4PS
GRAPHICAL RESOURCE PLANNING

Combine people and equipment at the right time

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.

Take control of your planning

A proper planning is an indispensable part of your business processes. Unfortunately, many companies in construction, civil engineering, infrastructure and installation technology have insufficient understanding of their planning. This leads to delays, unexpected costs and dissatisfied partners and customers.

You can manage your planning with the 4PS Graphical Resource Planning (GRP), which is an integrated planning tool, linked to other business processes. You will once more see the availability and capacity of employees, subcontractors and equipment. You can increase efficiency, avoid incorrect scheduling of employees or equipment and ensure greater customer satisfaction.

Consider your resources at a glance

You require the right resources, in the right place and at the right time, for your projects and service and maintenance jobs to be successful. Our all-round planning tool helps you draw up an organised and efficient planning of your resources for your projects.

4PS Graphical Resource Planning

3 Advantages of the 4PS Graphical Resource Planning

1. Easy to use

In the 4PS Graphical Resource Planning you create an organised digital planner screen in a flash. Create new projects, service orders or requests with ease, and see a personalised graphical view. It gives you a proper view of how the planning turns out. Clear and simple, and saving you time.

2. Link resources easily

You can schedule people and equipment separately or together. By linking resources, you can for example schedule a crane driver and a crane for one task, moving them both in the planning with just one click. When you reschedule, the planning will consider linked resources. So, if you reschedule the crane, the 4PS Graphical Resource Planning will automatically link the crane driver.

3. Flexible project planning

Draw up a short- or long-term planning? The 4PS Graphical Resource Planning adapts to your needs. For example: use work orders for the daily planning of service orders or plan resources over longer periods of time.
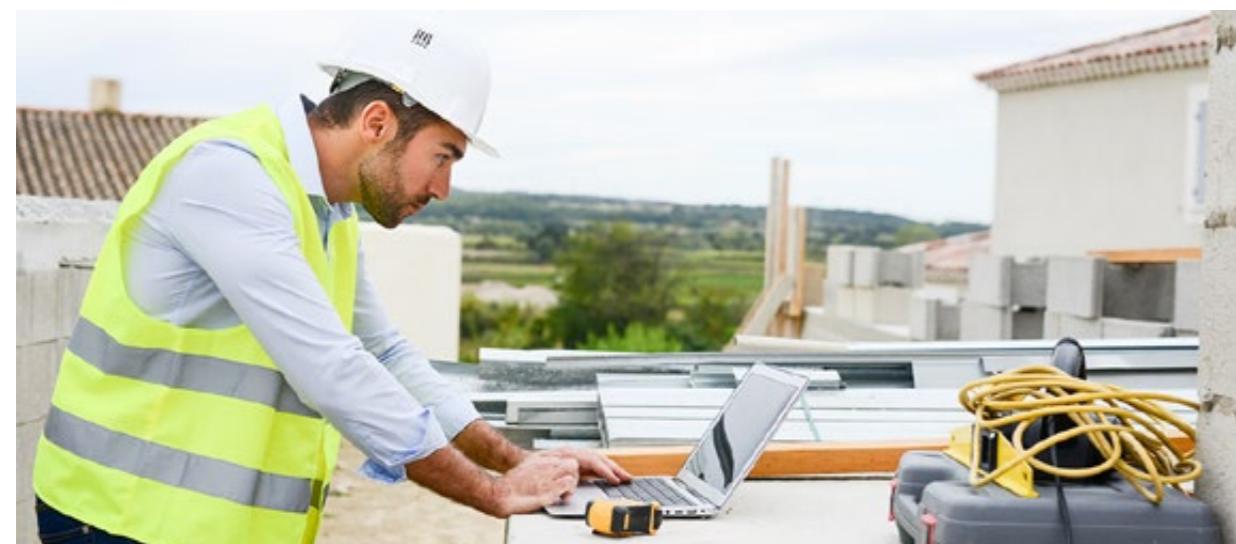
Who is the 4PS Graphical Resource Planning suitable for?

Service orders and projects can be scheduled in the 4PS Graphical Resource Planning with a variety of functionalities.

> Service orders

Do you mainly work with service and maintenance work, and do you want to schedule short-cyclic tasks? We recommend the functionality Service Orders in the 4PS Graphical Resource Planning.

It is suitable for scheduling relatively easy service and maintenance jobs. You can use it to separate an incoming service order into work orders. A service order of a leaking radiator, for example, can be divided into work orders, like replacing the radiator or re-laying a floor. These work orders can easily be scheduled for a number of field service employees in the 4PS Graphical Resource Planning.

> Projects

Do you mainly work on large projects? Use the functionality Projects to draw up an organised long-term planning. Preparing work and drawing up estimates becomes a walk in the park!

Just like a service order can be subdivided into work orders, a project can be subdivided into elements. Elements of a building project may vary from pouring a concrete foundation to constructing a bathroom.

All these elements can be scheduled in your 4PS Graphical Resource Planning.
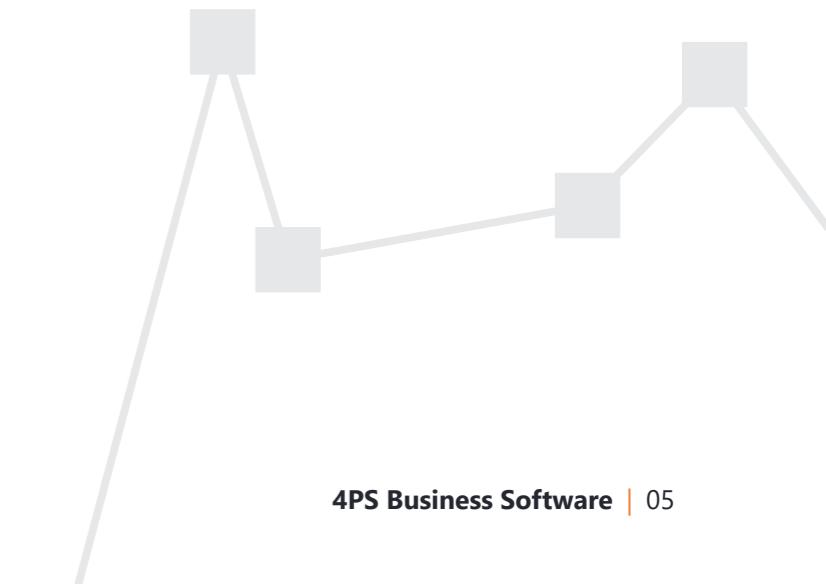
4PS Graphical Resource Planning

The 4PS Graphical Resource Planning is a graphical planning tool, with which you can easily schedule people and shifts for the short-term (daily planning) or middle-term.

When you use a digital overall planning, you will be more efficient, gain a better understanding about people and equipment and collaborate better.

Clever functionalities

> Personalise view

If you use filters and search boxes in the 4PS Graphical Resource Planning, you can quickly and easily modify the view of the planner screen. For instance, do you want your planning to show available mechanics in a certain region? Filter the planning and see at a single glance what resources are available at a certain time.

> Unscheduled work

Besides scheduling employees or equipment, the 4PS Graphical Resource Planning can be used to record work orders or elements of a project without a specific employee or equipment in the planning. This is called 'unscheduled work'. You can create work orders or elements for types of equipment and/or levels of discipline. For example, you specify that a work order has to be executed by an electrician, but you do not link a specific employee.

This unscheduled work is placed on a higher level in the planning and has a different colour. At the bottom of the planner screen, you can see these tasks grouped per resource type. The planner can see immediately what work still requires planning.

> Plan a project, service order or resource request

You can plan people and equipment in the 4PS Graphical Resource Planning for projects, service orders and resource requests. You can easily specify how much capacity you require.

> Register or order new articles

After you schedule personnel and materials, you can specify what articles you need per work order. Not in stock? Order the necessary articles based on the work order, and generate a purchase order in the 4PS Graphical Resource Planning.

> Change your planning

Schedules are seldom static. It may occur that an employee cannot work on an order on the required day. In the 4PS Graphical Resource Planning it is easy to drag a work order or element to another employee, who is available, or to another, more convenient

4PS Graphical Resource Planning

> Enter cost rates in a planning

Do you also want to include cost rates of people and equipment in the planning? You can record rates like an hourly rate for an employee, or rental costs for equipment in the 4PS Graphical Resource Planning.

> Record price agreements

You can record specific price agreements for customers in the 4PS Graphical Resource Planning. Examples are fixed amounts you agreed upon, but also a fixed hourly rate or a discount. Because a summary sheet is created directly from the request, you can quickly provide an invoice for the customer.

> Link resources

It is possible to link resources in the planning. You can for instance link a driver to a lorry, or a group of employees to a shift. In the planning, you can use a filter for these linked resources, so you always schedule the right combination. Say you move a work order in your digital planner screen to another date, the linked resources will move along automatically.
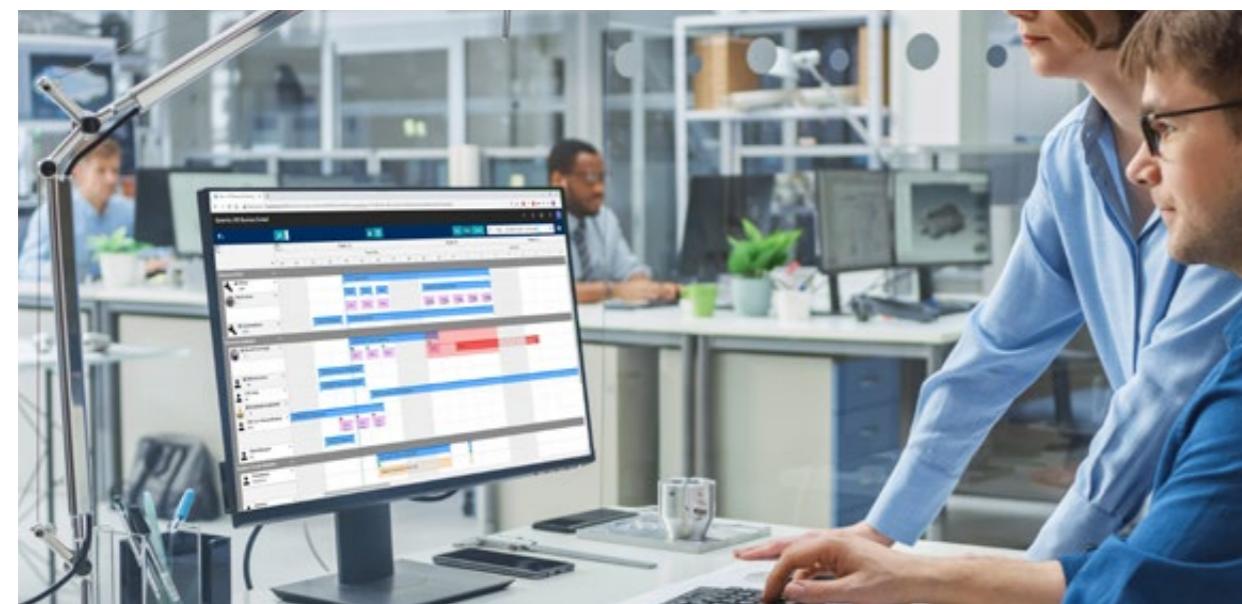
Interfaces

The 4PS Graphical Resource Planning is part of the ERP software 4PS Construct. This means your planning will integrate perfectly with other business processes. If you, for example, link with the 4PS Field Service App and the 4PS Civil Construction App, you can keep each and everyone abreast of the latest planning.

> Rough Planning

Besides the 4PS Graphical Resource Planning, 4PS offers even more planning tools to flesh out your schedule. With the Rough Planning of 4PS Construct, you can gain even more insight into the long-term capacity planning of your company. You can record the expected capacity need for commercial processes, projects and service work in the Rough Planning.

> Project Capacity Need Planning

You can also use the 4PS Project Capacity Need Planning to add personnel capacity to a project. This module allows you to assess whether the available personnel capacity is sufficient for the work.
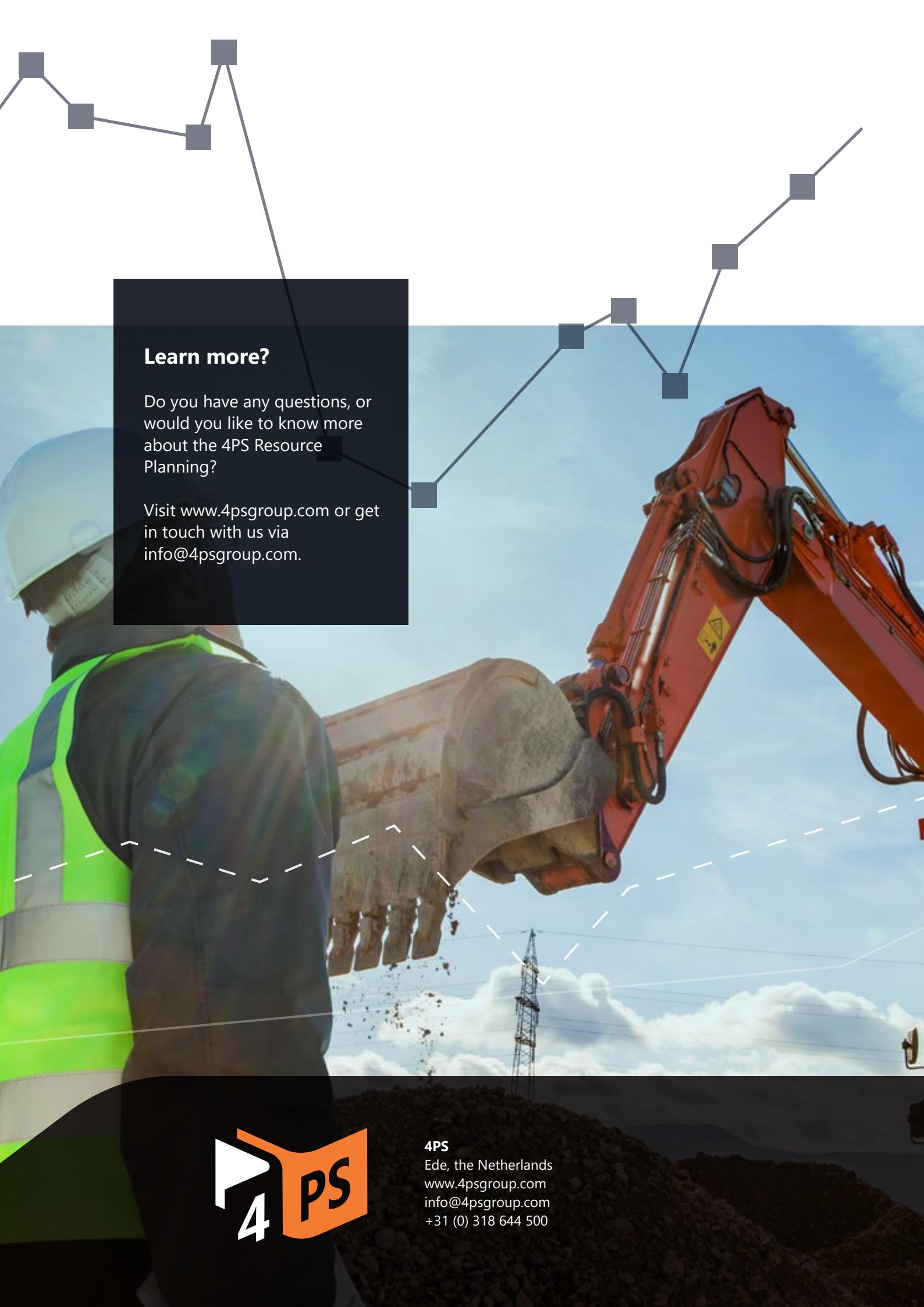
Learn more?

Do you have any questions, or would you like to know more about the 4PS Resource Planning?

Visit www.4psgroup.com or get in touch with us via info@4psgroup.com.