

4PS CONSTRUCT

Business Software

Real-Time Control and Insight Into Your Business Processes

Construction | Civil Engineering | Mechanical and Electrical
Service and Maintenance | Housebuilders | Equipment rental



The rising cost of building materials, BIM, biodegradable bricks, cladding, use of drones, sustainable construction and other new developments are making life more complex for construction companies.

How do you become more efficient and increase profitability?

Paula Middelkoop
Director Product & Development 4PS

Foreword

In the construction industry everything happens very quickly. At the same time, construction is a complex process in which many parties are involved and a lot of information is exchanged in all phases. Maintaining a steady and organised flow of communication inside your organisation as well as outside of it with subcontractors can be a challenge.

> Going digital is all about keeping it simple

Our ERP system, 4PS Construct, is an integrated software solution that optimises all of your primary business processes. Based on the latest technology Microsoft Dynamics 365 Business Central, 4PS Construct is user-friendly, cloud-based, always up-to-date, scalable and secure. The question is not whether, but how companies would like to deploy it within their projects for optimised efficiency.

> How 4PS began

We understand how construction works and in 2000 we decided that we can help the industry perform better and more efficiently by introducing an ERP solution specifically tailored for construction businesses. Therefore, we developed and introduced the software solution 4PS. We picked Microsoft as the technology platform and customised it for the industry. We built in best-practices and all the functionality that enables construction business efficiency on top of the scalable Microsoft platform. This is how the 4PS Construct product was created and brought to market.

In the past few years, 4PS has grown to become a key international provider of software for construction, civil engineering, mechanical and electrical, service and maintenance, house builders and equipment rental with offices in both Birmingham (United Kingdom), Ede (the Netherlands), Ghent and Hasselt (Belgium), Gothenburg (Sweden) and many international partners.

Since 2023, 4PS is part of the The Hilti Group. Hilti supplies the construction and energy industry worldwide with technologically leading products, system solutions, software and services.

> Hilti and 4PS: Pioneers in the digital transformation of the construction industry

Hilti and 4PS share the conviction that optimised business processes offer enormous productivity potential for the construction industry. Construction projects are complex and the administrative tasks are time-consuming.

By integrating our services and cloud solutions and cloud solutions into Hilti's portfolio, we will become an even stronger digitalisation partner for the construction industry. This is an important step in enabling us to take a leading role in the European market.

In this brochure, you can find out what our 4PS Construct business software can do for you.

If you still have questions after reading this brochure or would like more information, please contact us. We will be happy to help you.



Founded in
2000

1 Industry:
the construction sector

Construction | Civil Engineering
Mechanical and Electrical
Service and Maintenance
Housebuilders | Equipment Rental
and other specialist subcontractors



450+ Companies
worldwide use our software

350+ Professionals

working hard to create the
best software every day



5 Offices

Birmingham, United Kingdom
Ede, The Netherlands
Ghent & Hasselt, Belgium
Ulm, Germany
Gothenburg, Sweden

5 International
partners

In over 20 countries



WINNER

Construction Management
Software of the Year in 2022 and
2023 - voted by the industry



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What benefits 4PS could bring to you

4PS has specifically developed an end-to-end integrated software solution based on the Microsoft platform and tailored for construction, civil engineering, mechanical and electrical, service and maintenance, house builders, equipment rental companies and other specialist subcontractors. All processes and components of these sectors are integrated in our solution. This ensures good support during the planning, implementation and after sales service for your projects.

Microsoft Dynamics 365 Business Central

We have been developing our solution on NAV for 20 years. Since 2019 we have been offering our 4PS Construct on the latest Microsoft Dynamics 365 Business Central platform. This means that all Microsoft technologies have been integrated and that the software is accessible from anywhere, any time and on all devices. You will therefore always be using the most up-to-date software and you will automatically benefit from the latest developments.

Construction Software of the Year

4PS UK was named the winner of Construction Management Software of the Year in 2020, 2022 and 2023 and the Construction Software of the Year Award in 2019 amongst a large pool of innovative solutions. Winning the award is a valuable recognition for the work we do towards shaping a better future for the construction industry. The fact that we have been voted the winner by the industry shows 4PS is trusted to lead the way to better efficiency in construction.

Hilti Construction Software

Hilti offers a diverse portfolio of construction software solutions. These scalable and customisable solutions are designed to meet the individual needs of companies in different phases of their digital transformation - from the fully integrated ERP solution 4PS Construct to modular solutions that are tailored to the management of plants, projects or personnel. As a dedicated partner in the construction industry, Hilti Construction Software endeavours to support your company with our more than 80 years of experience and expertise.

Fully specialised in the construction industry

We would like to introduce you to our sales team:

Paul Kerr
Business Unit Manager

07966 482376
paulk@4ps.co.uk

Paul Broderick
New Business Sales

07581 502186
paulb@4ps.co.uk

Darren Hesketh
New Business Sales

07956 168587
darrenh@4ps.co.uk

Mike Smallwood
Business Unit Manager

07928 053628
mikes@4ps.co.uk

Elliot Herdmen
New Business Sales

07951 060033
ellioth@4ps.co.uk

5 reasons why you should choose 4PS Construct

Digitisation brings simplicity to your business processes and gives you full visibility over your operations. With the integrated end-to-end business management solution 4PS Construct you can take advantage of the following benefits:

1. We understand the construction industry

We have 20 years of experience in construction serving more than 450 satisfied customers. With a large number of customer implementations, we have been supporting businesses in all sectors of the construction industry to adopt best practices, improve their project control and increase efficiency. At 4PS, we utilise our unique structured and systematic implementation process so that we can ensure that your 4PS project is a success.

2. Based on the most innovative Microsoft software

We like keeping it simple and you can see this in our software solutions. We receive the latest technological updates from Microsoft. 4PS then translates these innovations into practical solutions that empower construction businesses to be more efficient and profitable every day. Therefore you will always have the latest version and have access to your system from anywhere, anytime and on all devices.

Microsoft Dynamics 365 Business Central is integrated with other Microsoft cloud services and can be expanded with additional Microsoft solutions, such as Microsoft 365 and Microsoft Power Platform.

3. Integrated software for all your processes

4PS Construct offers a complete overview of business processes. It is an all-in-one solution that includes project management, service and maintenance, estimating, plant management, planning, subcontractor management, project costs and forecasting, project sales leads, financial administration including Making Tax Digital and construction finance quirks such as CIS and Reverse Charge VAT and much more in one software package. You can generate reports easily without leaving the system, and also create new custom reports without the need for development or assistance from your IT department.

4. A secure overview in the cloud, anytime and everywhere

4PS Construct has a full-scale cloud service option. All your data will be saved to the Microsoft Azure Cloud. This means that you will have real-time insight into your data on your phone, tablet or laptop. Anywhere in the world. Microsoft has an availability of 99.99%. You will therefore always have access to your data and full functionality at all times of the day.

Microsoft meets the highest security requirements/ISO certifications and the cloud is especially secure. We can, therefore, assure you that working in the Azure Cloud will give you more protection than any other server form.

5. No major investment

4PS Construct is offered as Software as a Service (SaaS). This means that the software is offered through the web in the form of a subscription service. As a result, you do not need to make capital investments in licences and hardware. At the same time you will always have the latest hardware and everything required for running 4PS on Business Central included in your named users monthly subscription.

Integration with the Microsoft Platform

Based on Microsoft Dynamics 365 Business Central, 4PS Construct integrates with the entire Microsoft suite. Thus, you benefit from maximised efficiency for your construction business.

> Microsoft 365

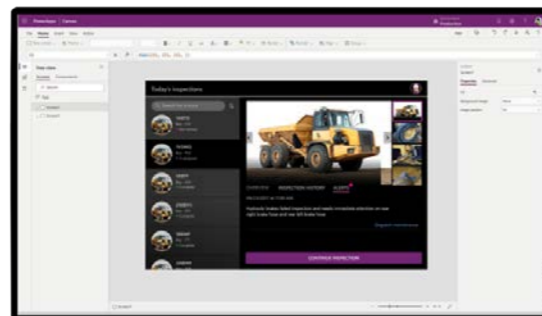
Microsoft 365 is a collection of well-known applications such as Outlook, Word, Excel and PowerPoint and is now enriched with the innovative OneNote, OneDrive for Business, SharePoint and Microsoft Teams. One of the key advantages for this environment is that you only need to sign up once and then access all applications whenever you need them. All components within Microsoft 365 are fully integrated and ensure seamless flow of data. In Outlook, for example, you can sync contact information with your 4PS Construct business management system. Therefore, you enter data only once.

> Microsoft Power Platform

In the Microsoft Power Platform, you can combine all your data from Dynamics 365 and Office 365 into one large, linked environment. You can build apps, analyse data and automate processes yourself using tools like Power BI, Power Apps, Power Automate and Power Virtual Agent.

Microsoft Power Apps

Using Power Apps can help you to save time by minimising the impact of manual processes such as completing holiday requests. The data is automatically processed within your ERP system and, with all of your tools integrated, you can easily set up dashboards to monitor these apps using Power BI.



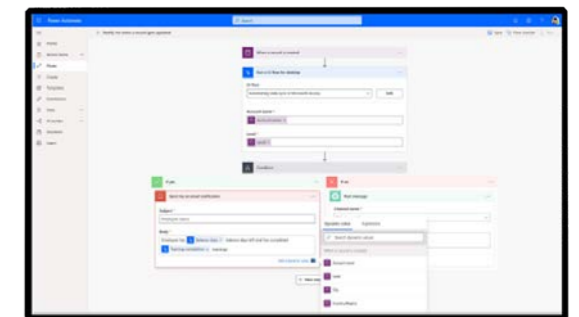
Microsoft Power BI

Decision making based on facts has never been easier. Using Microsoft Power BI, you can get the reports you want in easy-to-use dashboards in just a few clicks. Because Power BI is linked to your ERP system, you can immediately retrieve all the information you need and display it clearly using engaging graphical data representations.



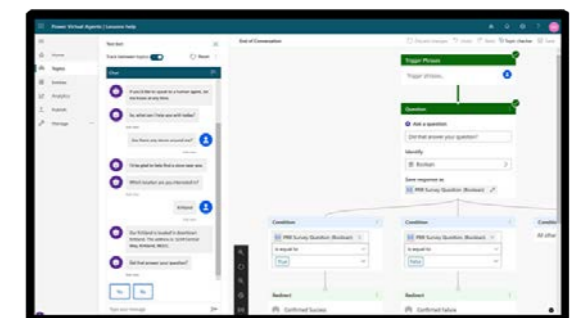
Microsoft Power Automate

Using Power Automate, you could create a "flow" based on a new employee filling out a form. This data would then be automatically forwarded to five colleagues, with each assigned a specific task. For example, one could be asked to organise login details for the new employee, and another could be tasked with sharing onboarding materials or ordering uniform. Reminders are automatically sent if these tasks aren't completed, and managers can easily check the progress of each task.



Microsoft Power Virtual Agents

With Power Virtual Agents in the Power Platform, you can create and manage powerful chatbots without any programming knowledge and easily integrate them with the products and services you use every day. Using a chatbot to answer frequently asked questions from customers or employees saves your staff time so they can focus on dealing with more complex queries.



Which work processes does 4PS Construct support?



4PS Construct Core

- Finance and accounts
- Subcontractor Management & CIS
- Project Activities Management
- Multi-level Work Breakdown Structures
- Project budgets, actual costs and forecasts
- Valuations schedule & Applications for Payment
- Variation orders
- CVR's, forecasts, cost-to-complete
- Purchasing & Requisitions
- Risks & Opportunities recording
- Estimating
- Integrated Document Management
- House types and buyer options for housebuilders
- Employee records & qualification management
- Inventory & Warehouse Management



Sales & Marketing

- Project Lead Management
- Sales pipeline reporting
- Home Buyer Management
- Contact Management
- Quotes, bids and tenders
- Customer Relationship Management



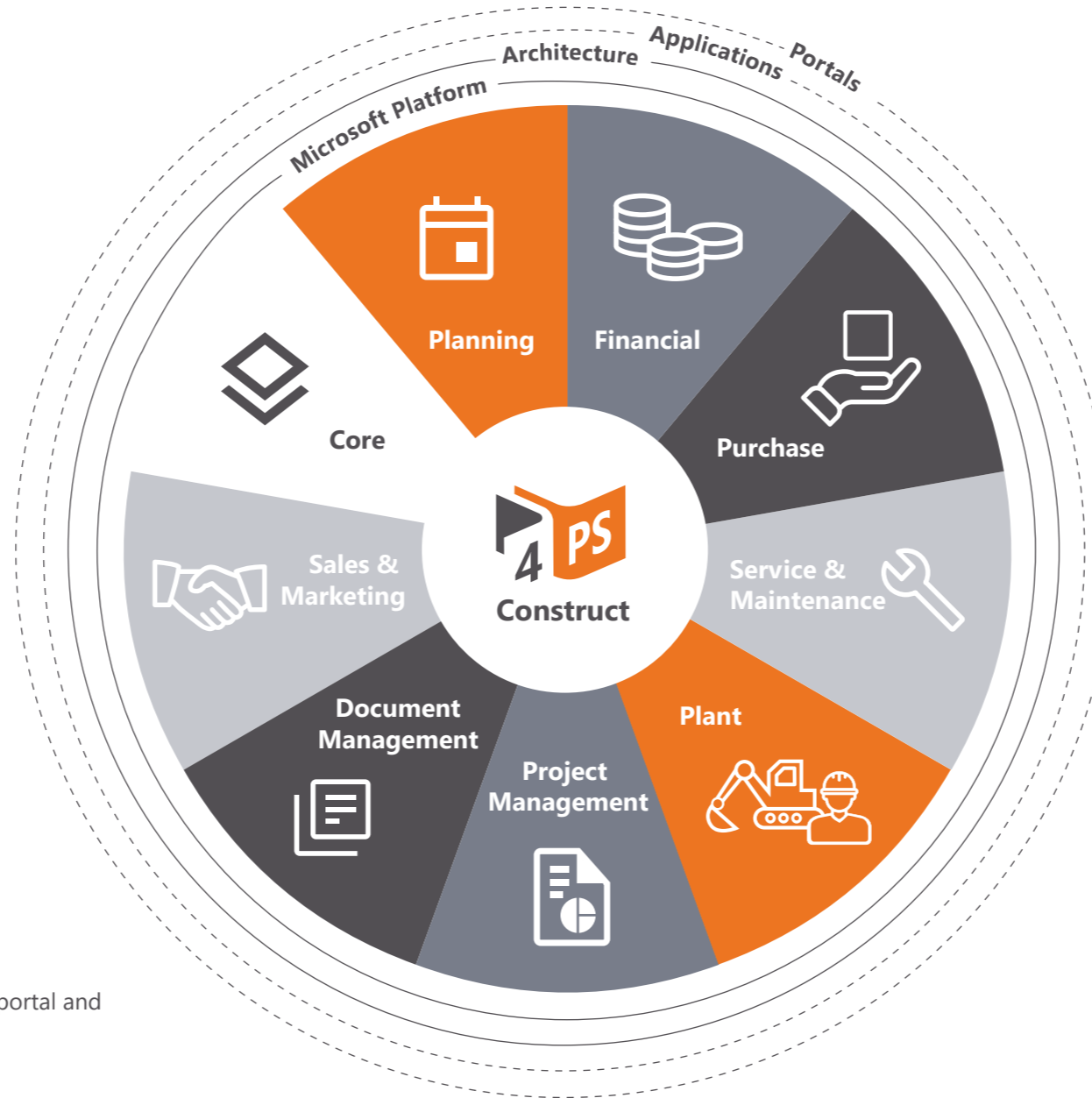
Document Management

- Document Management Advanced module
- Document categorisation & metadata tagging
- Document scanning & OCR



Project Management

- Land Appraisals
- Material Item Pricing
- Applications for Payment
- Project Inventory
- Site Deliveries
- Timesheets module, portal and mobile app.
- Timesheet Approvals
- Site Managers Form
- Tasks & Activities



Planning

- Capacity Planning
- Graphical Resource Planning (GRP) Connector



Financial

- Intercompany module
- Central Management of data across group companies
- Fixed assets integration for plant
- Payroll connectors
- Project Bank Accounts
- CIS and HMRC on-line interfaces
- Applications for Payments and Certifications, Retentions
- Import bank statements
- Bank reconciliations



Purchase

- Purchase requisitions and approvals
- Three-way invoice matching
- Automatic matching with scanning and OCR
- Vendor & Subcontractor Assessment
- Purchase statistics for Vendor Assessment
- Sub-contractor orders, applications and certification
- GRNs for site deliveries



Service & Maintenance

- Asset Management
- Service Estimates Module
- Warranty Management
- Reactive Maintenance
- Job and Work orders
- Integrated Field Service App on mobile devices
- Planned Preventative Maintenance
- Service Level Agreements
- Graphical Resource Planning
- Capacity planning in Plant and Employees



Plant

- Basic Plant Management for on-hire/off-hire and asset management
- Advanced Plant Management for basic plant with transportation, servicing and more
- Connector - 4PS Construct Plant and Internet Portal
- Plant hire, internal, external 3rd party
- Plant locations, inventory and logistics

4PS Construct Core

4PS Construct offers one solution for all your end-to-end business processes and offers total visibility of your projects. Anywhere, at any time, on any device. Fully integrated software built on the latest technology and based on Microsoft Dynamics 365.

Microsoft Dynamics 365 Platform

With the core 4PS Construct module you automatically benefit from the latest Microsoft Business Central technology.

Specialised in the construction industry

Through 4PS Construct you benefit from an integrated software solution tailored for construction, civil engineering, mechanical and electrical, service and maintenance, house builders and equipment rental companies. All processes and modules are fully integrated. This offers a simpler selection process, implementation, post go-live support and provides a better return on investment.

In addition to powerful Business Central functionality, the core 4PS product features a number of standard modules, including finance, project cost management, estimating, subcontractor, item and inventory management & reporting.

Finance

You have extensive user-friendly options within the finance functionality, including CIS, subcontractor and supplier management, applications for payments including retentions: enter, process and approve; import bank statements and bank reconciliation. Digitise your process and enter data only once and use in across all departments for your entire accounts function.

Project management

The financial result of a project should not be a surprise to a QS or project manager. Enter and analyse key project cost information with our commercial functionality. Benefit from a clear picture of project finances, with breakdown of phases, committed and invoiced costs vs budget, and generate cost-to-complete reports to provide the whole business with 'one version of the truth'.

Subcontractor Management

Manage subcontractor qualifications and insurance expiry dates and block if expired. Receive quotes from subcontractor orders to compare pricing and convert to purchase orders. Manage subcontractor CIS and choose from different billing types including self-billing and VAT invoices. Create subcontractor accruals to create and accurate cost picture before invoices are paid.

Estimating

Ensure you estimate accurately and efficiently to help create a winning bid for a project. We offer flexible and powerful estimating software. Your estimators can continue working with the software they are familiar with since 4PS can seamlessly integrate with many estimating tools. This means that you have a large number of possibilities to prepare your budget.

Purchasing

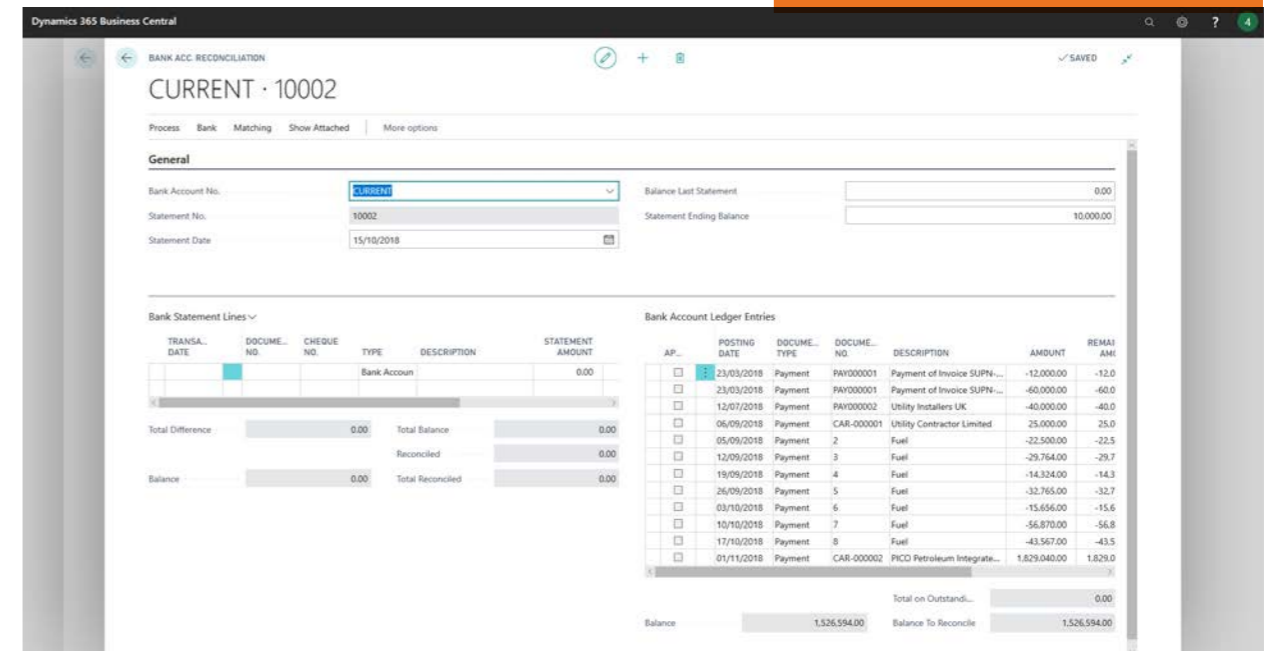
Improve and streamline all key purchasing processes and functions. Use budget lines to efficiently send out and receive quotes from suppliers and convert to purchase orders. Track and receipt material orders for up-to-date site deliveries across the whole business. Use subcontractor orders, applications and certification. Purchase requisitions and approvals. Use three-way invoice matching and automatic matching with scanning and OCR.

Reporting

Are you still basing decisions on numerous weekly reports on paper or spreadsheets? Share your data faster and more easily with our powerful reporting solutions. In just a few clicks you can generate your tailored reports in user-friendly dashboards.

Finance

Monitor fiscal performance, meet business and regulatory requirements, without requiring external systems.



Additional features of 4PS Construct

> Sales & marketing

Extensive support for the commercial department within the company that works based on projects. Record contacts easily, manage contacts and build up your sales pipeline by using leads and lead quotes.

> Document Management

You need to deal with a large number of documents during a project. Manage and categorise all of your documents inside 4PS including the option of OCR scanning. This will ensure that you have one place where all the latest versions of these documents can be saved, changed, consulted and viewed. This ensures an efficient and well-organised workplace.

> Home Buyer Guidance

Gain complete control over your entire house sale process. Easily arrange communication with home buyers from enquiry to sale and aftercare service all in one platform

> Planning

For a successful project, you need the right resources at the right time. Our fully graphic planning tool will provide support in ensuring a well-organised and efficient planning of your resources linked to service jobs, that is, personnel, subcontractors or plant.

Plan your equipment and people separately or combine them. By linking resources, you can, for example, plan a crane operator and a crane as one task.

> Inventory Management

Check warehouse or site inventories to generate an overview of material requirement across all projects. With our material inventory management solutions, you will ensure efficient stock management and accurate information.

w> Service & maintenance

Regardless of whether you operate in the property maintenance, void management, facilities management, technical services sector or highways, roads or rail maintenance. Our service and maintenance solution gives you a full overview of planned and preventive jobs or emergency repairs. The overall process is automated ranging from customer contact, management of an engineer on site via our integrated mobile Field Service App, long-term maintenance planning, inspection lists and reporting on service visits through to invoicing. The entire process is covered within this comprehensive, fully integrated module, which is also beneficial for your customers. It also ensure that calls are efficiently processed and reduces the chance of errors.

> Plant

You need to deal with different challenges in relation to your equipment within your organisation: where is it, what does it cost, what will be the generated revenue and are inspections up-to-date? The software for plant management is an integral part of 4PS Construct and has been developed specifically for the management and use of your equipment.

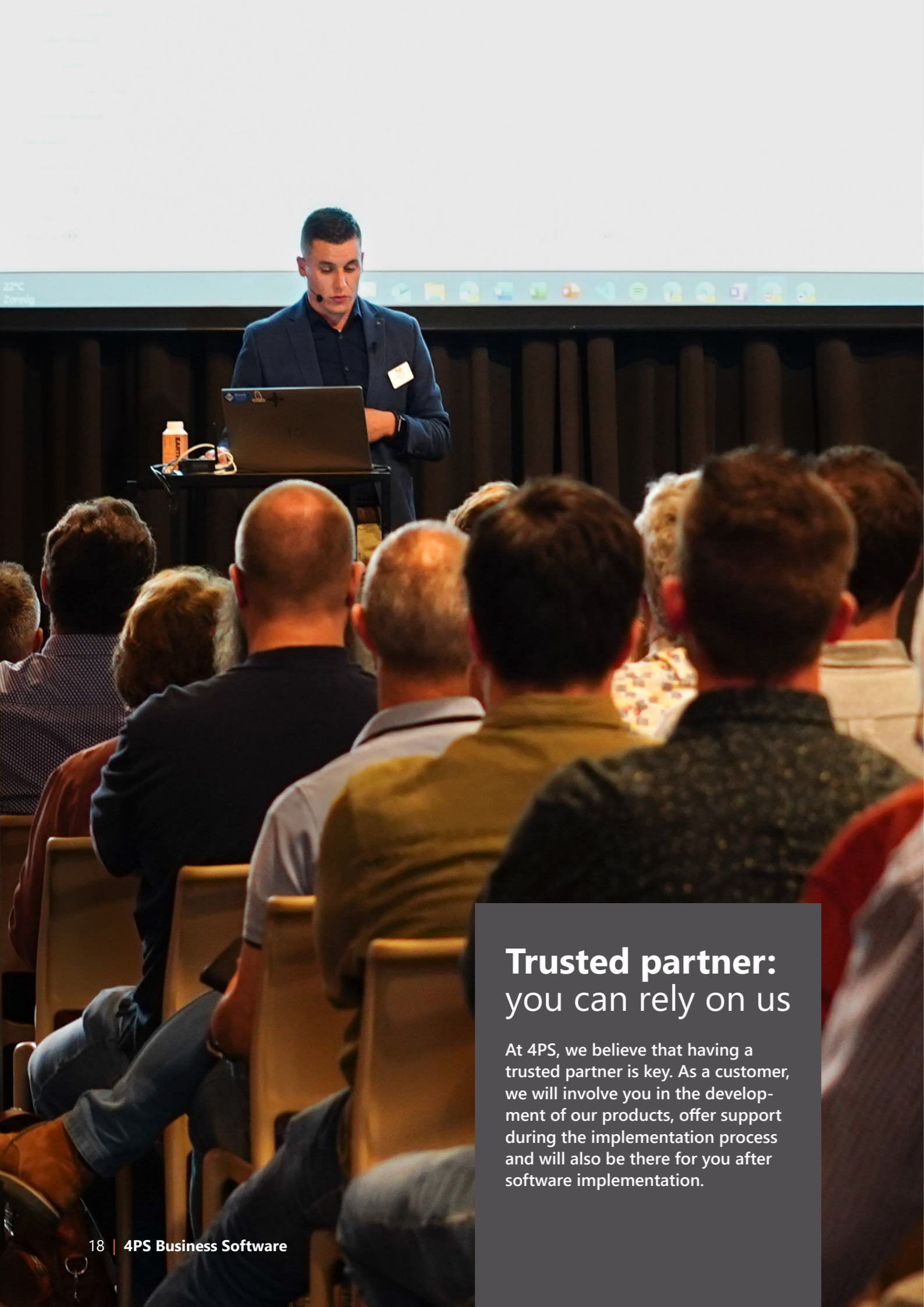
Plant Management provides on-hire/off-hire and asset management. Advanced Plant Management enhances basic plant with transportation, servicing and more. Internal, external and third party plant hire including plant locations. Create plant as fixed assets for integration with finance.

Project monitoring
Follow, check and analyse key project information

COST TYPE	BUDGET	OPEN (PURCHASE)	OPEN (SUBCONTRACT ORDER)	RECEIVED/NOT INVOICED	ACTUAL COSTS	TOTAL COST	CASH PAID AMOUNT	AWAITING PAYMENT	COST VARIANCE	CONTRACT AMOUNT INCL. VARIATIONS AND OPTIONS	REVENUES	CASH RECEIVED AMOUNT	AWAITING RECEIPT
Labour	281,396.00	0.00	0.00	20,000.00	4,000.00	24,000.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Material	1,257,689.88	96,323.97	0.00	0.00	146,920.91	243,244.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Subcontract...	1,904,108.00	0.00	442,083.60	0.00	875,084.40	1,317,168.00	0.00	872,646.90	0.00	0.00	0.00	0.00	0.00
Plant	218,769.00	0.00	0.00	0.00	2,193.75	2,193.75	2,193.75	0.00	0.00	0.00	0.00	0.00	0.00
Sundry	196,243.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,405,000.00	0.00	0.00	0.00

Original Contract Value	Original Budget	Original Budget	Original Budget	4PS - CVR SUMMARY
42.08M	32.40M	9.68M	23.0	
567.48K	1.49M	46.02K	100.00K	6.1K 2.21M
41.11M	31.40M	9.70M	23.6	
1.76M	1.20M	560K	24	
42.87M	10.26M	23.9		

Power BI
Get a 360° overview of your projects with key statistics in one visualisation report



Trusted partner: you can rely on us

At 4PS, we believe that having a trusted partner is key. As a customer, we will involve you in the development of our products, offer support during the implementation process and will also be there for you after software implementation.

We put our customers first in everything we do

> How we work in partnership with you

The implementation process

With 20 years of experience and having been responsible for hundreds of implementations, we can safely say that we are an expert in supporting transitions to a new way of working. The implementation of 4PS Construct takes place in accordance with our unique 'Contoso' method. This method is based on refined best practice and is split into key phases. Thanks to our standardised, simple software, this is a strong basis for a predictable, manageable and effective implementation.

You can compare the implementation of a new ERP system at a company with renovating a store while it continues to be open. In addition to the daily activities, considerable engagement is required from the involved employees during this period to build on a new, administrative organisation and optimise the system. An intensive process that will be fully supported by 4PS. Our experts are here to help.

4PS Construct
implementation:
Best practice based
on implementations
at 450+ customers

Keep your knowledge up-to-date

Communication channels

You can read about our latest news through different communication channels such as our monthly newsletter and LinkedIn. As a valued customer, we welcome you to attend our annual customer day, where we update you of our latest innovations, developments and share our product roadmap with you.

Service catalogue

4PS can support you with regards to your IT activities. For example, we can help you with technical consultancy or functional application management.

Your 4PS

We greatly value your input into our continual product innovation and encourage all customers to share their ideas with us to provide the functionality that will make your business more efficient.

> Our partnerships

Together with our customers, we deliver the most suitable solution. We strive to empower your business to grow bigger, stronger and more profitable. We believe this is a condition for building a sustainable relationship. Working together for the long term is what drives us.

Microsoft Partner

Our partnership with Microsoft is very important. Each of us brings our unique expertise to the relationship. Our ERP system is based on the reliable and future-proof platform Microsoft Dynamics 365 Business Central used by millions of people worldwide.

Together with Microsoft we've built world-class software specifically designed for the construction industry. Because of our integration with both the Dynamics 365 product set and Microsoft as an organisation, we can offer you the best possible support for your system, both during and post-implementation.

Software partners

For some functionality we join forces with best of breed providers to ensure we offer the most powerful overall solution. As our goal is to bring greater efficiency to all areas of your business, we develop and number of products with our partners. This will continue into the future to offer the best construction solution.

We work in partnership with lots of third-party solution providers. Therefore there are many options to create external links with 4PS Construct and your existing favoured products. If you want to know more, please get in touch. We will be happy to discuss the potential scenarios.



4PS International partners

4PS also benefits companies globally to get more control on their business processes and projects. As a Microsoft Independent Software Vendor (ISV), we already deliver our solutions for the construction industry in more than 20 countries.

We are currently working in partnership with seven international partners. Their regional expertise means they know exactly what the 4PS software must provide in order to meet the legal requirements and preferences of each country. They are all well respected Microsoft partners and their professional teams focus full on delivering the benefits of 4PS to construction businesses in their territory.



More information

Would you like more information about how our software solutions could improve your business? Or would you like to read more about how our customers have become more profitable from implementing 4PS?

Visit www.4ps.co.uk or contact us at hello@4ps.co.uk.

4PS UK
Birmingham, United
Kingdom

www.4ps.co.uk
hello@4ps.co.uk
+44 1675 432 400

