4PS CONSTRUCT

Microsoft Dynamics 365 Business Central

Real-time control and insight into your business processes in:

Construction I Civil Engineering I Housebuilding I
Mechanical and Electrical I Plant I
Equipment Rental I Service and Maintenance

4PS

Business Central

4PS has developed an integrated software solution on the Microsoft platform, specifically for the construction, civil engineering, mechanical and electrical, service and maintenance, equipment rental, plant and housebuilding sectors. All processes and functionality specific to the industry are integrated in our solution. Based on the reliable Microsoft platform and with understanding for your industry, our solution is built to ensure good support in the preparation, implementation and aftercare of your projects.

Microsoft Dynamics 365 Business Central

Since 2019 we have been offering our solution 4PS Construct on the modern ERP platform Microsoft Dynamics 365 Business Central. This means that all Microsoft technologies are integrated, and the software is available anytime, anywhere and on any device. Therefore, you always work with the latest software and automatically benefit from the latest developments.

Specialised in your sector within the construction industry

Within 4PS we work with IT specialists with knowledge and expertise in your sector and are specifically occupied with developments within construction, civil engineering and installation technology.

We would like to introduce you to our International Partner and Salesmanager:

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International Partner and Salesmanager

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4 reasons to switch to Business Central

Digitisation ensures simplicity in your processes. Choose the integrated total solution from 4PS based on Microsoft Dynamics 365 Business Central and benefit from the following:

1. Improved user-friendliness and look & feel

A number of user experience improvements have been made to the Business Central platform. As the platform can now also be accessed via a URL or app, you can use 4PS Construct on any mobile device. This allows you to work more efficiently.

2. Integration with Microsoft

With this new platform you have better integration with Office 365, Sharepoint and Power Apps.

3. Available in the cloud

A major advantage of the Business Central platform is that it is available in the cloud. This allows you to use the latest technology and gives you more options in terms of accessibility (depending on infrastructure).

4. New functionalities and products

When you switch to Business Central, you can use various new functionalities and products, including 4PS Control and the 4PS On-site App.

Improved usability and look & feel

Business Central has the same modern design that you are used to from other Microsoft Office programs. This ensures that you will quickly feel comfortable with the new platform. In addition to the upgrade in look & feel, a number of relevant functional improvements have also been made in this new version.

We have listed the most important improvements for you:

> ## Role Center

The web client has a modern and improved user experience.

> ## List screen

Easily hide the "FactBoxes" and enjoy a larger list view. Very useful when the web client is open on a small screen.

> ## Map screen

Going through different map screens has been simplified. One button on either side of the map allows the user to easily scroll through the map screens.

> ## Role explorer

Here all options of the user's role are visible as well as all other roles that are activated.

> ## Search function

In the menu structure users can search for common actions such as pages and reports. In the new version, you can also search the help documentation. An example of this: when a user is on an item card and wants to revalue, all he has to do is type "revalue" and the correct page will appear.

> ## Configure profile

It is possible to configure the pages per profile. These changes are saved as an extension so that it can be exchanged later if necessary.

> ## Opening a new page in a new window

This option has been added to open a page in a new window. The great thing about this compared to the Windows Client is that the data on both pages is immediately updated.
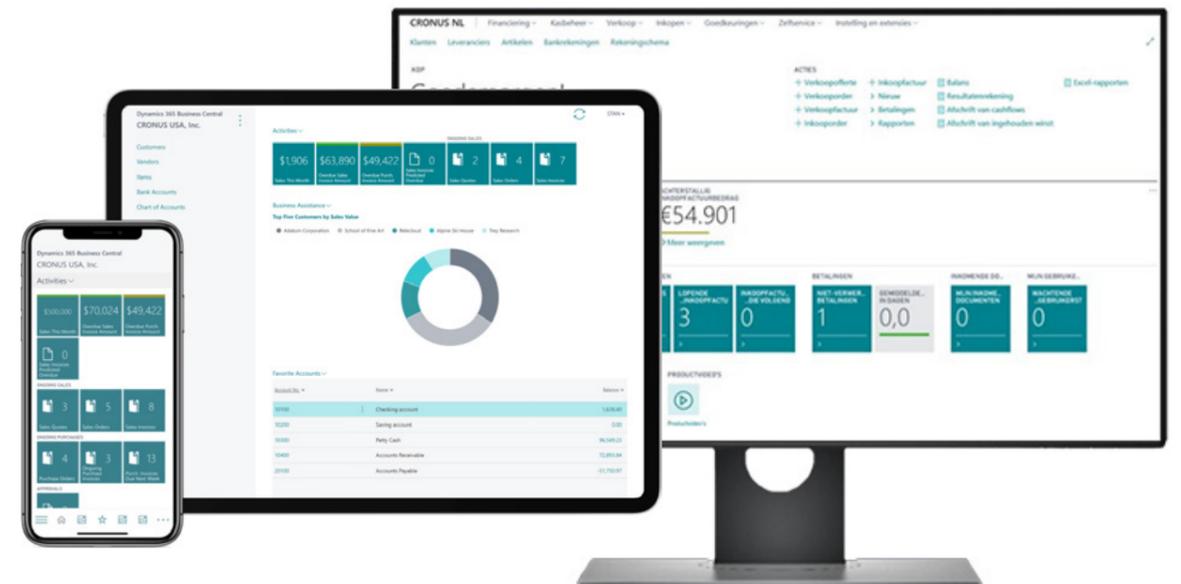
> ## Filter multiple options

On the Business Central platform you can use the option to apply multiple filters.

> ## Bookmarks

Users can "bookmark" pages. This will place the list or page on the Role Center.

> ## Saved views

It is also possible to save list views. These are not stored in the Role Center, but in the list itself. Therefore, wherever users call the list, they can access the filtered list directly.

Improved integration with Microsoft platform

Dynamics 365 Business Central integrates with various programs and apps. Although Dynamics NAV already worked with Word and Excel, Business Central integrates with multiple platforms. For example, integration with Outlook has been greatly improved and integration with Microsoft Teams will be added soon. Developments continue at a rapid pace. Here we list the most interesting integrations:

> ## Office 365

Office 365 is a collection of well-known applications, such as Outlook, Word, Excel and PowerPoint. Enriched with innovative new applications, such as OneNote, OneDrive for Business, Sharepoint and Microsoft Teams. The advantage of this environment is that you only have to log in once to have all applications and all files at your disposal. All components within Office 365 can therefore use each other's functionality.

For example, with Outlook, your contact details can be synchronised directly with Business Central. This means that you only have to enter changes once.

> ## Microsoft Power Platform

Microsoft Dynamics 365 Business Central has an integration with the Microsoft Power Platform. The Microsoft Power Platform is a system with which Microsoft combines the data from Dynamics 365, Office 365 and many other information sources via Power BI, Power Apps and Power Automate into one large linked environment.
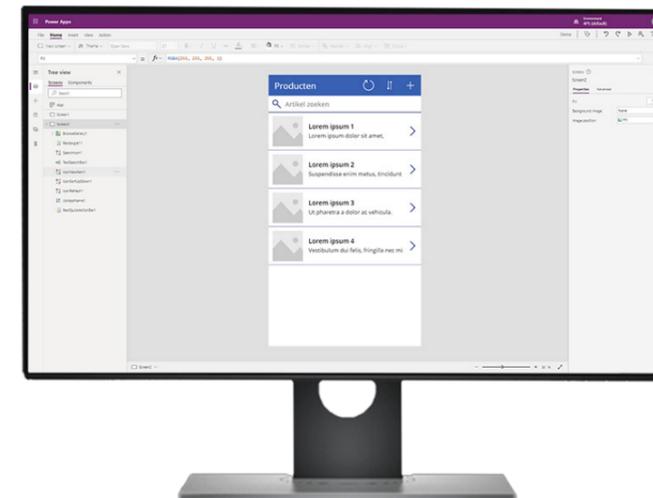
With Power BI, for example, you have the option to visualise the data from Business Central in dashboards and possibly merge it with other data. This way you always have a complete picture of your business processes. Microsoft Power Automate makes it easy to create workflows across various applications. Finally, with Power Apps you can create your own apps without the need for heavy programming.

> ## Power Apps

Are you looking for apps that can make your business processes easier? The integration between Microsoft Dynamics 365 Business Central and the Power Platform from Microsoft allows you to use Power Apps amongst other things. The Power Platform is a suite of functionalities including apps, services, connectors that provides a fast development environment to, for example, build custom apps for your business needs. In this way, you can still build specific applications for your company without too much technical knowledge of app development or programming.

> ## Microsoft Power BI

The Business Central apps for Power BI make it easy to retrieve information. Power BI pulls your data and then creates a ready-to-use dashboard and reports based on that data.

Available in the cloud

A big advantage of the Business Central platform is that it is available in the cloud. This allows you to use the latest technology and gives you more options in terms of accessibility (depending on infrastructure). The ERP system 4PS Construct, based on the modern platform Microsoft Dynamics 365 Business Central, can be used in three ways, on-premise, in the 4PS Cloud or in the Microsoft Azure Cloud.

If you opt for an on-premise purchase, hardware and software will run under your own roof and you are therefore responsible for the availability and maintenance of the software and systems. When you work in the cloud, you purchase software via the internet as a service from a supplier. The supplier is responsible for the availability and maintenance of the software and systems. With the 4PS Cloud, the technical management and possibly also application management is in the hands of 4PS. With the Microsoft Azure Cloud, Microsoft manages the software solution 4PS Construct in the cloud.

	Perpetual or subscription license?	Own hardware or hardware in the data center?	Automatic updates?
ON-PREMISE	Choice of perpetual or subscription license.	Choose between buying your own hardware or the hardware of a data center.	Update schedule is flexible, you are responsible for application management.
4PS CLOUD	Choice of perpetual or subscription license.	Choose between buying your own hardware or the hardware of a data center.	Technical management and possibly application management is also in the hands of 4PS. Update schedule is flexible and planned in consultation.
MICROSOFT AZURE CLOUD	Subscription license.	Hardware in Microsoft Azure data centre.	Update schedule is automatic and determined by Microsoft and 4PS.

Advantages of working in the cloud

If you work in the cloud, you do not buy servers to use and manage them on-premise, but rent servers from a party whose core business is to run those servers. Think of a very large building with all servers in it, where your company uses two, three or more of them. The software you use is installed on those servers, after which you can access that software anywhere, anytime via a website with login. Is working in the cloud right for you?

We have listed the benefits of working in the cloud for you:

> **Always access to your data**

It doesn't matter where your employees are: they always have access to their documents. With an online workplace, they have access to all company files and necessary applications.

> **More flexibility**

A cloud service is easily scalable compared to the traditional server and licensing model. The number of online workplaces and the price adapt to the size of your organisation. If you need more resources, you can easily expand the available capacity. Or if you need fewer licenses, you can adjust the number of licenses per month.

> **Safe & accessible**

When using 4PS Construct in the cloud, the data is stored in the Microsoft Azure data center. The advantage of working with Microsoft Azure is that the servers are 99.9% available. Furthermore, it offers continuity in the field of cooling, power supply, internet connections and maintenance. In addition, Microsoft applies a security standard of 99.9%.

> **No maintenance**

Online software is automatically updated by the provider. By using cloud services you have to pay less attention to the technology and you can focus more on providing added value of the service for the company.

New functionalities

On Business Central you can use various new functionalities and products that are not available on Navision. Various improvements have been made in the areas of purchasing, financial, service & maintenance, document management, buyer management optimisation, equipment and CRM. Which optimisations and new products are important for your industry? We have listed the most important ones for you:

CONSTRUCTION AND HOUSEBUILDING

> **Buyer management**

Bundling co-work offers and options per term.

> **HOOMCTRL**

New HOOMCTRL release available with various realised user wishes.

> **BIM model**

Various optimisations implemented in the BIM model and equipment requests.

SPECIALIST SUBCONTRACTORS

> **Estimating**

Easily copy estimate parts from the estimate index and quickly navigate to the last used estimate part.

> **Service & Maintenance**

Make use of an extension to flexible process management on notifications and optimisation for resource planning.

> **4PS Field service App**

Determine yourself which fields are available in the app from the service order, service contract and customer.

New functionalities

CIVIL ENGINEERING

> **Equipment / projects**

Make use of extensions to subcontracting activities, optimisation project monitoring and time accounting.
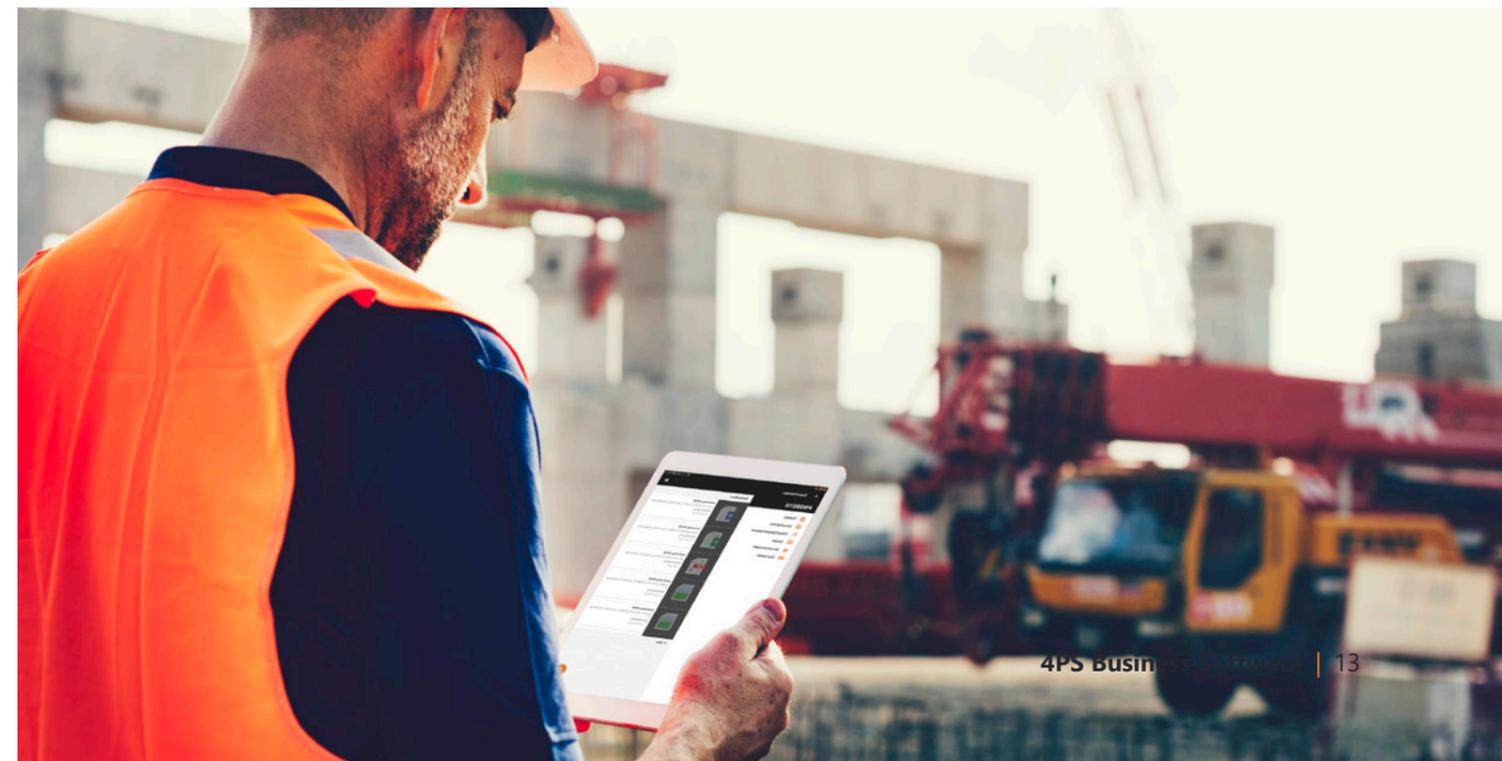
> **Service & Maintenance**

Optimisations for objects in Bing Maps, and flexible process management on notifications.

> **Digital Collaboration platform**

Various extensions to the Digital Collaboration Platform.

> **4PS Civil Engineering App**

Register hours for additional equipment and enter work orders from the past in the 4PS Civil Engineering App.

New in 4PS Control - communicate with subcontractors

On Business Central you can use new functionalities in 4PS Control.

> **4PS Control**

With 4PS Control you share information, documentation and functionality from 4PS Construct with your customers, partners and subcontractors. We have added a number of functionalities to 4PS Control so that you can now also communicate with subcontractors in the field of service and maintenance. You can also use a number of new tiles, such as the work order tile, the purchase order tile, reports, documents and map function.

With the new functionalities you can use 4PS Control for service and maintenance jobs as well as large projects.
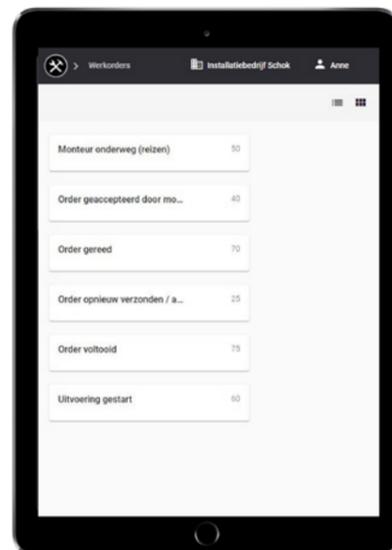
1. Service & maintenance

As a service and maintenance company you have close contact with your customers and partners. It often happens that your clients demand things from you that do not fall within your field. You engage a subcontractor for this. With 4PS Control you can easily and quickly share data from 4PS Construct with your subcontractors. All communication conveniently takes place in one solution.

2. Projects

During your projects you naturally want to keep your customers and partners well informed about the work. With 4PS Control you can communicate with your customers and partners in the field of major maintenance, renovation projects and new construction projects. You can easily show your current projects to customers and partners who apply for a specific role in 4PS Control.

In short, with these new functionalities you can quickly and easily share data from 4PS Construct with all your chain partners. Clear and efficient.

> **Example:** Here is an example of a work order in 4PS Control.

New: 4PS On-site App

On Business Central you can use the new application: the 4PS On-site App.

> **4PS On-site App**

With the 4PS On-site App you can consult documents, issues and checklists on location. Due to a direct link, all information is immediately visible in the ERP system 4PS Construct. This means that you always have all the information at hand and an overview of your projects - wherever you are.

The advantages of the 4PS On-site App at a glance:

1. Total integration

The 4PS On-site App has a link with 4PS Construct. If you enter data in the app, this is immediately visible in 4PS Construct.

2. Work offline

Do you not have a connection on location? No problem! You can also use the app offline. For example, you can easily consult, create and fill in checklists offline.

3. Everything digital

With the 4PS On-site App you always have access to your digital drawings and checklists at any location. Because you always have access to your documents, you always have the latest information at hand and you gain more insight into projects, wherever you are.

4. User-friendly

The app is very user-friendly. For example, take a photo and add it directly to an "Issue". And then indicate the location of the problem on the construction drawing.

> **Example:** Floor plan where you can indicate issues in the 4PS On-site App.

What does the migration process look like?

Do you want to make the switch from Navision to Business Central? Then the migration process can begin. But what does this process look like? What do you have to think about? To make this transparent, we list all steps of the process.

> **Step 1. Collecting data**

Your account manager will request data from you in order to map out the costs for the migration process. This includes information about the products of 4PS, your customisation, the size of the database and the environment on which 4PS Construct has to run.

> **Step 2. Investment overview**

The data collected from step 1 is sent to our project coordinators. Together with the account manager, they make an estimate of the required consultancy. This estimate is sent to you in an investment overview. You will discuss this with the account manager.

> **Step 3. Introductory meeting**

Do you agree with the investment overview? Then the project is handed over to the project coordinators. The person who picks up the project with you will contact you for an introductory meeting. They are your first point of contact during this process.

During the introductory meeting you get to know each other and the expectations are discussed back and forth. Together you determine the path to follow towards a live migration. This is recorded in a project plan and schedule.

> **Step 4. Implementing the migration process**

When we start implementing the process, we will start with the following activities:

1. Trial migration and installation (by 4PS)

2. Convert customisation to AL (by 4PS)

3. Follow e-learning

4. Knowledge sessions explaining new functionality

5. Adjust / refine the device (first device before testing is started)

6. Testing the new version (incl. Peripheral products)

7. Checking customisation (reports, links)

8. Adjust / refine layout

9. Adjust work instructions

10. Train End Users for Live Migration

> **Step 5. Aftercare**

When you have completed all the activities from step 4, the migration process is ready. It is important to continue to optimise and develop after the process. Therefore, it is important to think about how you keep knowledge within the organisation and make updates.

> **E-learning**

Many manuals are provided during a migration process. But how can you be sure that someone has read it and - more importantly - understood it? During the migration process, your employees can use the 4PS e-learning modules. With the e-learning, your employees can learn how to properly use 4PS Construct on the Business Central platform as well and efficiently as possible.

> **Customer experience**

'We opted for Business Central so that our employees have access to our ERP environment from any device. In the future, it also offers us more opportunities for further optimisation of our processes and further digitisation in order to better realise our ambition as an integral real estate partner. The migration process went well. "- Bart Vorstenbosch, Financial Director, Hendriks Building and Development

More information?

Do you want more information? Please contact Sales Manager Erwin Kreijne.

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