



V2 MagicRows

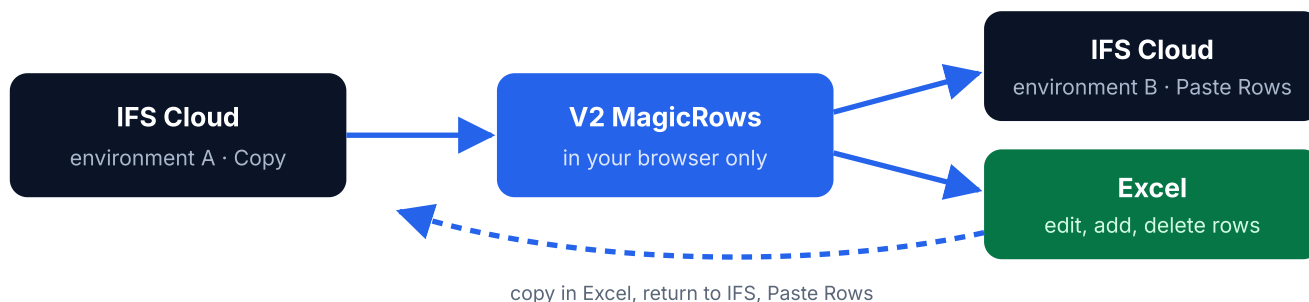
for IFS Cloud · User Guide

Chrome and Edge extension · Version 0.1.12 · 26 October 2026

V2 MagicRows adds three things to IFS Cloud's own **Copy** and **Paste Rows** commands:

- Copy records in one IFS Cloud environment and paste them in another, for example from CFG to UAT.
- Copy rows from IFS Cloud straight into Excel.
- Edit, add or delete rows in Excel and paste them back into IFS Cloud as new records.

There are no new screens to learn. You keep using IFS Cloud's normal menus, and the extension does the work in the background.



Between environments

Copy rows in one IFS Cloud environment, then use **Paste Rows** in another. Normally IFS Cloud keeps copied rows separate for each web address, so this isn't possible without the extension.

To Excel and back

Copied rows go on the clipboard as a table. Change them in Excel, copy them, and **Paste Rows** in IFS Cloud picks them up.

1. Install and switch on

- 1 Install **V2 MagicRows for IFS Cloud** from the Chrome Web Store or Microsoft Edge Add-ons. Pin it to the toolbar using the jigsaw-piece icon.
- 2 Open an IFS Cloud page and click the **V2** icon. Under *This tab*, click **Enable** for that environment.
*Or choose **Enable all environments on *.yourcompany.com** to switch on every environment on your company's domain at once.*
- 3 Repeat for each other environment you want to copy between.

- 4 The first time, click **Allow** next to *Read clipboard* in the popup. This lets rows copied in Excel come back into IFS Cloud. Chrome asks you to confirm.

The extension only works on IFS Cloud environments you have enabled. On any other website it does nothing and can see nothing.

2. Copy between IFS Cloud environments

- 1 In environment A, select the rows and use IFS Cloud's normal **Copy** command.
- 2 Switch to environment B, open the same page, and choose **Paste Rows (n)** from the grid menu.
- 3 Check the new records and **Save** as usual.

The copied rows are kept for 10 minutes by default, then cleared automatically. A newer copy always replaces an older one.

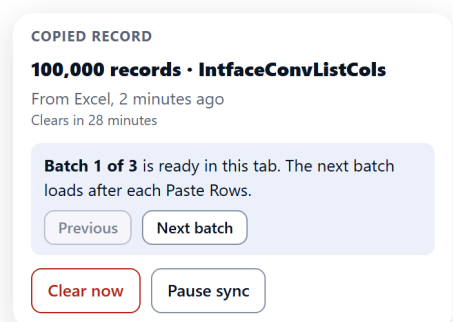
3. Copy to Excel, edit, paste back

IFS Cloud to Excel

- 1 Copy rows in IFS Cloud as normal. A short message confirms, for example *"3 rows copied"*.
- 2 Paste into Excel. The first row holds the field names, and each record is one row. Every cell is pasted as text, so codes such as `00123` keep their leading zeros and dates are not reformatted.

Excel back to IFS Cloud

- 1 Edit the rows in Excel. You can change values, add rows and delete rows.
- 2 Select the rows **including the header row** and copy them.
- 3 Click back into IFS Cloud. A message confirms, for example *"5 rows from Excel ready. Use Paste Rows."*
- 4 Choose **Paste Rows (5)** from the grid menu and save.



A large set from Excel, pasted in batches

Every row is pasted as a new record. If a row already exists, IFS Cloud rejects it with its normal duplicate-record error. Any key columns, such as `ConvListId`, must match the place you are pasting into, so change them in Excel if needed.

Keep the header row exactly as it was copied. It tells IFS Cloud which field each column belongs to. You can leave out a whole column; IFS Cloud then uses its own defaults for it.

4. The V2 MagicRows popup

Section	What it shows
Copied record	How many rows are held and from where, plus when they clear. Clear now removes them at once. Pause sync stops the extension until you resume it.
This tab	Whether the current IFS Cloud environment is enabled, with buttons to enable it.
Permissions	Clipboard access (granted or not), copying to Excel (on or off), and the enabled environments. Click x to remove an environment.
Clear copied record after	5, 10, 15, 30 or 60 minutes.
Field rules	Opens the settings page.

The version number in the header (for example v0.1.12) shows which build you have.

Toolbar badge. The V2 icon shows how many rows are ready to paste, for example **3** or **40k**. It shows **II** whenever sync is paused, even with nothing held, and is blank when sync is on and nothing is held.

V2

MagicRows

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Sync on

COPIED RECORD

3 records · IntfaceConvListCols

From ifs-cfg.example.com, 2 minutes ago

Clears in 8 minutes

Clear now

Pause sync

THIS TAB

ifs-cfg.example.com is enabled. Copy and paste work as normal.

PERMISSIONS

Read clipboard

Rows copied in Excel are picked up when you return to IFS Cloud.

Granted

Remove

Copy to clipboard

Rows copied in IFS Cloud go to the clipboard for Excel.

On

IFS environments

ifs-cfg.example.com

x

*.acme-erp.com

x

Always granted: storage, unlimited storage, scripting, active tab, offscreen document, alarms.

CLEAR COPIED RECORD AFTER

5 min

10 min

15 min

30 min

60 min

Data never leaves this browser.

Field rules

The popup, with example environments

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5. Settings

EXCEL

- ☒ When I copy records in IFS Cloud, also put them on the clipboard as rows I can paste into Excel
- ☒ When I return to IFS Cloud, pick up rows copied in Excel so Paste rows uses them (only tables with IFS field names in the header row)
- ☒ Show a short message on the IFS page when rows are copied or picked up (problems always show)

Message position (IFS Cloud shows its own messages bottom right)

Bottom left 

Show messages for (seconds, 1 to 60; problems stay twice as long)

4

- ☐ Hide system columns when pasting into Excel

Rows per paste batch for large sets (0 = as many as IFS Cloud can hold, about 40,000)

0

System columns (one per line)

luname
Objstate
Objid
Objversion
Objkey
Objgrants
ObjgrantsAccess

Save system columns

[Restore defaults](#)

Excel settings

Setting	What it does
Copy rows for Excel	On: every IFS Cloud copy also puts the rows on the clipboard as a table.
Pick up rows from Excel	On: when you return to IFS Cloud, a table copied in Excel is loaded ready for Paste Rows . Only tables whose header row holds IFS Cloud field names are picked up. Anything else on your clipboard is ignored.
Show a short message	Shows confirmations in the corner of the IFS Cloud page. Problems are always shown.
Message position	Bottom left (default), bottom right or top right. IFS Cloud shows its own messages bottom right.
Show messages for	How long messages stay on screen, from 1 to 60 seconds (default 4). Problems stay twice as long.
Hide system columns	Leaves technical columns such as <code>luname</code> and <code>Objstate</code> out of Excel. Pasting back still works.
Rows per paste batch	For large sets from Excel. <code>0</code> (the default) puts as many rows in each batch as IFS Cloud can hold, about 40,000. Set a smaller number, such as 5,000, if saving a large paste in IFS Cloud is slow.
Field rules	Fields to remove before pasting into another environment, for example <code>{ "CustomerOrder": ["OrderNo"] }</code> . Copy the box to export the rules, and paste into it to import them.

6. Privacy and security

Stays in your browser

Copied rows are kept only in this browser. They are never sent to V2 or anyone else. The extension makes no network requests at all.

Cleared automatically

Copied rows are deleted after the time you choose (10 minutes by default), or straight away with **Clear now**.

Only where you allow it

The extension works only on IFS Cloud environments you enable, and only on their IFS Cloud pages. You can remove an environment at any time.

Clipboard, only when needed

The clipboard is read only when you return to an enabled IFS Cloud tab, and only a table of IFS Cloud field names is used. You can remove clipboard access in the popup.

The extension stores no record values in its logs. If debug logging is switched on, it records counts and entity names only.

7. Limits

- **About 40,000 rows per Paste Rows** for a typical four-column list. Chrome gives each website about 5 MB for IFS Cloud's copy buffer. This limit belongs to the browser, and no permission can raise it.
- **Larger sets from Excel are pasted in batches**, up to 64 MB in total (tested with 100,000 four-column rows). A message tells you which batch is ready. After each **Paste Rows**, save, and the next batch loads by itself. After the last batch, batch 1 loads again, ready to paste the set somewhere else. You can also move between batches from the popup.
- **Large pastes are slow on the IFS Cloud side**, because IFS Cloud creates each record separately. For tens of thousands of rows, IFS Cloud's Data Migration tools are usually the better choice.
- **New records only.** **Paste Rows** creates records; it does not update existing ones.
- Works with the IFS Cloud web client (Aurena) in Chrome and Microsoft Edge.

8. Troubleshooting

What you see	What to do
Nothing pastes into Excel	Check the environment is enabled (popup, <i>This tab</i>) and the extension isn't paused. If you've just installed or updated the extension, refresh the IFS Cloud page.
Excel rows are not picked up	Check <i>Read clipboard</i> shows Granted . Make sure you copied the header row, then click into the IFS Cloud page again.
"... rows is more than IFS Cloud can hold"	Set a smaller <i>Rows per paste batch</i> in settings, for example 20,000, then copy the rows in Excel again.
The next batch did not load	Open the popup and click Next batch .
A row is rejected on save	That's IFS Cloud's own validation, for example a duplicate record. Correct the row in Excel and paste again.
Rows from an old copy appear	Click Clear now in the popup, then copy again.