



> Intelligently track fabricated components for transparency, traceability and reliable supply-chain control <



- > MODS Connect Fabrication is the digital solution for contractors supporting industrial projects, operations and maintenance, ensuring traceability and progress tracking through the digitalizing and centralizing of all fabrication information <

> MODS Connect Fabrication Business Case

> How is the fabrication process made intelligent with MODS Connect Fabrication?

MODS Connect Fabrication brings visibility to the fabrication process. Seamlessly integrating with materials management and work package software, such as MODS Connect Materials and MODS Connect WorkPack, MODS Connect Fabrication ensures transparency and traceability of fabricated components to enable sequential workflows to progress for constraint-free project execution.

> How does MODS Connect Fabrication manage the status of fabricated components?

MODS Connect Fabrication supports the use of QR codes to digitalize oversight of the fabrication process and component status. Built-in tools enable the system to automatically formulate QR codes, which can be utilized throughout both MODS Connect Fabrication and the entire MODS Connect system, including our digital warehouse: MODS Connect Materials.

> Does MODS Connect Fabrication work with handheld devices?

Yes, MODS Connect Fabrication comes with a handheld app, which is essential to enable fabrication yards to easily and efficiently sign-off on components. Digital sign-offs are visible in real-time to all other project stakeholders, increasing accountability and enhancing communication for project success.

> How does MODS Connect Fabrication save money?

MODS Connect Fabrication can significantly reduce costs in industrial construction projects by improving the accuracy and efficiency of component tracking and management. This software minimizes the risk of lost or misplaced components, thereby reducing the need for reordering and expediting, which contributes to increased ROI. Additionally, enhanced traceability and access to up-to-date information streamline inventory management and ensure timely availability of components, leading to further cost savings and reducing project delays.



> MODS Connect Fabrication Business Case



> MODS Connect Fabrication Features

- Intuitive Activity grid interface
- Excel import/export
- Auto QR generation and printing
- Digital forms eliminate paper-based Quality Assurance workstream
- Automatic compilation of fabrication dossiers
- User roles permissions
- Dashboard and static reporting
- Amenable to query for traceability, scheduling and remote oversight
- Customizable Progress Tracking
- Document storage and revision control
- Advanced planning tools and resources (e.g. Gantt charts)
- Full business integration via web and mobile apps
- Link to visualization platform

> MODS Connect Fabrication Benefits

- Transparent, accurate reporting
- Reduced administration
- Fewer business disruptions
- Enforced regulatory compliance
- Increased productivity levels
- Dependable quality of work
- Improved project ROI
- Reinforced on-time schedules



> MODS Connect Fabrication Business Case



> Digital fabrication improves



> Efficiency



> Cost



> Scheduling



> Productivity



> Traceability



> Communication

> Improved Traceability

Studies indicate that up to 10 percent of components are lost in traditional settings, leading to significant delays and reordering costs (source: McKinsey & Company). MODS Connect ensures every component is tracked from fabrication to installation, facilitating constraint-free project execution.

Enhanced traceability ensures all fabricated components are both compliant and quality assured, potentially reducing defects by up to 30 percent (source: Deloitte Insights).

> Enhanced Visibility

Up-to-date visibility as to the status and location of fabricated components allows for proactive supply-chain management, reducing idle time and reactionary pivots. This can lead to a reduction in project duration by 10-15 percent (source: PwC).

Visibility ensures that downstream work packages can be planned and executed without constraints resulting from fabrication status, reducing project delays by up to 20 percent (source: Accenture).

> Improved Project Efficiency

MODS Connect Fabrication integrates with project management tools, including MODS Connect, to streamline communication and coordination among teams, improving overall project efficiency by 10-12 percent (source: PwC).

MODS Connect Fabrication enables the proactive identification of issues so that potential problems can be resolved in advance, minimizing delays, leading to improved project timelines and reduction of associated costs by up to 15 percent (source: Accenture).

> Cost Savings

Ensuring timely delivery of components and the ability to anticipate bottlenecks in advance allow companies to reduce reordering and expediting costs, potentially saving 5-10 percent of project budgets (source: McKinsey & Company).

Optimizing materials management starts with understanding fabrication status. Accurate tracking and forecasting reduce the need for excess inventory, resulting in cost savings of 5-8 percent (source: Deloitte Insights).

“We have a long-standing relationship with MODS and provide them with working insights to develop digital solutions that will benefit businesses like ours. We are pleased to see the official launch of MODS Connect Fabrication, a solution we are already familiar with. We were happy to assist in the beta testing of a fit-for-purpose solution for fabrication yards, helping us enter the next era of digital transformation to make fabrication yards even safer and more productive.”

Mark Pregeant, CEO, GIS

“The MODS team has also been invaluable at evolving their system regularly to adapt to the ever-changing needs of their customers, adding new and efficient elements to help solve bottlenecks and make the experience better.”

Dwain Guidroz, Senior Project Manager, GIS

> Learn more about digital fabrication in some of our recent articles:

> [Digitalization and The Fabrication Market Outlook \(mods.solutions\)](#)

> [How Digital Technology Can Breathe New Life Into Industrial Fabrication | Energy Industry Blog \(mods.solutions\)](#)