

IFS Cloud 25R2: Elevating Manufacturing for a Smarter, Greener Future

Introduction

Manufacturing is at the heart of industrial innovation, and the pace of change has never been faster. As global supply chains become more complex and customer expectations rise, manufacturers need agile, intelligent solutions to stay ahead. IFS Cloud 25R2 marks a significant step forward, delivering new capabilities that empower manufacturers to optimize operations, ensure quality, and drive sustainability. Building on previous releases, 25R2 continues the journey toward smarter, faster, and greener manufacturing.

Modern Manufacturing: Trends and Focus Areas

Today's manufacturers face a landscape shaped by digital transformation, sustainability imperatives, and the need for resilience. Key trends include:

- **Digitalization & Automation:** Leveraging AI, IoT, and cloud platforms to automate processes and gain real-time insights.
- **Quality Assurance:** Integrating quality management into every step of production.
- **Sustainability:** Tracking and reducing environmental impact, from materials to emissions.
- **Agility & Scenario Planning:** Responding quickly to market changes with flexible planning tools.
- **Collaboration:** Connecting teams, suppliers, and customers for seamless operations.

IFS Cloud has consistently evolved to address these trends, with each release introducing new tools and enhancements for manufacturers.

IFS Cloud 25R2: Manufacturing Highlights

1. Quality Management – First Article Inspection (FAI)

IFS Cloud 25R2 introduces a fully integrated First Article Inspection (FAI) solution, strengthening data traceability, collaboration, and compliance. FAI is essential for verifying that manufacturing processes consistently produce parts meeting design requirements. The new FAI features allow manufacturers to:

- Identify FAI parts and ensure shop orders cannot be released without approved FAI.
- Plan, perform, evaluate, and approve FAI, with comprehensive reporting and traceability.
- Manage FAI lifecycle, including expiration and re-inspection after process changes or production lapses.

This supports both customer and supplier needs, mitigating risks during production startup and process changes, and ensuring compliance with standards like AS9102C.

[\[ManufacturingNews25R2 | PowerPoint\]](#)

2. Manufacturing Scheduling & Optimization (MSO) Enhancements

Efficient scheduling is critical for meeting delivery targets and optimizing resource use. 25R2 brings advanced MSO features:

- **Configurable Business Objectives:** MSO can now be tailored to prioritize different goals, such as reducing average tardiness or aligning with specific business needs.
- **Grace & Tardy Scheduling Periods:** More nuanced control over scheduling penalties and feasibility.
- **Subset Scheduling Performance:** Improved logic ensures only relevant shop orders are loaded, boosting performance.
- **Shop Order Selection Settings:** Greater flexibility in defining scheduling horizons and selection windows for future and past orders.
- **Exempt Shop Order Types:** Ability to exclude certain shop order types (e.g., repair, prototype) from scheduling, improving efficiency.

These enhancements give manufacturers precise control over production planning, supporting agility and responsiveness. [\[ManufacturingNews25R2 | PowerPoint\]](#)

3. Material Planning Simulation & MRP Simulation

Modern manufacturing demands robust scenario planning. The new Material Planning Simulation and MRP Simulation tools allow organizations to:

- Safely explore supply and demand scenarios without impacting live data.
- Run parallel simulations for “what-if” analysis.
- Adjust independent demands and add demand spikes for flexible testing.
- Integrate with broader planning cycles, from demand forecasting to capacity checks.

This empowers manufacturers to anticipate changes, manage risks, and make better decisions in volatile markets. [\[ManufacturingNews25R2 | PowerPoint\]](#)

4. Sustainability & Eco-Footprint Enhancements

Sustainability remains a core focus. 25R2 extends Eco-Footprint capabilities:

- **Substance Management:** Introduction of substance families and aggregated thresholds for groups of substances.
- **Regulation Management:** Improved classification and linking of regulations to parts and exemptions.
- **Compliance Management:** Register parts as compliant to regulations without full substance analysis; analyze compliance across product structures.
- **Supplier Safety Data Scanning:** Automated extraction of substance and emission data from Safety Data Sheets (SDS), supporting regulatory compliance and environmental reporting.

These features help manufacturers meet global standards, reduce environmental impact, and strengthen reporting. [\[ManufacturingNews25R2 | PowerPoint\]](#)

5. Manufacturing Tool Enhancements

Tool management is vital for quality and compliance. 25R2 introduces:

- **Flexible Calibration:** Calibration settings now defined per tool, with improved traceability and proactive management.
- **Tool Check-In/Check-Out:** Expanded tracking for shop order operations and indirect jobs, supporting MRO compliance.
- **Tool Guidelines:** Operators can access tool guidelines directly on the Shop Floor Workbench and in Operation Guides.
- **Tools on Routing Templates:** Streamlined process for adding tools to routing templates, improving efficiency.

These enhancements support auditability, reduce manual overhead, and ensure tools are used within valid calibration periods. [\[ManufacturingNews25R2 | PowerPoint\]](#)

Building on Previous Releases

IFS Cloud's evolution is marked by continuous improvement. Previous releases (e.g., 25R1) laid the groundwork for integrated tool management, shared person assignments, and configuration characteristic tracking. 25R2 builds on these foundations, refining and expanding capabilities to meet the latest industry demands.

Conclusion: Ready for the Future

IFS Cloud 25R2 is more than an incremental update—it's a leap forward for manufacturers seeking to thrive in a dynamic world. With advanced quality management, flexible scheduling, powerful simulation tools, and enhanced sustainability features, manufacturers can operate smarter, faster, and greener.

Are you ready to transform your manufacturing operations? Discover how IFS Cloud 25R2 can help you achieve your goals and stay ahead of the curve.

How Addovation Empowers Your IFS Cloud Transformation

Implementing new capabilities in IFS Cloud—especially those introduced in the 25R2 release—can unlock tremendous value for manufacturing organizations. However, realizing the full potential of these advanced features requires more than just technology; it demands deep expertise, proven methodologies, and a partner who understands both the software and the realities of modern manufacturing.

Addovation stands out as a trusted IFS partner, renowned for guiding customers through every step of their digital transformation journey. With years of hands-on experience and a team of highly skilled consultants, Addovation brings:

- **Expert Guidance:** Our consultants have extensive knowledge of IFS Cloud and its manufacturing modules, ensuring that solutions are tailored to your unique business needs.
- **End-to-End Implementation:** From initial assessment and process mapping to configuration, integration, and user training, Addovation manages the entire implementation lifecycle.
- **Best Practices & Innovation:** Leveraging insights from numerous successful projects, we help you adopt industry best practices and innovative approaches that drive efficiency and growth.
- **Change Management & Support:** We understand that technology adoption is as much about people as it is about systems. Addovation provides robust change management and ongoing support to maximize user adoption and ROI.

Impressive Competence and Experience

Addovation's team is recognized for its impressive competence, combining deep technical expertise with practical manufacturing know-how. Our consultants have worked with organizations across various industries, tackling complex challenges and delivering measurable results. This wealth of experience means you can trust

Addovation to not only implement new IFS Cloud capabilities, but also to help you optimize processes, improve quality, and achieve your strategic goals.

Partnering for Success

Whether you're looking to leverage the latest features in IFS Cloud 25R2—such as First Article Inspection, advanced scheduling, or sustainability enhancements—or seeking to future-proof your manufacturing operations, Addovation is ready to help. Our commitment to customer success, combined with our proven track record, makes us the ideal partner for your digital transformation.

Ready to take the next step? Contact Addovation to discover how our expertise can help you unlock the full potential of IFS Cloud for your manufacturing business.