4PS
Control
Communication with supply chain partners

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. 4PS Control is one of these portals that can be used to organise your information flows with respect to service and maintenance and projects.

Communication with supply chain partners

The increasing demand for the construction of energy-efficient homes and challenges in terms of saving energy and climate resilience affect your business processes. Together with your clients and (supply chain) partners you are faced with the challenge of achieving these sustainable social goals. Where different interests are at stake, proper communication is essential for successful cooperation.

But how do you ensure clear communication and keep your information flows transparent and manageable? And how do you manage expectations?

4PS Control can help

4PS Control enables you to share information, documentation and functionality from 4PS Construct with your clients and subcontractors. This will keep information flows organised and help contribute to more efficient and enjoyable cooperation.

Three advantages of 4PS Control

1. Professional communication

Share information from 4PS Construct with your clients and subcontractors quickly and easily. All communication is conveniently located in one place, ensuring clarity and efficiency for all parties involved. Working together was never easier!

## 2. Personal, familiar and controllable

You can offer every client and subcontractor their own portal with their personal look & feel. You control which information your client or subcontractor has access to, both in terms of house style and user permissions. In this way, every client or subcontractor has their own unique and customised portal, while you remain in control of the big picture.

3. Real-time information

4PS Control is a full-scale cloud service, which means you will have the benefit of real-time insight into your processes anywhere in the world.

Why use 4PS Control?

In 4PS Control we have set up various information flows for you. Each of these information flows is depicted as a 'tile' and corresponds to the relevant data in 4PS Construct.

For example: in order to show information on service calls, the service call tile is linked to the service call card in 4PS Construct.
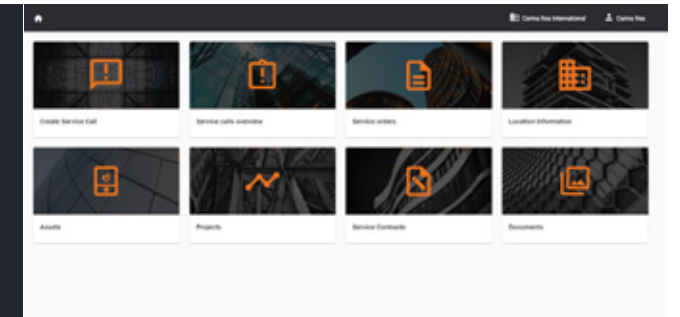
> **Example:** The 4PS Control login page

> ## In control of your information flows

Based on the selected tiles and the fields within these tiles, the corresponding information is retrieved from the card in 4PS Construct. This helps you organise the information flows with your clients and subcontractors.

> ## Available tiles in 4PS Control

The next page shows a list of the tiles currently available for service and maintenance and projects in 4PS Control.

> ## Share information

In 4PS Control you can choose which tiles you want to share with other parties. You decide which tiles you want to purchase and display in 4PS Control.

Available tiles in 4PS Control

Service & Maintenance

Together with your clients and (supply chain) partners, you are facing the challenge of cooperation. When working together proper communication is a must. We help you communicate clearly with stakeholders during the various phases of the process.

Get a better grip on the performance of work for installations, buildings, plant and more. Whether this involves preventative maintenance, work under contract or small jobs and malfunctions.

Communication with your clients

As providing service and maintenance services often involves long-term maintenance contracts, you are always in close contact with your clients.

Communiction with your subcontractors

Your clients will often ask for things that are beyond your area of expertise. For this work you engage a subcontractor. Sometimes it can be difficult to communicate clearly about the work to be carried out with different subcontractors. 4PS Control enables you to share information from 4PS Construct with your subcontractors quickly and easily. All communication is conveniently located in one place.

Projects

Projects

Large projects involve a lot of communication, as you are dealing with several stakeholders. Examples of projects include major maintenance, renovation and new-build projects.

Communication with your clients

You want to keep your clients up to date on the progress of work during the course of the projects. 4PS Control enables you to communicate with your clients with respect to major maintenance, renovation projects and (new-build) projects. It can be used to show current projects to clients that are relevant to a particular role in 4PS Control.
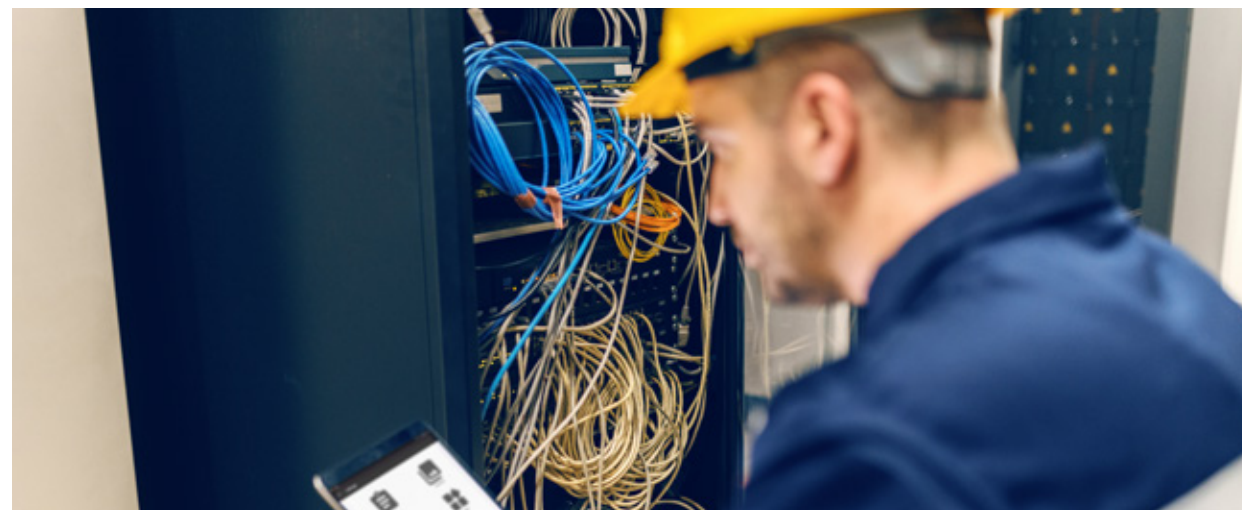
Getting started with 4PS Control

In 4PS Control several information flows are set up. Each of these information flows is depicted as a 'tile' and corresponds to the relevant data in 4PS Construct.
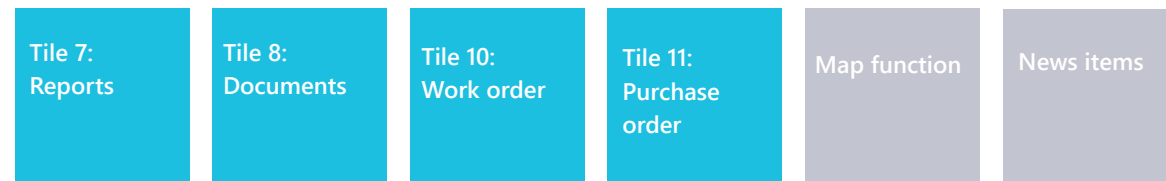
Service & maintenance | Communication with your clients
The tiles below are suitable for service and maintenance companies that keep close contact with clients.

Tile 1: Service Calls	Tile 2: Call form	Tile 3: Service contracts	Tile 4: Orders	Tile 5: Locations
Tile 6: Objects	Tile 7: Reports	Tile 8: Documents	Map function	News items

Service & maintenance | Communication with your subcontractors
The tiles below are suitable for service and maintenance companies that keep close contact with subcontractors.

Tile 7: Reports	Tile 8: Documents	Tile 10: Work order	Tile 11: Purchase order	Map function	News items

Projects | Communication with your clients
Does your company work on project basis? The tiles below are suitable for companies that work project-based and want to maintain close contact with clients.

Tile 7: Reports	Tile 8: Documents	Tile 9: Projects	Map function	News items

> **Tile 1: Service Calls**

The Service Calls tile shows fields of the service call card in 4PS Construct. It enables you to view all open service calls and corresponding details in a calls list.

From this list, your client can make out which service order is linked to a call, and whether a call contains an appendix or document (which can be instantly downloaded).

Views can be personalised for each role. For example: a location manager's view may differ from that of a resident.
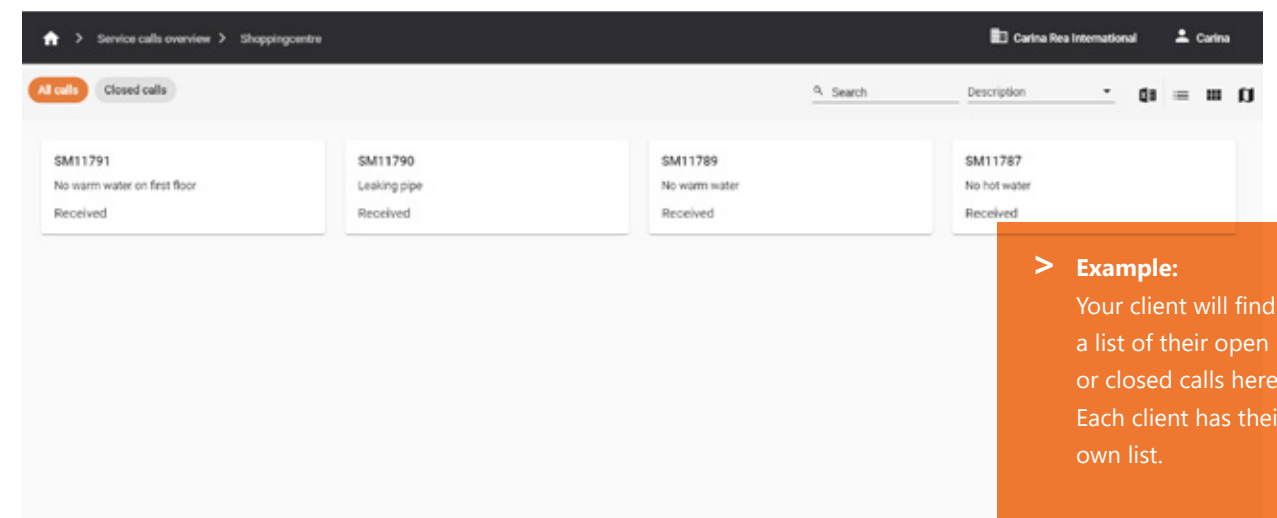
✓ For clients (service & maintenance)
✕ For subcontractors (service & maintenance)
✕ For clients (projects)

> **Tile 2: Call Form**

This tile is used to create service calls in 4PS Construct. Once your client has created a service call, 4PS Control will send the information directly to your 4PS Construct service call card. An attachment, such as a photograph of, for example, a defective socket can be added as well.

You decide which fields you want your clients to fill in when a call is created. And also whether these are mandatory fields.

✓ For clients (service & maintenance)
✕ For subcontractors (service & maintenance)
✕ For clients (projects)

> **Example:**
Your client will find a list of their open or closed calls here. Each client has their own list.

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> Tile 3: Service Contracts

The Service Contracts tile retrieves and shows all information related to service contracts from the contract cards in 4PS Construct. It allows you to create access to current service contracts and their conditions for your clients. Here too, you decide which fields apply to particular roles. The information can then be filtered and sorted by status.

- ✓ For clients (service & maintenance)
- ✕ For subcontractors (service & maintenance)
- ✕ For clients (projects)

> Tile 4: Orders

The Orders tile shows information from the service order card in 4PS Construct. It lists the orders received and processed your clients, which can then be filtered based on their status. In this way, open and/or processed orders can be filtered out for a specific role.

- ✓ For clients (service & maintenance)
- ✕ For subcontractors (service & maintenance)
- ✕ For clients (projects)

> Tile 5: Locations

The Locations tile shows information from the service location card in 4PS Construct. It enables you to easily share service locations with your clients. In this way, your client will be able to see which service calls are open on a specific location.

- ✓ For clients (service & maintenance)
- ✕ For subcontractors (service & maintenance)
- ✕ For clients (projects)

> Tile 6: Objects

This tile shows information from the objects card in 4PS Construct. It allows you to show service objects that are relevant for a specific role. For example, a location manager. In addition, double-clicking will show you which contract, order or call the object is linked to.

- ✓ For clients (service & maintenance)
- ✕ For subcontractors (service & maintenance)
- ✕ For clients (projects)

> Tile 7: Reports

In contrast to other tiles, this one is linked directly to Microsoft Power BI rather than to 4PS Construct. It provides insight into statistics, your SLAs and indicators. In addition, you can make a particular dashboard available to your clients and subcontractors. Clients and subcontractors can then 'play' with the dashboard as the entire work space is shown.

- ✓ For clients (service & maintenance)
- ✓ For subcontractors (service & maintenance)
- ✓ For clients (projects)

> Tile 8: Documents

The Documents tile shows all the documents you have made available to your clients (also by role). For example, manuals. You can download multiple documents simultaneously in a zip file. Clients cannot upload documents. Documents are always saved in 4PS Construct.

- ✓ For clients (service & maintenance)
- ✓ For subcontractors (service & maintenance)
- ✓ For clients (projects)
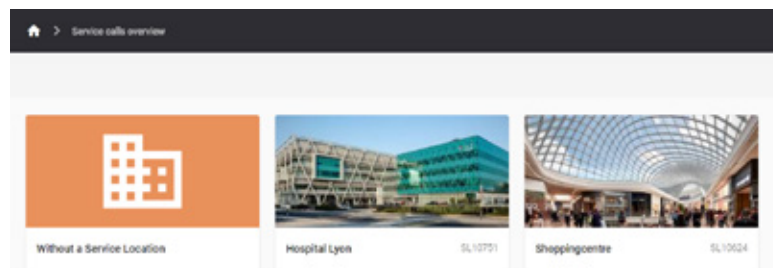
Getting started with 4PS Control

> ### Tile 9: Projects

The Projects tile is linked to the project card in 4PS Construct. It can be used to show the major maintenance and renovation projects that are relevant to a particular role in 4PS Control.

✓ For clients (projects)
✕ For customers and partners (service & maintenance)
✕ For clients (projects)
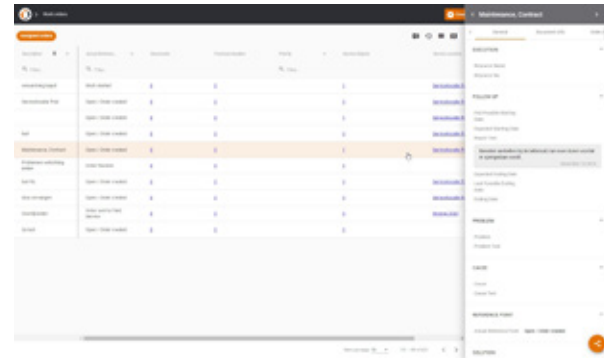
> **Example:** Your subcontractor will find a list of their open or closed work orders here. Each subcontractor has their own list.

> ### Tile 10: Work order

With the Work Order tile you can have work orders, created in 4PS Construct, followed up by the relevant subcontractor in 4PS Control. As with the other tiles, you are in control of the information shown to the subcontractor in 4PS Control.

The Work Order tile shows information from the work order card and (in part) from the service order card in 4PS Construct. This tile lists the work orders, including attachments, that were assigned to your subcontractor. In addition, 4PS Control shows the corresponding purchase order as well as other information such as the registration procedures and contact and location details.

Your subcontractor can also edit the work order by, for example, adjusting the status or adding a picture.

Within the Work Order tile, information can be filtered based on priority or earliest possible start date. This is useful for employees with a particular role who need to be able to easily prioritise work orders.

Will your subcontractor be outsourcing the work? In this case, the user can print or e-mail the work order based on the work sheet specified by you in 4PS Construct. This makes sharing information about the work to be carried out much easier. The Work Order tile also helps your clients gain insight into the work listed in 4PS Control. In this way, you can communicate with your clients as well as your subcontractors within a single central system.

✓ For customers and partners (projects)
✕ For customers and partners (service & maintenance)
✕ For subcontractors (projects)

> ### Tile 11: Purchase order

The Purchase Order tile helps you make purchase orders with purchase lines and additional documents available to the subcontractor. Your subcontractor can subsequently download all the information to one single location. Unnecessary paperwork will be a thing of the past, as all information is digitally available in one location.

✓ For clients (projects)
✕ For clients (service & maintenance)
✕ For subcontractors (projects)
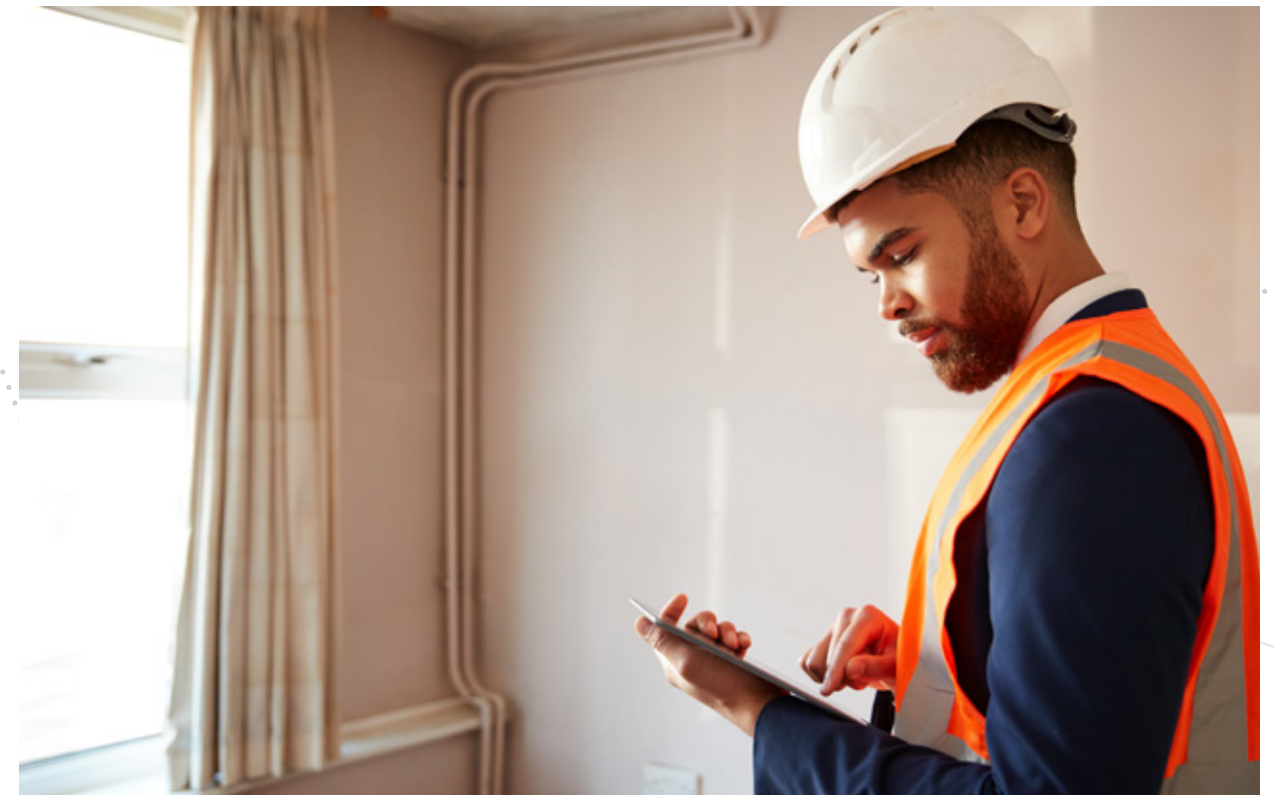
Other 4PS Control functionalities

Admin function

Map function

4PS Control has a standard map function. If latitude and longitude information is recorded in 4PS Construct, data can be presented via the map view. For example, the map will show you which objects have open service calls, and whether these malfunctioning objects are situated close together. The map function enables you to use maps, satellite images and aerial photos in bird's eye view of urban areas.

> **Example:**
> Overview of service object locations in 4PS Control
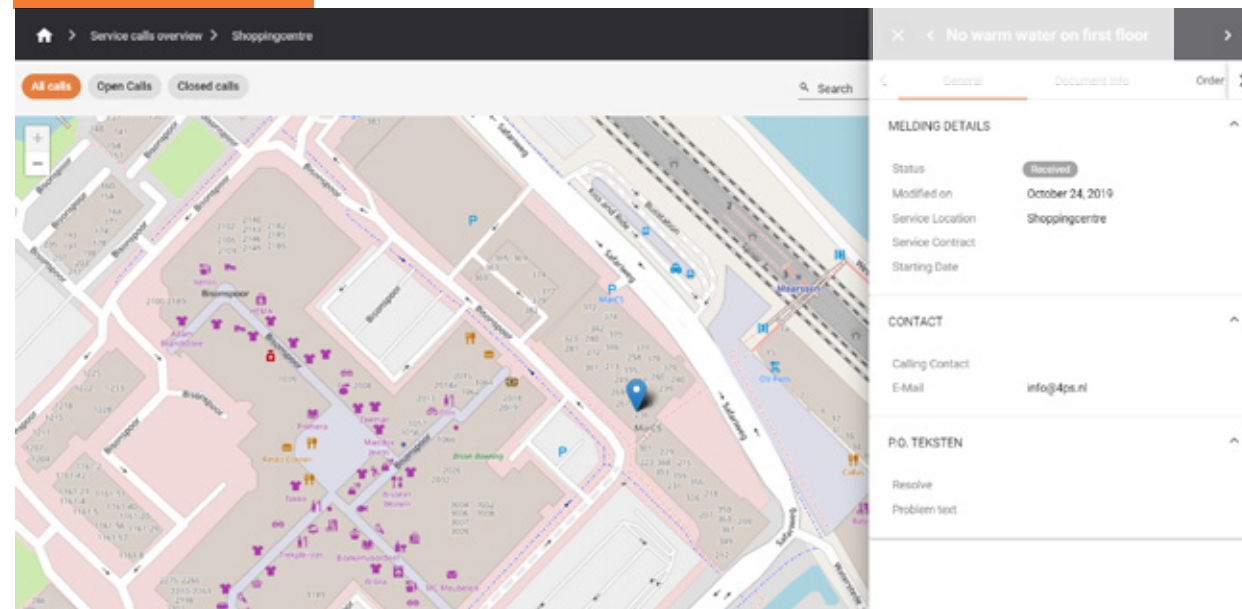
News items

4PS Control has a standard News Items tile. With this tile you can easily create news items or welcome messages, in order to share your news with clients, subcontractors and other supply chain partners. These news items aren't linked to information from other tiles, for example, a specific project or call. They can also be tailored to 'role level'. In this way, everyone gets to see relevant and personalised news items and a welcome message. Your supply chain partners will always be up to speed on the latest news!

As the administrator, you create and manage the portals of your clients and subcontractors, which is an easy task thanks to the user-friendliness of 4PS Control. The 4PS Control administrator functionality comprises the following elements.

Role management

Role management is used to create roles for your clients' positions, such as 'project manager', 'resident' or 'project engineer'. You decide whether you or your client or subcontractor is responsible for managing the roles within their own portal.

Tile management

Tile management helps you record which tiles are displayed within the environment of a particular user role. You can add or remove information from a tile, or choose a default template comprising a number of preselected tiles. For more information about template options, please refer to chapter 'Template Setup'.

Configuration

Your settings are recorded in configuration.

> **Example:**
> The elements of the administrator functionality.
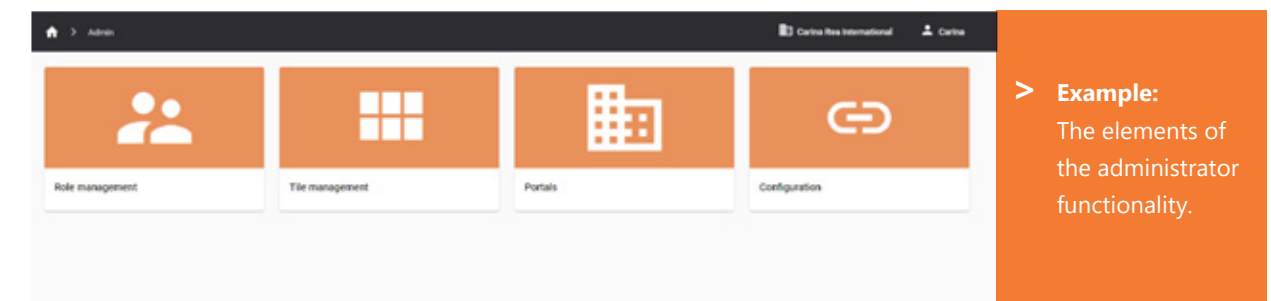
Template setup

Template Setup

In 4PS Control you can choose to design your own template or use a default basic template.

Default basic template

Based on our experience within the industry in which you operate, we have developed basic templates with a standard set of tiles that best suit your working methods. This will help you get off to a flying start!

You may want to make your own choices in terms of the look and layout of your portals. In this case, you can start off with an empty portal and build and personalise it using the tiles and house style of your choice. Finally, save it as your basic template.

4PS Control in the cloud

4PS Control was developed as a full-scale cloud solution, or Software as a Service (SaaS). The platform operates in the Microsoft Azure cloud, to which your 4PS Construct database will be linked. No additional installations on your machine are required. In this way, you will always have the latest version of the software, which is safe, familiar and available everywhere.

Access to 4PS Control anywhere and anytime

Your clients and subcontractors will receive a personal URL for their own portal. This portal will automatically resize to the device used: computer, laptop and telephone. Therefore, your clients and subcontractors don't have to download any apps. Logging in on 4PS Control is very user-friendly.

Using their own Microsoft Office 365 account your clients and subcontractors do not require a username and password. This easy way of logging in is known as "Single Sign On".

If clients prefer using separate login information, they can use their own e-mail address and password of choice.

The advantages of working in the cloud

1. Only one version. So your software is always up to date.

2. 4PS will take all wories about installation, updates, compatibility and technical management out of your hands.

3. Access to 4PS Control anywhere and anytime. Your customers/ partners log in using 'Single Sign On', which means no new login information is required.

The future of 4PS Control

We are constantly working on improving all our products, including 4PS Control. The platform will be continually fine-tuned to suit your wishes, so that in the future, you will be able to use 4PS Control for all your partnerships that require information from 4PS Construct.

More information

Do you have any questions or would you like more information about 4PS Control?

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