4PS
Warehouse App

Efficient stock management

Manage your projects with software from 4PS

Our mission? To improve the building, installation and civil engineering sector worldwide with innovative business software. We continuously focus on new developments, building on the future-proof Microsoft Dynamics 365 Business Central platform. We respond to developments across the construction industry, translating them into intelligent, practical applications.
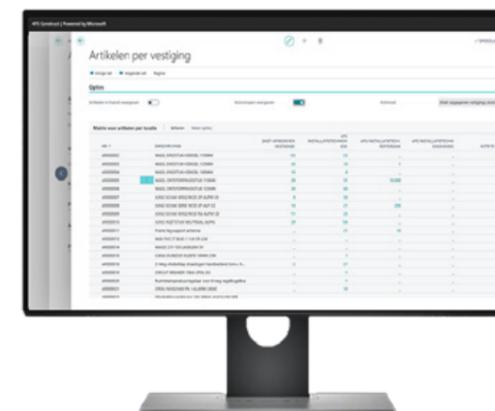
Our ERP system 4PS Construct provides support during the planning, implementation and after-sales service relating to your projects. This total solution includes aspects like project management, calculation and financial administration in one software package. And you can easily create reports in the same package.

The result: better insight into the entire process! Obtain real-time control over your projects with 4PS Construct. We also have various apps and portals that work integrally alongside the basic ERP package. The 4PS Warehouse App is one of these portals that will help you boost the efficiency of your warehouse process.

Insight in your warehouse processes

Efficient stock management can save you money and the 4PS Warehouse App can be a valuable tool for this. Using this app in your warehouse reduces the risk of errors and gives you real-time insight into stock levels. You can see exactly how many products you have in stock and where they are stored in the warehouse. This avoids out-of-stock issues and incorrect postings whilst providing an overview of your stock management.

The 4PS Warehouse App is fully incorporated into the 4PS Construct stock module, so that all your warehouse processes are integrated in one system.

The app for creating and picking orders

Three advantages of the 4PS Warehouse App

> ## App for the warehouse

Warehouse employees can use the 4PS Warehouse App to start and pick orders. Delivery, counter sales and returns are easily arranged with the app. You can also move your items and generate a requisition worksheet. Does your warehouse have a poor Wi-Fi signal? The app can also be used without an Internet connection.

> ## Integration with 4PS Construct

The 4PS Warehouse App has a direct link to 4PS Construct which allows you to prepare your delivery orders for a service order from 4PS Construct. You can start collecting the items required for the relevant service order.

1. Prevent errors

Scanning the item with the app ensures faultless registration and direct feedback to 4PS Construct. So you can scan your data once and avoid stock differences.

2. Everything in one app

The app supports several processes. For example, you can return materials and generate requisition worksheets and reservations in one app. In short, you can complete different processes wherever you are. Do you want to return materials? Scan the item so that it can be returned to stock. Do you want to avoid being out of stock for a project? Create a requisition worksheet now and reserve these items. Using the 4PS Warehouse App also means no more paper picking lists. Everything is clearly displayed in one app.
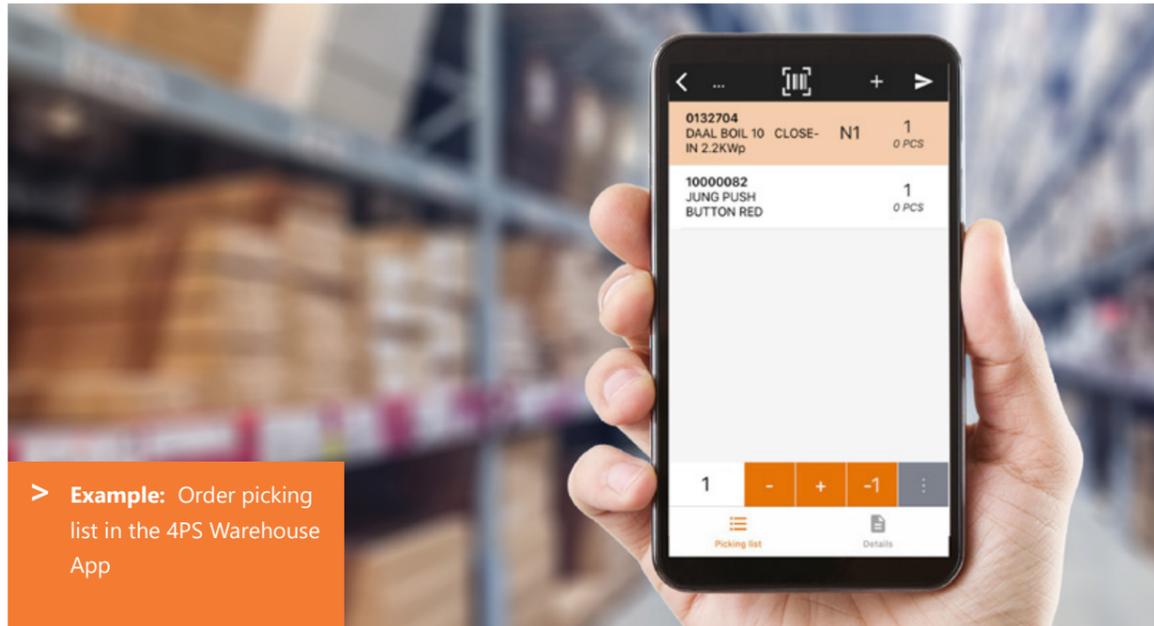
3. Automatic processing

The 4PS Warehouse App is linked to 4PS Construct. In the app, you can enter whether your order type should be automatically booked for the relevant day in 4PS Construct.

Getting started with the 4PS Warehouse App

> Control over your warehouse processes

Because the 4PS Warehouse App is linked to 4PS Construct, you can manage all your warehouse processes in one environment. Enter your data once to have an overview of everything in one app.

> Starting orders

Warehouse employees can use the app to scan items for various purposes. This makes it possible to deliver items to a project and/or a service order. It is also possible to perform a stock take, move items between warehouses and purchase items. Warehouse employees can start these different order types in the app themselves.

> Picking orders

Besides starting an order, warehouse employees can also work on orders that have been prepared from proposed orders in 4PS Construct. This is called 'order picking'. Warehouse employees can pick the order and collect the items for the relevant project or service order. A status bar shows the progress of the order.

Different processes

> Delivery

The 4PS Warehouse App can be used to deliver items to a project. Which projects can be selected depends on the chosen company in the order. The project status on the project card in 4PS Construct also determines whether delivery is possible for the project. Only projects with the project status 'Execution' are included. If the project concerned has project elements or additional and/or less work, a project element can be selected for the order.

Delivery to a service order is also possible. Again, the selection of service orders depends on the chosen company in the order and on the status of the service order. Delivery is only possible if the service order has the status 'in progress'.

> Sale

Materials may also be sold from the warehouse directly to a customer. In this case, a customer arrives at the sales desk in the warehouse to buy a number of items. With the 4PS Warehouse App, you can start a sales order and pick the required items as you scan them.

> Returns

You use the app to manage returns of service orders, project orders and sales orders. Items that are left over or no longer required for a project or service may be returned. Warehouse employees scan the items so that they can be returned to stock.

If a customer does not need items or has received incorrect items, they may return them. These materials are correctly processed in 4PS Construct using a return order and a credit note.
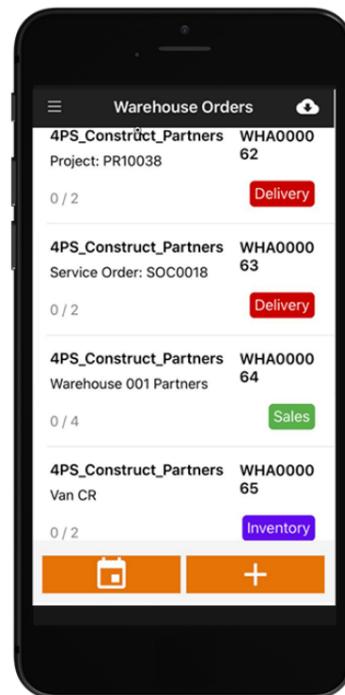
Different processes

> Inventory

Another process step in the warehouse is inventory checking. This involves checking the number of items that are actually present in the warehouse. An inventory shows the actual stock and/or whether it corresponds to the stock in the system. The 4PS Warehouse App can be used for this purpose.

> Moving

With the 4PS Warehouse App, it is possible to move items from branch A to branch B. This can be done when there are no items at branch B but they are available at branch A. The move is simply registered in the app, ensuring that everyone knows.

> Requisition worksheet

You can easily generate a requisition worksheet with the app. A requisition worksheet is also part of the warehouse process and is used when there are no or too few items at the branch. These need to be purchased to ensure that there is sufficient stock to supply projects, service orders or customers.

> **Example:**
Overview of warehouse orders in the 4PS Warehouse App

Links

> Link to 4PS Construct

The 4PS Warehouse App is linked to the Item Management and Stock Management modules in 4PS Construct. The Item Management module is integrally available and enables you to manage your stocks. The Stock Management module allows you to accurately update your stock administration. You can also use the 4PS Warehouse App to process your delivery orders, service orders and sales orders from 4PS Construct.

> Processing in 4PS Construct

In the app, you can enter whether your order type should be automatically booked in the relevant journals. The table below shows the processing of different order types per journal.

> Order type	> Processing in 4PS Construct
Delivery	Through the item journal
Inventory	Through the inventory journal
Movement	Through the item reclassification journal
Purchase	Through a requisition worksheet
Return	Through the item journal
Sale	Through a sales order or sales invoice

Other functionalities

> Barcode scanning

The 4PS Warehouse App is linked to the Item Management and Stock Management modules in 4PS Construct. Employees can use the 4PS Warehouse App to easily scan an item's barcode. By scanning or entering the barcode, the 4PS Warehouse App generates a link to the items in 4PS Construct. This link can be created by the barcode format in the GTIN code field on the item card in 4PS Construct.

When scanning, the 4PS Warehouse App will only recognise items if the relevant GTIN code has also been entered in 4PS Construct. All barcode types are supported, including QR codes.

> Multiple companies

Do you have several companies? If so, you can also generate their orders in the 4PS Warehouse App. There must be an intercompany account in 4PS Construct for this. You then select the company for which you wish to generate orders and the relevant projects are displayed.

> Multiple warehouses

When the company linked to the 4PS Warehouse App has several warehouses, the warehouse employee can select one of these registered warehouses.
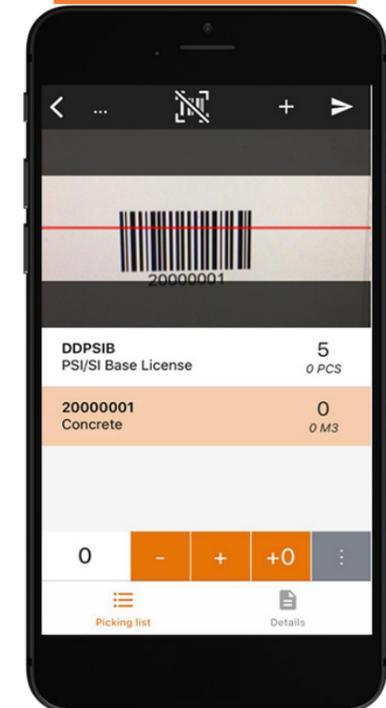
> Scanner options

In the 4PS Warehouse App, a barcode can be set in two different ways: by camera device or infrared scanning (Wedge or Intent).

> Hardware specifications

To be able to use the 4PS Warehouse App, you need to purchase separate hardware. The 4PS Warehouse App works in combination with DataWedge software from Zebra and Honeywell.

> **Example:**
Scanning an item in the 4PS Warehouse App
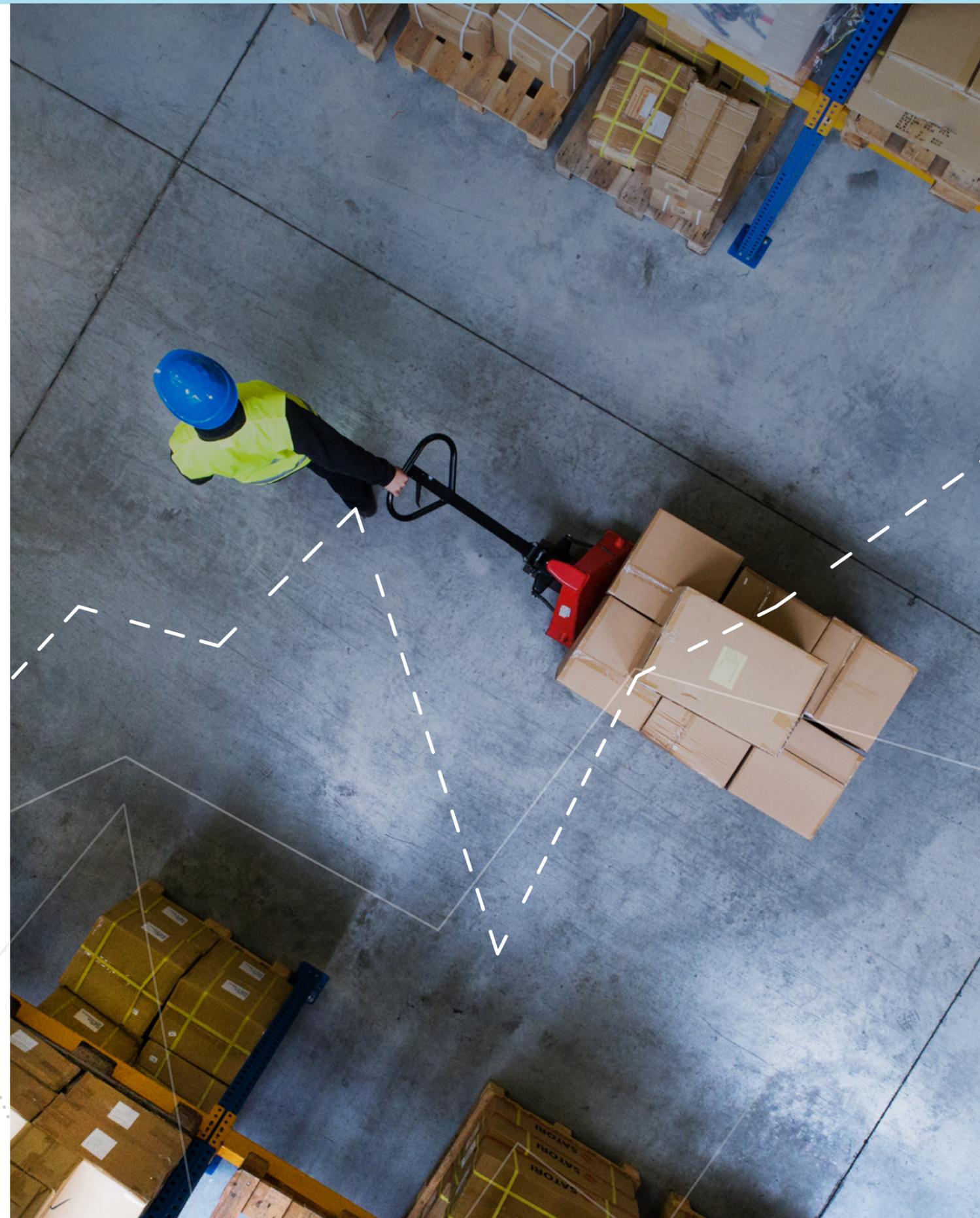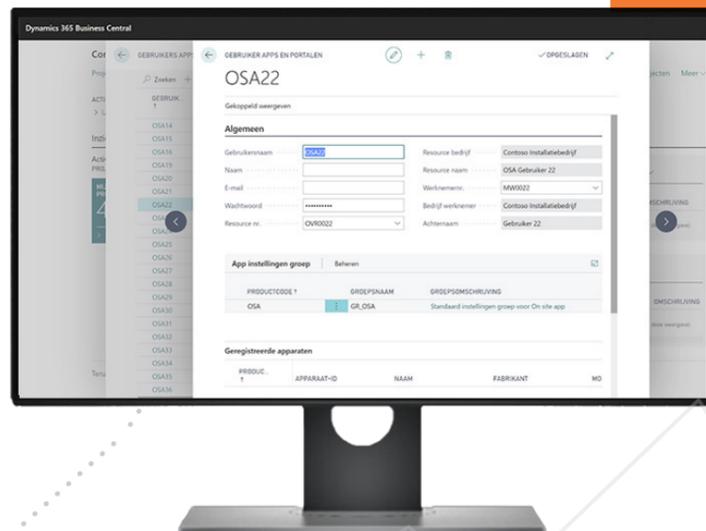
The admin function

> Online and offline

The data from 4PS Construct, such as items and service orders, are saved locally. This means you can consult and save data in the app without an internet connection. Your process is never interrupted and there is no need to invest in an expensive Wi-Fi network for your warehouse.

However, to update the saved data and send the adjusted orders to 4PS Construct, you will need an Internet connection.

> Easy user management

With the new 4PS Generic Authorisation Provider in 4PS Construct, you can add your users to the 4PS Warehouse App. The user receives a username and password to prevent any unauthorised access to the app. In this 4PS Construct module, you can add a user to several apps, enabling you to manage all user data from your 4PS apps in one environment.
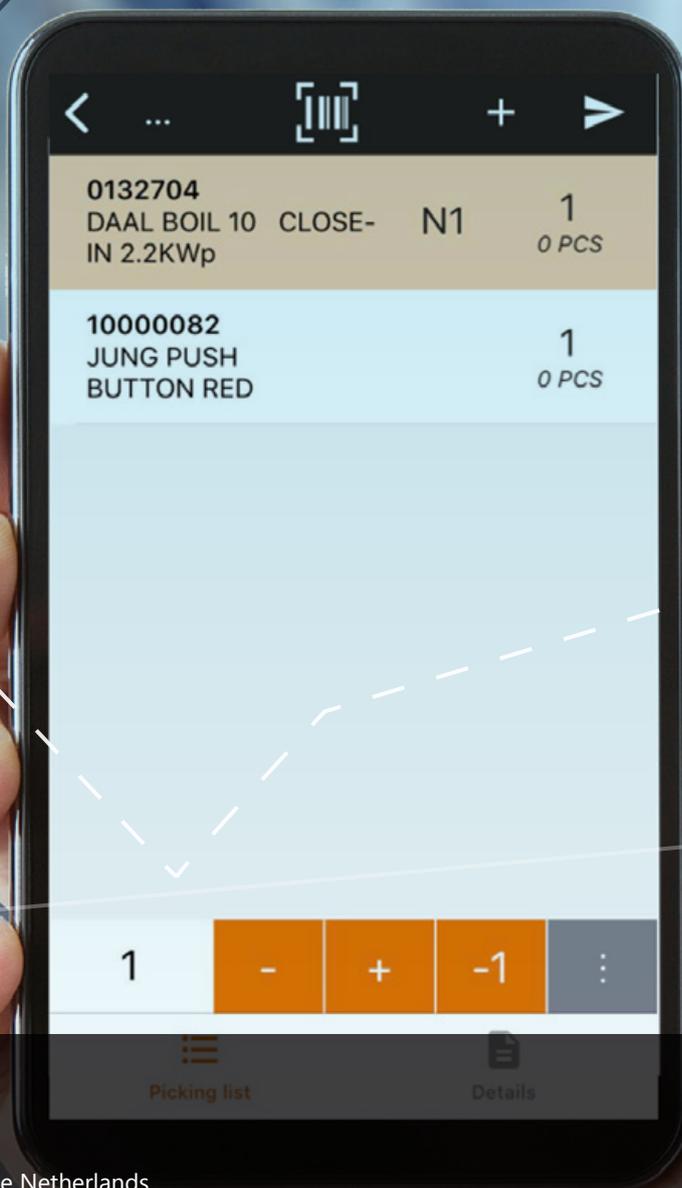
> **Example:**
User management in 4PS Construct

More information

Do you have any questions or would you like more information about the 4PS Warehouse App?

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