

Subject: SANDVIK CRIBWISE Interface

Category: ZOLLER TMS Tool Management Solutions

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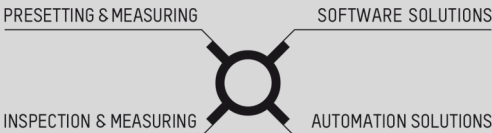
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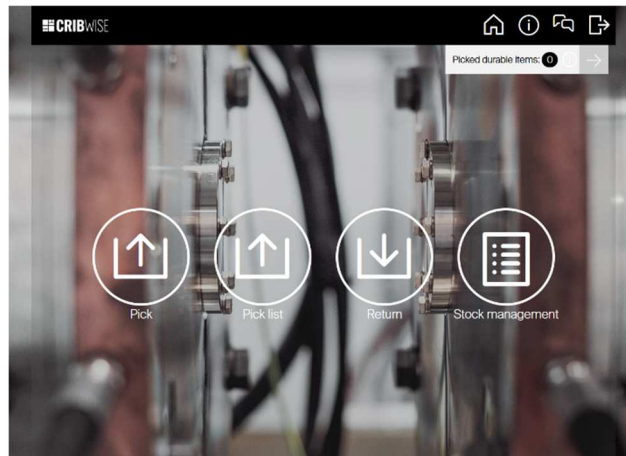


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1 General

The SANDVIK CRIBWISE interface enables connection to the SANDVIK CRIBWISE system.



Communication with the SANDVIK CRIBWISE system takes place via network using REST interface and WEB API methods. HTTPS is used as the communication protocol. The data format of the user data is JSON.

A SANDVIK CRIBWISE storage (device) exists at ZOLLER as a storage without storage location information. The exact storage location of the items within the storage is not known at ZOLLER.

There is no circulation control for SANDVIK CRIBWISE storages at ZOLLER.

If different article types are to be transferred (accessories, components, tools, fixtures), the identification numbers must be unique across article types.

Please also refer to the corresponding user manual of the stock management (8712010).

1.1 Functionalities

- Transfer of articles to SANDVIK CRIBWISE.
- Transfer of withdrawal orders when withdrawing to SANDVIK CRIBWISE (items are returned via SANDVIK CRIBWISE, there is no circulation control at ZOLLER).
- Manual import of items, storages and stocks from SANDVIK CRIBWISE.
- Regular import of articles, storages and stocks from SANDVIK CRIBWISE by ZOLLER Windows Service SCIS (**S**ANDVIK **C**TRIBWISE **I**mport **S**ervice).

The following item types are included:

- Accessories
- Components
- Tools
- Fixtures

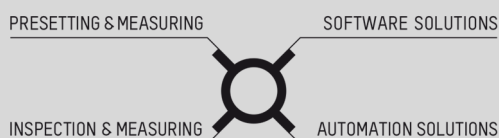
1.2 Data fields

The following data fields are processed when transferring and importing items.

- Ident number.
- Description.
- Use class for Components/Accessories (Consumable/Durable).
- Assembly Yes/No (only when transferring to CRIBWISE).
- Package size (Supplier data, see note).
- Article number (Supplier data, see note).
- Price/Piece (Supplier data, see note).
- Delivery time in days (Supplier data, see note).
When importing, the delivery time is only taken over if it has been defined in days.
- Stock (only when importing from CRIBWISE).

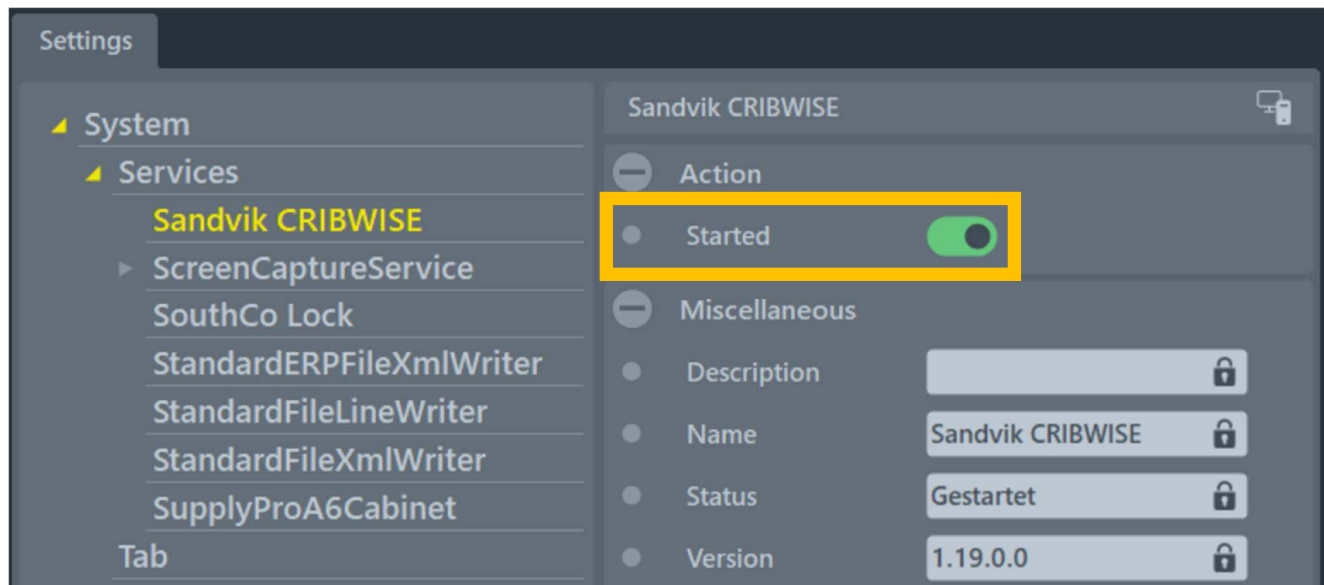
Note on supplier data:

For the processing of supplier data, when transferring to CRIBWISE and importing from CRIBWISE, the default supplier is always used. If no default supplier is defined, the first assigned supplier is used. If an item has no supplier assigned, supplier data is not processed. Suppliers are not taken over when importing from CRIBWISE and must be assigned subsequently at ZOLLER.

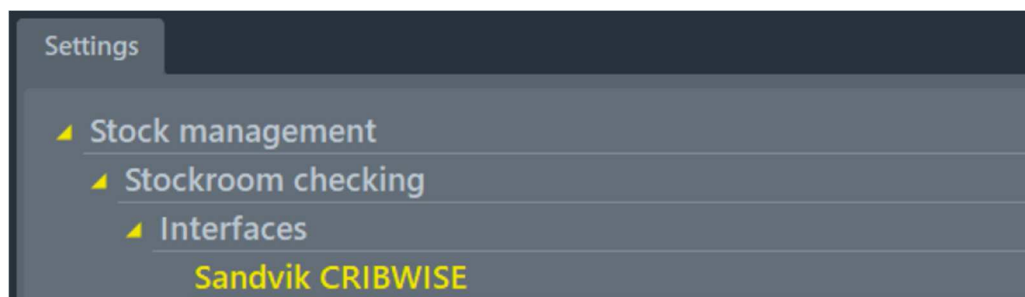


2 Configuration

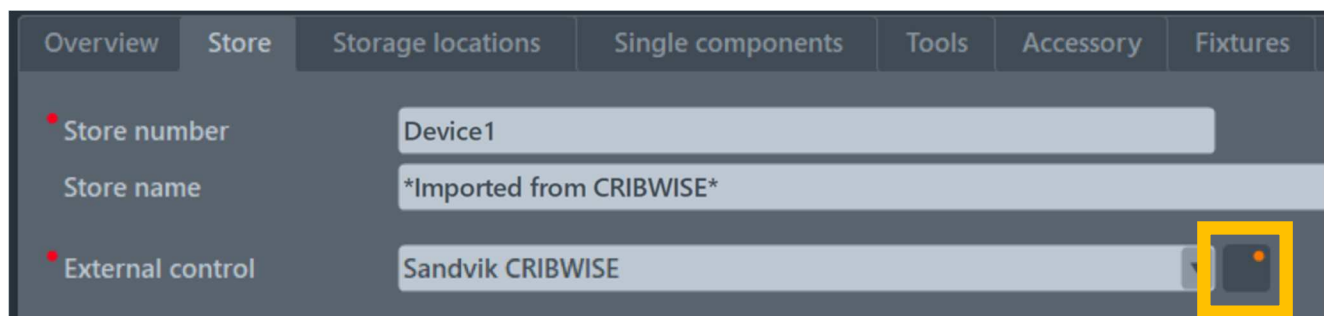
First make sure that the Sandvik CRIBWISE service is activated.



The settings for the interface are located under:



The settings can also be accessed in the stock module via the button to the right of the external control selection.

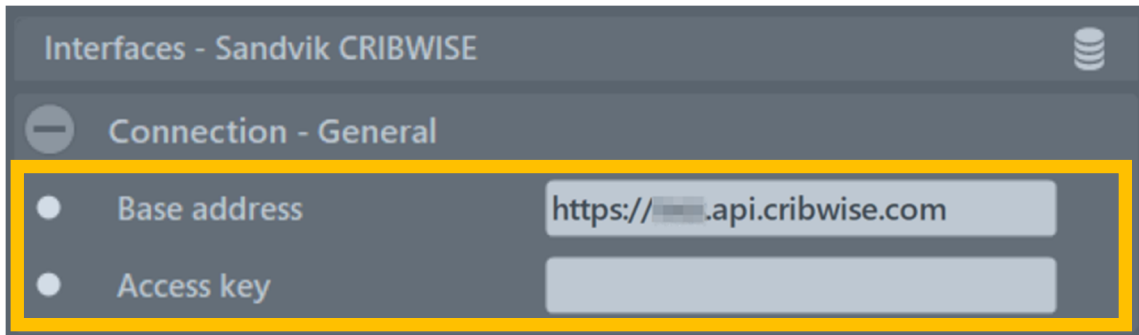


You need administrator rights for the following settings.

Please **do not** make any changes in the "**Connection - Endpoints**" section.

2.1 Base address / Access key

In the "**Connection - General**" section, enter the base address of your CRIBWISE system and your corresponding access key. You can get the base address and access key from SANDVIK.



Interfaces - Sandvik CRIBWISE

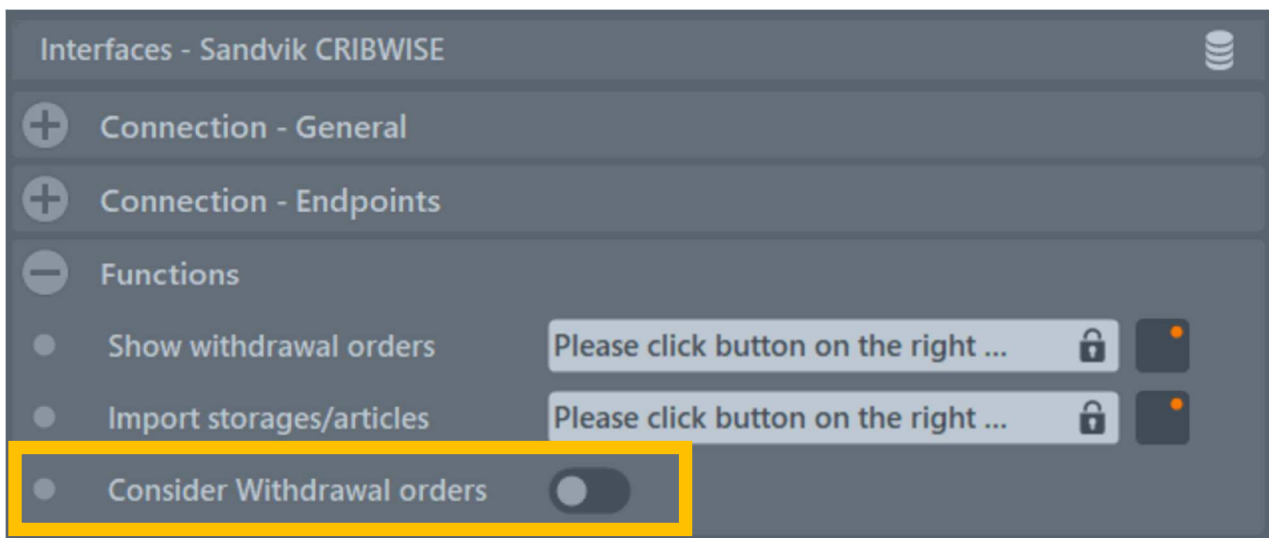
Connection - General

Base address

Access key

2.2 Consider Withdrawal orders

By default, when importing storages/articles, the current storage stock is taken over from CRIBWISE. Existing withdrawal orders are not considered. If the following setting is activated in the "Functions" section, the quantity of existing withdrawal orders is subtracted from the current stock in storage. Due to the additional determination of the withdrawal orders, the process takes a little longer.



Interfaces - Sandvik CRIBWISE

Connection - General

Connection - Endpoints

Functions

Show withdrawal orders ☐ ☐

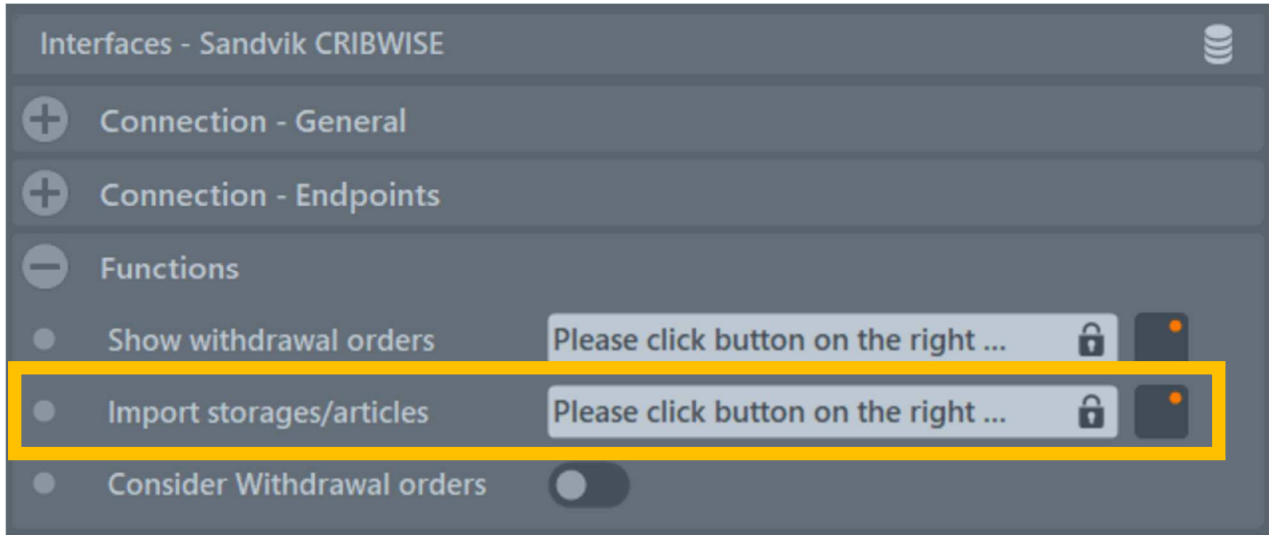
Import storages/articles ☐ ☐

Consider Withdrawal orders ☒

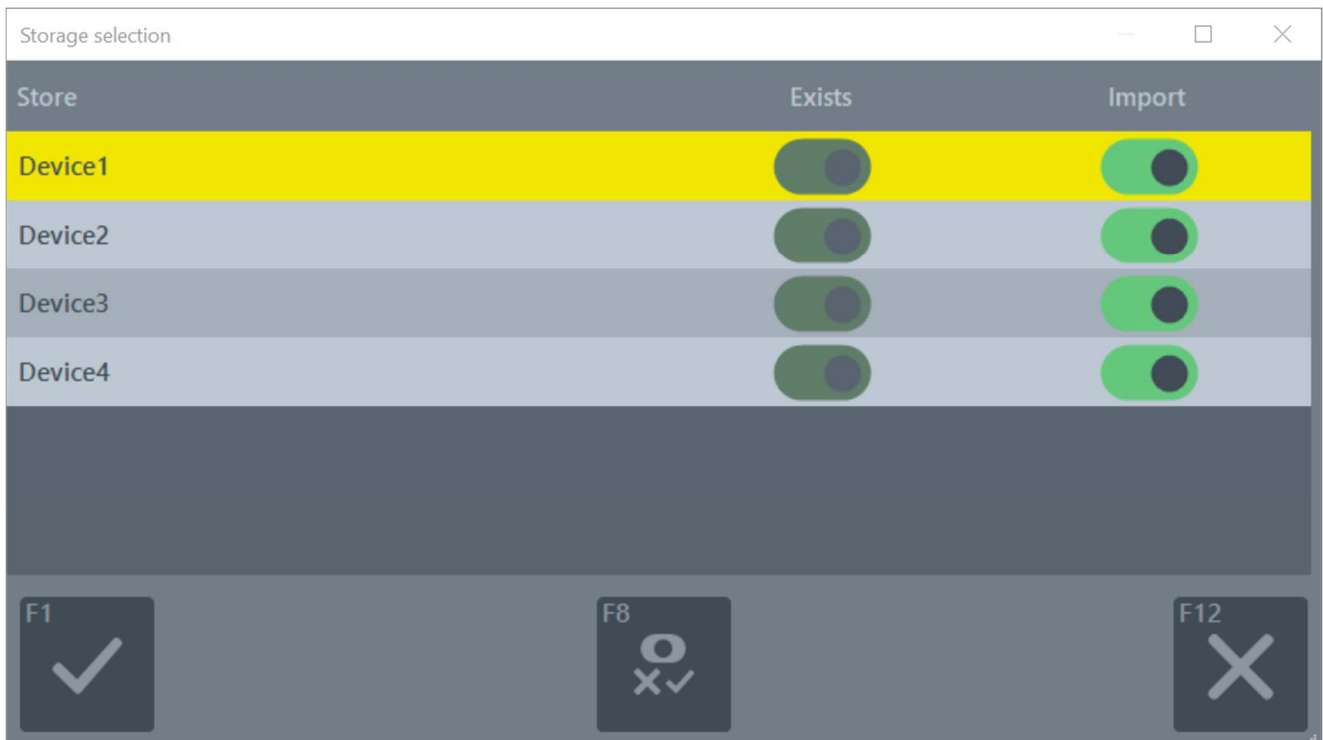
3 Data setup

3.1 Import storages/articles

Existing storages and assigned items in CRIBWISE can be imported via the interface settings:



First select the storages you want to import with the checkbox "Import":



Data setup

All articles from the previously selected storages are then displayed. Use the **"Import"** checkbox to select the items you want to import:

Article selection							
Store	Article	Existing article types	Quantity	Quantity CRIBWISE	Import	Article type	Use class
Device1	Tool-01	Tool	0	0	<input checked="" type="checkbox"/>	Tool	
Device1	Tool-02	Components	18	20	<input checked="" type="checkbox"/>	Components	Part subject to wear
Device2	Tool-01	Tool	20	20	<input checked="" type="checkbox"/>	Tool	
Device3	Tool-03	Components	0	0	<input checked="" type="checkbox"/>	Components	Stock part
Device4	_test8	Accessories	0	0	<input checked="" type="checkbox"/>	Accessories	Regrindable part
Device4	_test9	Components	0	0	<input checked="" type="checkbox"/>	Components	Stock part
Device4	EK_SandvikCRIBWISE_001	Components	189	198	<input checked="" type="checkbox"/>	Components	Part subject to wear
Device4	EK_SandvikCRIBWISE_002	Components	93	99	<input checked="" type="checkbox"/>	Components	Part subject to wear
Device4	EK_SandvikCRIBWISE_003	Components	94	100	<input checked="" type="checkbox"/>	Components	Part subject to wear
Device4	EK_SandvikCRIBWISE_004	Components	97	100	<input checked="" type="checkbox"/>	Components	Part subject to wear

F1

F8

F12

Existing article types

If the item already exists at ZOLLER, the corresponding item type is displayed here. If the item exists several times (as a different item type), the item type as which the item is imported can be selected in the **"Article type"** column.

Quantity

Stock at ZOLLER.

Quantity CRIBWISE

Stock at CRIBWISE.

Quantity Orders

Quantity of existing withdrawal orders.

Only visible if **"Consider Withdrawal orders"** is activated.

Article type

If the article exists several times (as a different article type), you can select here as which article type the article is imported.

Use class

ZOLLER differs between regrinding parts (e.g. drills) and multiple-use parts (inserts) for components and accessories. If the application class cannot be clearly assigned, manual assignment is possible here.

Note: Articles that are not assigned to a storage in CRIBWISE cannot be imported.



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3.2 External control

To each CRIBWISE storage the external control "**Sandvik CRIBWISE**" must be assigned:

Overview	Store	Storage locations	Single components	Tools	Accessory	Fixtures
Store number		Device1				
Store name		*Imported from CRIBWISE*				
External control		Sandvik CRIBWISE				

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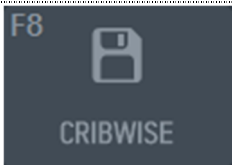
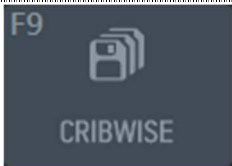
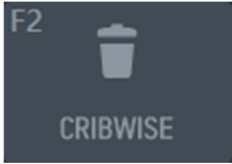
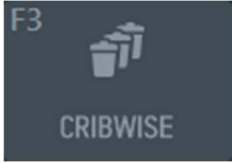
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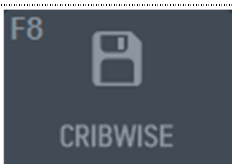
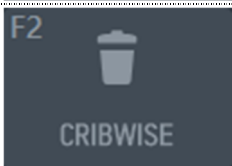
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3.3 Transfer articles to CRIBWISE

Articles created at ZOLLER to which a storage with external control "**Sandvik CRIBWISE**" is assigned can be transferred to CRIBWISE.

For this purpose, the following F keys (in combination with the Alt key) are available in the corresponding modules and tabs.

Storage module – Single components / Tools / Accessories / Fixtures tab	
	Transfer marked article to CRIBWISE.
	Transfer all articles assigned to the storage (under all tabs) to CRIBWISE.
	Delete marked article in CRIBWISE.
	Delete all articles assigned to the storage (under all tabs) in CRIBWISE.

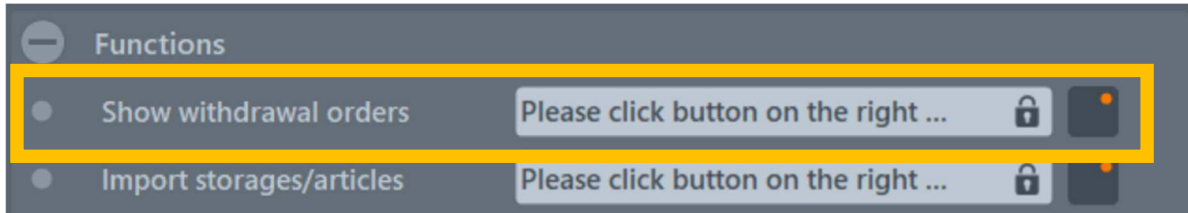
Module Single components / Tools / Accessories / Fixtures – Storage tab	
	Transfer loaded article to CRIBWISE.
	Delete loaded article in CRIBWISE.

Function	User right
Transfer article	Create data record
Delete article	Delete data record

Note: CRIBWISE only allows a certain number of requests in a certain time, which is why mass changes (transfer/delete all articles) can lead to errors (too many requests). In this case, contact Sandvik to increase the limit or perform the function with single items.

4 Withdrawal orders

When booking out of a CRIBWISE storage, corresponding withdrawal orders are created in CRIBWISE. In the interface settings, in the section **"Functions"**, you have the option of displaying the withdrawal orders pending in CRIBWISE.



If necessary, you can mark individual withdrawal orders with the "Delete" checkbox and delete them with F8. Double-click on a withdrawal order to display the articles of the withdrawal order.

Withdrawal orders (14)			
Order	Device	Article	Delete
2023-03-28 15:09:23 (032)	Device1	2	<input type="checkbox"/>
2023-03-28 15:09:26 (527)	Device4	3	<input type="checkbox"/>
2023-03-28 15:10:52 (426)	Device4	3	<input type="checkbox"/>
2023-03-28 15:11:37 (763)	Device1	2	<input type="checkbox"/>
2023-03-28 15:11:37 (807)	Device3	1	<input type="checkbox"/>
2023-03-28 15:11:37 (823)	Device4	3	<input type="checkbox"/>
2023-03-28 15:24:04 (248)	Device1	1	<input type="checkbox"/>
2023-03-29 06:49:03 (767) [Tool-03]	Device3	1	<input type="checkbox"/>

F8
☒ ✓
☒ ✓
☒ ✓

F12
 ✕

