PALANOR DATA · EXCEL SETUP

Palanor in your spreadsheet, in about ten minutes.

The Palanor Data add-in puts Palanor's signals into Excel as ordinary formulas. A cell like `=PALANOR.LAST("eia-propane-spot-mont-belvieu")` shows the latest value and keeps it current while the workbook is open. Each person sets it up once, on their own computer, with their own key. It works in Excel for Microsoft 365 on Windows and Mac, and in Excel on the web.

STEP 1

Get your Palanor key

A key is how Excel tells Palanor it's you. Make your own; don't share one.

If your organization uses Palanor and you are an owner or admin there (most setups):

1. Sign in at app.palanor.com.
2. Open Settings, then API keys, and find Data keys.
3. Under Name this key, type something like Excel, your name, and press Make key.
4. Press Copy. The key starts with `plnr_` and is shown only once, so paste it somewhere safe until Step 3.

This key includes everything in the Palanor data plan, Foresight among it. It works only while your organization's plan is live and you remain an owner or admin, so access ends when either changes.

Otherwise:

Get a free key at palanor.com/developers/keys: enter your email, open the sign-in link, and copy the key. It includes 1,000 requests a month.

STEP 2

Install the add-in

Palanor Data is on its way to Microsoft's add-in store. Until it is listed, you add it from a small file called a manifest. Pick the Excel you use.

Excel on the web (quickest)

1. Download the manifest: https://palanor.com/excel/manifest.xml. Your browser saves a file named manifest.xml.
2. Open any workbook at excel.cloud.microsoft (or from OneDrive or SharePoint).
3. Choose Home, then Add-ins, then More Add-ins. In the window that opens, choose My Add-ins, then Upload My Add-in.
4. Choose the manifest.xml file and press Upload. A Palanor button appears on the Home tab.

Excel on a Mac

1. Download the manifest: https://palanor.com/excel/manifest.xml.
2. Quit Excel. In Finder, choose Go, then Go to Folder, and paste `~/Library/Containers/com.microsoft.Excel/Data/Documents/`
3. Make a folder there named wef if there isn't one, and move manifest.xml into it.
4. Open Excel, then Home, then Add-ins. Choose Palanor Data under developer add-ins.

Excel on Windows

Windows Excel loads hand-installed add-ins only from a shared network folder, which usually needs your IT team. Two easier routes: use Excel on the web (above), where the add-in works the same way; or ask IT to install it for everyone (below), after which it appears in Windows Excel on its own.

To do it yourself: put manifest.xml in a shared folder, then in Excel choose File, Options, Trust Center, Trust Center Settings, Trusted Add-in Catalogs. Add the folder's network path (for example `\\server\addins`), tick Show in Menu, press OK and restart Excel. Then choose Home, Add-ins, Advanced, Shared Folder, Palanor Data.

> **For IT: install it for everyone at once**
>
> A Microsoft 365 administrator can add Palanor Data for the whole organization, or for a group. In the Microsoft 365 admin center choose Settings, Integrated apps, Upload custom apps, pick Office Add-in, and give the manifest link: https://palanor.com/excel/manifest.xml. Choose who gets it. Microsoft says it can take up to 24 hours to appear in Excel. Each person still uses their own key in Step 3. The add-in works only inside the open workbook (it reads the selected cell and writes the cells you ask for) and touches no mail or other files.

STEP 3

Paste your key

1. On the Home tab, press Palanor. A panel opens on the right.
2. Paste the key from Step 1 and press Save.

The key is kept by the add-in on your computer, never inside the workbook, so a file you send to someone doesn't carry your key. To take it off a computer, press Sign out in the same panel.

STEP 4

Write your first formulas

Click any empty cell and type one of these, or press / in the Palanor panel, search for what you want, and press Enter to write the formula for you.

```
=PALANOR.LAST("eia-propane-spot-mont-belvieu")
```

The latest Mont Belvieu propane spot price, in dollars a gallon (EIA, weekly).

```
=PALANOR.HISTORY("eia-propane-residential-price", "2022-01-01")
```

Every weekly U.S. residential propane price since January 2022, date and value, spilled down the sheet.

```
=PALANOR.HISTORY("physical.hdd.population.conus", "2024-01-01", , "M")
```

Heating degree days across the lower 48, one row a month since 2024.

```
=PALANOR.LAST("eia.retail_diesel.us")
```

The U.S. average retail diesel price.

```
=PALANOR.LAST("rates.spread_2y10y")
```

The gap between the 10-year and 2-year Treasury yields, in percentage points.

```
=PALANOR.SEARCH("propane stocks")
```

Signals that match a phrase, with the name to put in a formula, the latest value and the source.

```
=PALANOR.FORESIGHT("fred_wti", "30d", "band")
```

Palanor Foresight for WTI crude 30 days out, with its range. Needs an organization data key or a Pro key.

The text in quotes is the signal's name in Palanor. Search finds it, and so does the formula builder at palanor.com/developers#formulas. Dates can be typed as "2024-01-01" or point at a cell holding a date.

GOOD TO KNOW

- LAST cells refresh on their own while the workbook is open, every hour unless you choose otherwise under Sources in this session in the panel. Refresh fetches everything again.
- Every value carries its source. Select a cell and the panel shows where it comes from and the credit to give. Add sources sheet writes them all into the workbook.
- Someone you send a workbook to sees the last values. To refresh them, they need the add-in and a key of their own.
- A few signals are shown inside Palanor but can't be exported, such as market prices and some licensed sources. In Excel those return #N/A with the reason.

IF SOMETHING ISN’T WORKING

There is no Upload My Add-in, or no Add-ins button.
Your organization has turned off adding add-ins by hand. Ask IT to install it for everyone (Step 2, For IT).

A cell shows #VALUE! and asks for a key.
Open the Palanor panel and paste your key (Step 3).

A cell shows #N/A.
Select the cell and point at the small warning icon beside it to read why: usually a signal that can’t be exported, or a feature such as Foresight that needs an organization data key.

Typing =PALANOR shows nothing.
Close and reopen Excel. Older one-time-purchase versions (Excel 2019 and earlier) can’t run the add-in; use Excel on the web.

Still stuck?
Write to support@palanor.com with a screenshot.

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