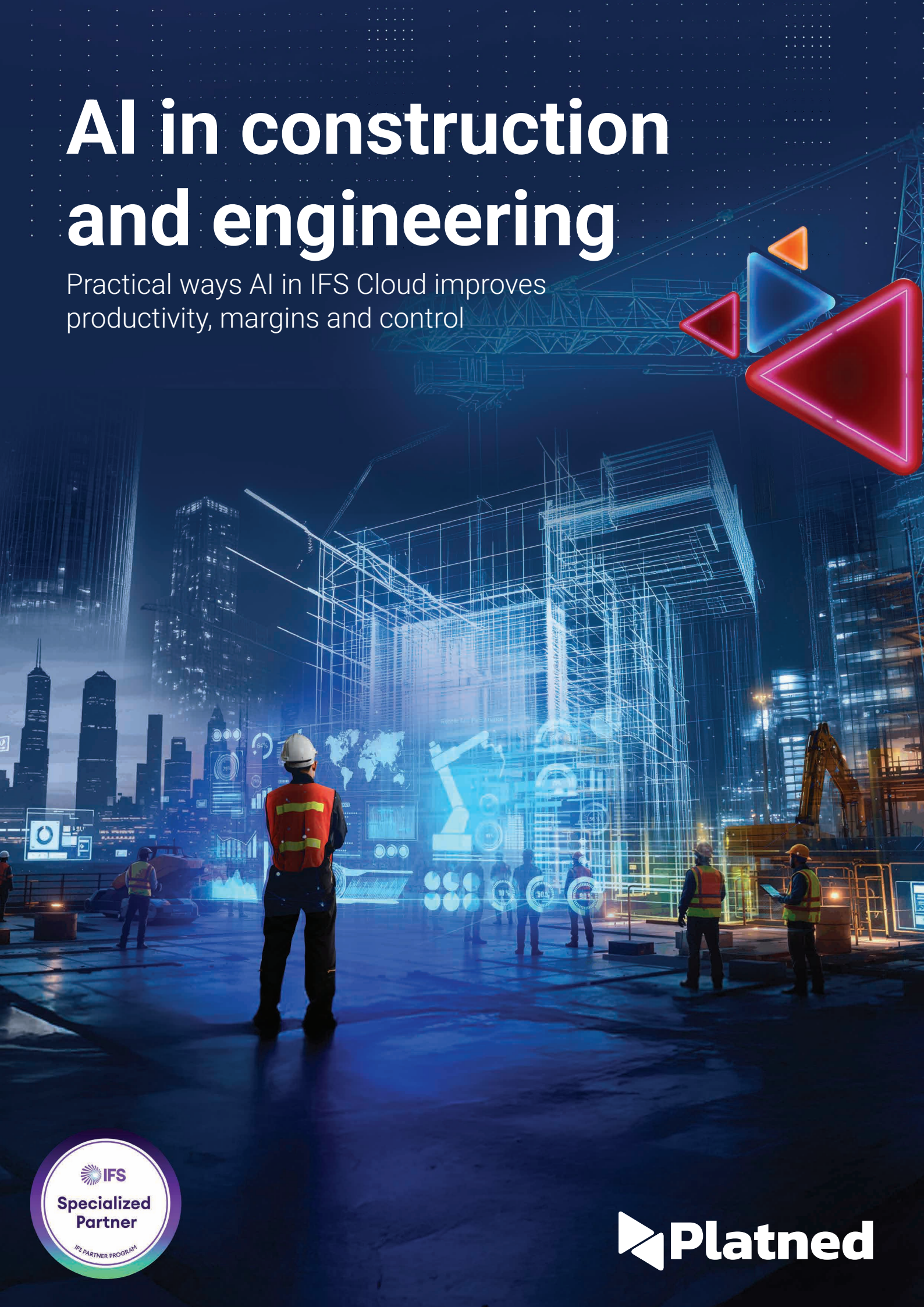
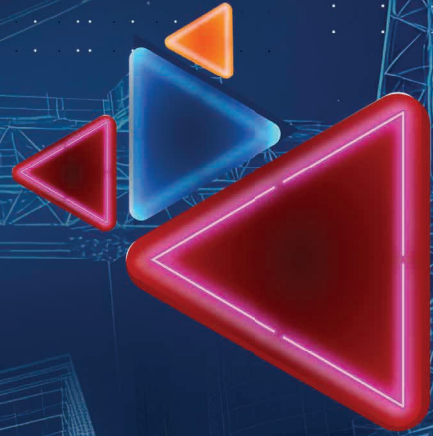


# AI in construction and engineering

Practical ways AI in IFS Cloud improves productivity, margins and control



# Why construction companies are using AI

## AI is not about replacing people

In construction and engineering, AI is most valuable when it helps teams make better decisions faster.

It works best when used on repetitive, data-heavy tasks such as:

- Forecasting project costs.
- Identifying risks early.
- Scheduling labour and equipment.
- Processing invoices and receipts.
- Predicting cash flow.
- Detecting unusual project performance.

IFS research shows that improving productivity and increasing project margins are the two biggest challenges facing the industry today. AI helps tackle both by giving teams better visibility and more accurate information.

## The business benefits



### Better project control

Know where each project is heading before problems become expensive.



### Improved margins

Spot cost issues earlier and take corrective action sooner.



### Faster decisions

Give managers clear recommendations based on live data.



### Reduced manual work

Automate repetitive tasks such as data entry and document processing.



### More accurate forecasting

Replace spreadsheet guesswork with data-driven predictions.



### Stronger cash flow

Improve visibility of incoming and outgoing payments.

## Common construction challenges AI can solve



### Challenge

Margins are too tight.

Forecasts rely on spreadsheets

Cash flow is unpredictable.

Skilled staff are hard to find.

Project risks appear too late.

Schedules are difficult to manage.



### How AI helps

Highlights cost overruns and forecast changes sooner

Produces more accurate predictions using live project data.

Estimates when invoices will be paid.

Automates repetitive work so teams can focus on higher-value tasks.

Detects anomalies and exceptions in real time.

Optimises labour, materials and subcontractors.

# Real examples of AI in IFS Cloud



## Project financial forecasting

AI analyses historical and current project data to predict final costs and margins.

### Benefits:

- More accurate cost-to-complete forecasts.
- Earlier warning of overruns.
- Better confidence in management reports.
- Improved profitability.



## Scheduling optimisation

AI evaluates thousands of possible schedules to find the best combination of labour, equipment, materials and subcontractors.

### Benefits:

- Higher utilisation of resources.
- Fewer delays.
- Lower travel and downtime.
- Improved on-time delivery.



## Cash flow prediction

AI estimates when customer invoices are likely to be paid.

### Benefits:

- More accurate cash forecasts.
- Better working capital management.
- Reduced financial risk.



## Risk and anomaly detection

AI identifies unusual trends, missing data and project exceptions.

### Benefits:

- Faster issue identification.
- Reduced financial surprises.
- Better data quality.
- Immediate corrective action.



## Document data extraction

AI and OCR extract information from invoices, receipts and delivery notes.

### Benefits:

- Less manual entry.
- Faster approvals.
- Fewer errors.
- Better auditability.



## Predictive maintenance

AI combines sensor data, inspections and history to predict equipment failures.

### Benefits:

- Less unplanned downtime.
- Lower maintenance costs.
- Longer asset life.
- Improved safety.

# What this means for your business

## Practical results construction companies can expect

- Improved project profitability.
- More reliable forecasts.
- Reduced reliance on spreadsheets.
- Faster reporting.
- Better resource utilisation.
- Fewer unexpected costs.
- Stronger cash flow control.
- Higher productivity.
- Better decision-making.
- Greater confidence in project data.

## A practical approach to AI

The most successful construction firms start with targeted use cases that solve real business problems, such as:

- Improving cost forecasting.
- Reducing project delays.
- Automating invoice processing.
- Strengthening cash flow visibility.
- Optimising schedules.

No hype. No experimentation for the sake of it. Just practical tools that help teams work smarter.

## Why data matters

AI is only as good as the information it uses.  
IFS Cloud provides a single source of truth across:



Finance



Projects



Procurement



Supply chain



HR



Assets



Service

With connected data, AI can deliver accurate insights and practical recommendations.

## How Platned can help

Platned helps construction and engineering businesses use IFS Cloud and embedded AI to improve visibility, control and profitability. Whether you are implementing IFS Cloud, upgrading from legacy systems or looking to get more value from your existing platform, Platned provides practical support to help you achieve measurable business outcomes.

### Ready to see what AI can do for your business?

[Visit Platned Construction ERP Software](#) to learn how IFS Cloud and Platned can help your organisation improve productivity, margins and control.

