

Datasheet

**TDM – CRIBWISE Integration
(iCWI)**



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1 TDM – CRIBWISE Integration

1.1 Scope of Service

The Interface synchronizes tool item master data and tool crib data (current stocks and tool crib transactions) between TDM and CRIBWISE.

- The synchronization of master data is directed depending on which system is defined as the leading system.
- The synchronization of crib data is fixed, where CRIBWISE is the leading system.

All CRIBWISE devices that connect via the interface are represented in TDM by a single tool crib cost center. Any number of additional cost centers can be set up in TDM.

1.2 Functionality

1.2.1 Data Stream TDM → CRIBWISE

Master Data:

When an Item is created in TDM Tool Planning, the interface transmits the new item master data (including vendor data) into CRIBWISE. The following parameters are transferred:

- Item ID
- Description 1, Description 2
- Supplier and list price
- Image (png or jpg)
- Usage type: durable or consumable

As soon as a tool item is assigned to the CRIBWISE cost center in TDM, it will be transferred to CRIBWISE.

The CRIBWISE Status of a new transferred item can be set as “defined” or “released”

1.2.2 Data Stream CRIBWISE → TDM

In the other direction the CRIBWISE stock and issuing data is transferred to TDM to keep the TDM Tool Crib Module in pace:

Master Data:

Items that are created in CRIBWISE will be transferred to TDM for further data enrichment. The list of transferred parameters is the same as described above.

Tool Stock Data:

- Tool Item ID
- Amount (new and used)
- Stock ID (as configured)

Tool Crib Transaction Data:

The following transactions are transmitted:

- Pick

- Return
- Move
- Restock
- Stock Correction

With the parameters:

- Transaction date and time
- Source Cost Center
- Target Cost Center
- Device
- Amount (new and used)

Transmitted transaction data is integrated into the TDM issuing history.

1.2.3 Synchronization

Data is synchronized by https-requests to the CRIBWISE Cloud from TDM.

New master data or changes of master data will be transferred immediately (provided the CW cost center is assigned).

Crib Data is stored in the Database of the CRIBWISE device and synced every 1 min into the CRIBWISE Cloud.

TDM syncs also cyclic via https requests to the CRIBWISE Cloud. The sync interval is 15 mins by default but can be set to other intervals.

1.3 System Requirements

TDM Software Modules:

- TDM Tool Crib Module (LGM) or TDM Tool Crib Module Global Line (LGMGL)
- Interface TDM-CRIBWISE (iCWI)

TDM Version must be V2023 or higher.

Additional Software by CRIBWISE:

Customer/sales partner should add TDM Systems addon from CRIBWISE side.

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