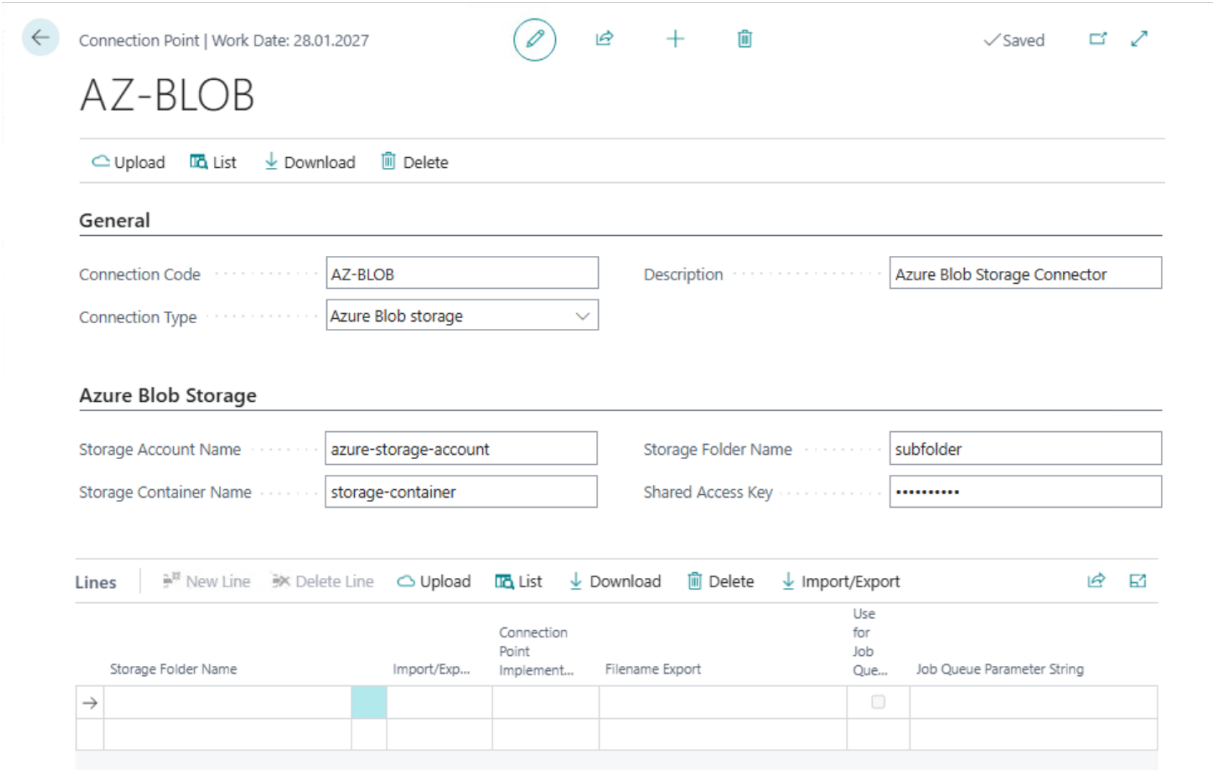
4. Choose the **Edit** action for setup the parameters per **Connection Type.**

1.2 Setup Connection Point

After configuring the Connection Code for the selected Connection Type, specify the individual parameters required by that Connection Type.

1.2.1 Setup the Azure Blob Storage / Azure File Storage

For **Azure Blob Storage** or **Azure File Storage**, the corresponding connection strings required for login and authentication must be provided. On the *Azure Blob Storage / Azure File Storage* tab, fill in all necessary fields. Hover over any field to view a brief description of its purpose.



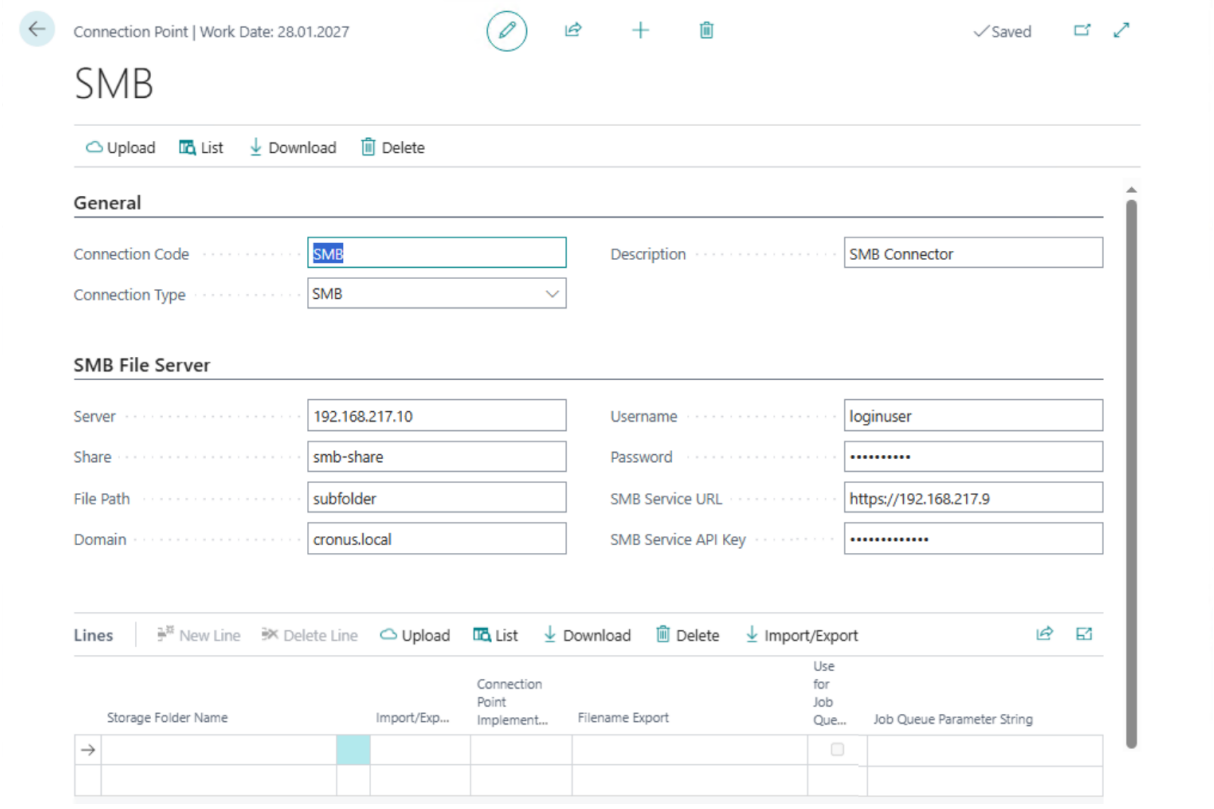
Field	Description
Storage Account Name	Specifies the storage account in Azure
Storage Container Name	Specifies the container inside the storage account
Storage Folder Name	Specifies a folder inside the container (for multi-level directories "/" can be used to specify the path)
Shared Access Key	Specifies the access key for the storage account

1.2.2 Setup SMB connection

The **SMB connection** is only supported for **on-premises installations**. For this connection type, you must provide the required connection parameters, including the server address, login credentials, password, and IP address.

On the *SMB File Server* tab, fill in all necessary fields. You can hover over each field to view a brief description of its purpose.

Additionally, a dedicated **SMB service application** must be running on the network to enable proper communication.

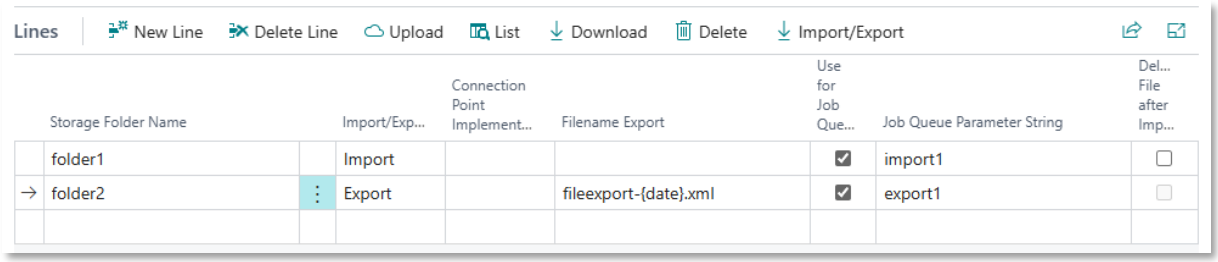


Field	Description
Server	Specifies the address or URL of the file server
Share	Specifies the SMB share
File Path	Specifies a folder inside the file share (for multi-level directories "/" can be used to specify the path)

Domain	Specifies the domain that the server/user is a member of
Username	Specifies the username for the SMB share
Password	Specifies the password for the SMB share
SMB Service URL	Specifies the URL for the SMB service (can be hosted externally, on the file server or on the BC server)
SMB Service API Key	Specifies the access key for the SMB service

1.3 The Connection Point Lines

After the connection point is prepared, setup the associated connection lines for the import and export.



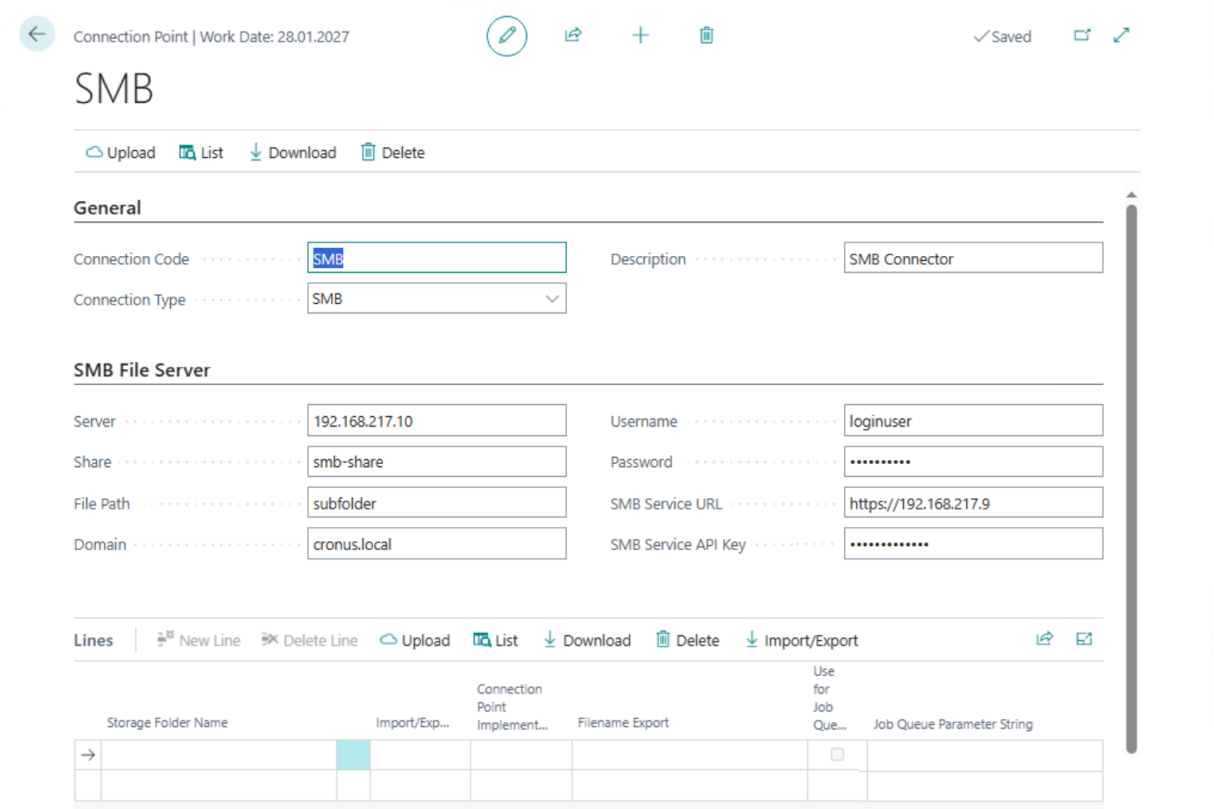
Field	Description
Storage Folder Name	Specifies a folder inside the directory specified in the connection point (for multi-level directories "/" can be used to specify the path)
Import/Export	Specifies whether files in this folder get imported or exported
Connection Point Implementation	Specifies the module that processes the file content
Filename Export	Specifies a default file name that files are saved as (can be extended with placeholders: {datetime}, {date} and {time})
Use for Job Queue	Specifies if the line is used for automatic imports or exports using the job queue
Jobe Queue Parameter String	Allows filtering for specific lines in the job queue setup
Delete File after Import	Specifies if the file is deleted from the storage location after importing it

> **Tipp**
>
> *The Connection Point Implementation is also implemented in several* BoSch Data apps.

2 Using the comMAN App

2.1 Manual File Operations

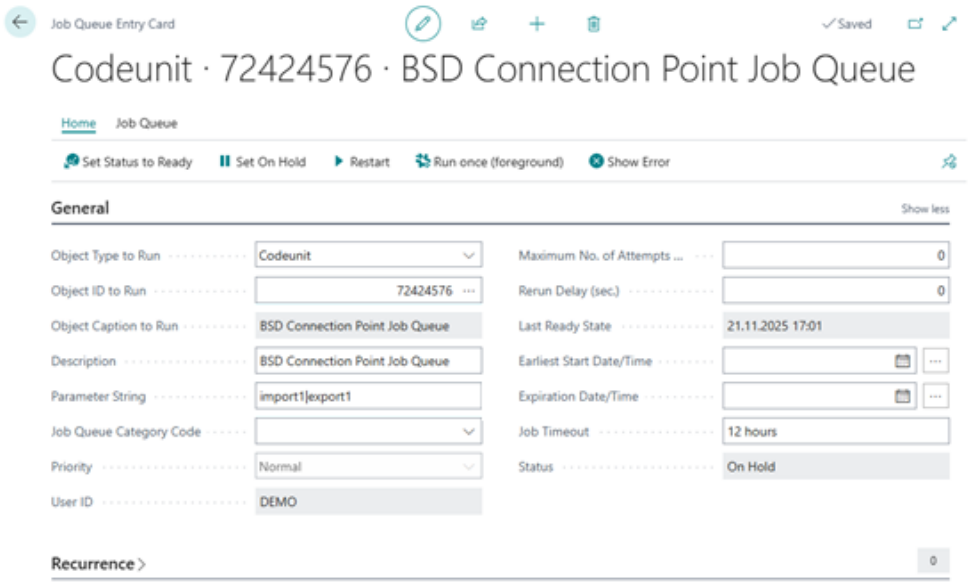
With Download and Upload on the Connection Point page, individual transfers are possible manually. As you setup the references for the relevant folders at the Lines register, the upload and download use this directory.



2.2 Automated File Operations

For automation of the import and export of files, the job queue needs to setup.

1. Choose the icon, enter **Job Queue Entries**, then choose the related link.
2. Click on **New** to create a new job queue entry
3. Set **Object Type to Run** to **Codeunit**
4. Set **Object ID to Run** to 72424576 or click on the three dots and select **BSD Connection Point Job Queue**
5. Optional: Set a **Parameter String** to only run the import or export in the connection point lines that match the string (multiple values can be added using "|" as a separator)



6. Optional: Set up a recurring job using the settings under **Recurrence**
7. Set up a start and end time and adjust the settings to control when the job is executed
8. Activate the job using the **Set Status to Ready** button