IFS integrations: building connected, future-ready business systems

Platned

Connecting systems, data, and people

In today's connected world, no business system operates in isolation. For organisations using IFS Cloud™, integration is key to unlocking the full potential of their technology investment. Whether it's automating finance processes, connecting project tools, or linking field service operations, successful integration ensures that data flows freely, decisions are informed, and teams work as one.

Platned helps businesses connect IFS Cloud with the systems they rely on every day. From CRM and HR to analytics, supply chain, and payroll, our integration solutions remove manual steps, reduce duplication, and give you the visibility to make better decisions faster.

Why integration matters

When data sits in silos, it becomes harder to see the bigger picture. Manual reporting wastes time, disconnected systems cause delays, and poor visibility leads to costly mistakes. By integrating IFS Cloud with other enterprise systems, you create a single source of truth - ensuring that every team, from finance to operations, works with the same accurate, real-time data.

The result is a business that runs more efficiently, adapts more easily, and delivers better service to customers.

Common integrations that drive value

Platned has deep experience connecting IFS Cloud with the tools that matter most across industries.

- **Salesforce** – connects front-office and back-office data, ensuring sales and service teams share accurate, real-time information.
- **Marketo** – links marketing automation and CRM data to give a complete view of the customer journey and campaign performance.
- **SAP Ariba** – streamlines sourcing and procurement processes by linking supplier and finance data.
- **Workday** – brings together HR, payroll, and project data to improve workforce and financial planning.
- **Oracle Primavera** – integrates project planning with execution to improve control and visibility.
- **ADP** – automates payroll and HR processes, ensuring compliance and accuracy.
- **Microsoft Dynamics CRM** – connects customer engagement with operational execution.
- **Master data management (MDM)** – ensures consistency and accuracy across core business data.
- **Microsoft Azure** – extends IFS Cloud capabilities through analytics, automation, and secure identity management.

Modernising legacy integrations

For organisations upgrading from older versions of IFS (Applications 8, 9 or 10), integration redesign is often one of the most critical and complex steps. Legacy systems typically used BizAPI or FTP connections, which are no longer supported in IFS Cloud. The modern platform is built on REST-based architecture, exposing data through secure APIs and endpoints.

Platned specialises in modernising these legacy connections - rebuilding them for compliance, performance, and future readiness. We re-engineer outdated file transfers using REST, JSON, and SFTP/FTPS protocols, and deploy Azure middleware such as Logic Apps and Service Bus to orchestrate workflows, manage queuing, and provide full traceability.

This approach ensures that integrations not only work today but also remain compatible with future IFS Cloud upgrades, reducing cost and disruption over time.

Real-world experience: the SMD upgrade project

When subsea engineering company SMD upgraded from IFS Applications 7.5 to IFS Cloud 22R2, Platned led a full rebuild of their integration between Autodesk Vault and IFS.

Because the legacy integration had no documentation, our consultants conducted a detailed assessment of the existing setup and mapped its data flow. Working closely with SMD's teams, we designed a new, fully documented integration specification, ensuring both functional accuracy and compliance with IFS Cloud standards.

We implemented a secure file-drop mechanism for exchanging Bill of Materials (BoM) data between Autodesk Vault and IFS, tested the integration in controlled environments, and managed phased deployment across configuration, UAT, and production environments.
The result was a robust, secure, and future-ready integration that enabled seamless project delivery and safeguarded data integrity throughout the transition.

A structured approach to integration design

Every integration project delivered by Platned follows a structured, proven framework.

Discovery and analysis

We begin by reviewing existing interfaces - whether BizAPI, FTP, or direct database connections - to understand dependencies, data flow, and performance bottlenecks.

Design and re-engineering

Integrations are redesigned using modern standards, including REST endpoints, JSON payloads, and secure file transfers. This ensures scalability, resilience, and compliance.

Middleware deployment

Where appropriate, Azure Logic Apps and Service Bus are used to manage orchestration, retries, and transaction logging, improving reliability and visibility.

Testing and assurance

With automated testing powered by Platned Mahara, we validate integrations across build, configuration, and production environments to minimise errors and downtime.

Continuous monitoring

Once live, integrations are monitored through Platned Gateway to ensure performance, uptime, and compliance with SLAs.

Ensuring business continuity

Integrations are mission-critical, and downtime can have real operational impact. Platned ensures business continuity through:

- Phased migration that allows legacy and cloud interfaces to coexist during transition.
- Staging and file-drop mechanisms for asynchronous data exchange.
- Automated rollback and backup scheduling through Azure Recovery Services.
- Redundant architecture designed for resilience and error handling.

This approach ensures that integration upgrades happen smoothly, with zero data loss and minimal disruption to business operations.

Future-proofing your integration landscape

Technology evolves, and so should your integrations. Platned's frameworks are modular, API-driven, and fully aligned with IFS technical standards, meaning every connection you build today remains compatible with future IFS Cloud versions.

By adhering to IFS coding conventions and using Azure middleware, we deliver an integration landscape that's secure, scalable, and ready to grow with your business.

Typical use cases

Field service: connect mobile and scheduling apps for live updates.

Asset management: trigger maintenance tasks from IoT data.

Finance: automate invoicing, payments, and tax compliance.

Projects: synchronise costs, plans, and progress across systems.

Supply chain: integrate suppliers, carriers, and warehouses for end-to-end visibility.

Why work with Platned

Platned is an IFS Gold Services Partner with global experience delivering IFS Cloud solutions across service, construction, manufacturing, and energy sectors. We combine deep IFS knowledge with modern integration expertise to help customers achieve faster, safer, and more reliable digital transformation.

With proven accelerators, automated testing, and 24/7 monitoring through Platned Gateway, we ensure your integrations deliver measurable value from day one.

Get in touch

If you’re planning an IFS upgrade or need to modernise your integration landscape, Platned can help.
We’ll work with you to design, deliver, and support secure, future-ready integrations that save time and reduce manual effort.