



Transparent Production Processes: Thanks to Integration with xFIT!

What is xFIT?

Our solution offers you optimized integration of the modules of our MES system, the Adicom Software Suite, into your SAP system. We thereby facilitate synchronization of all your production and management processes.

Adicom and xFIT (based on SAP xMII) present a seamless connection between management and production, in which your production status is visualized by indicators such as OEE. In this way, you always have an overview of everything that is happening—and when and where it is taking place.

The Challenge

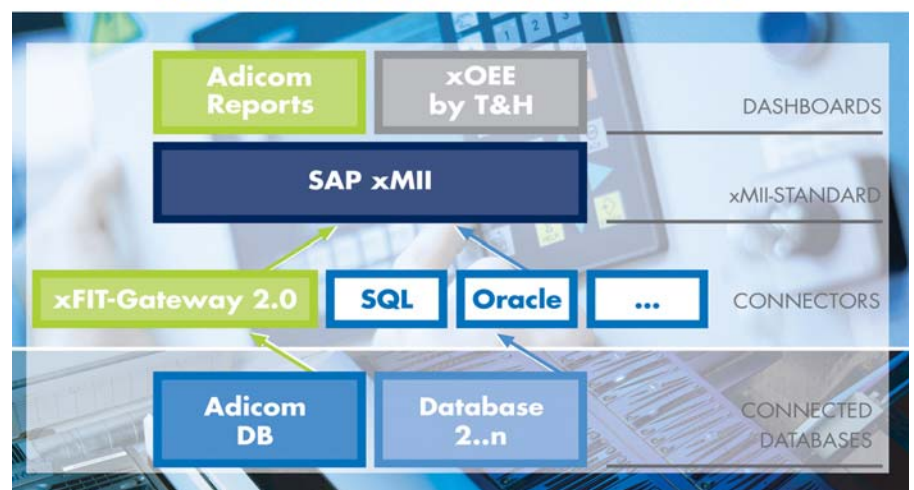
Adaptive manufacturing is playing an increasingly important role for production companies. The flexibility to adapt production to market conditions, thus being able to react rapidly at any time, is a basic prerequisite in staying competitive.

Adaptive manufacturing should be capable of a high level of integration, and be able to provide intelligent services on this basis. In this way, information and data from existing production and business systems can be consolidated on a single platform, and combined into significant Key Performance Indicators (KPIs). This makes for better analysis of and control over processes.

With xFIT, companies can integrate various data sources (such as ERP, SCM, QS, or MES systems), and analyze the data in real time across all systems. Visualization is then web-based. Users can access the data regardless of their location, for example via a portal view. xFIT is a cockpit that provides a web-based overview of the entire production process in real time.

The xFIT package is comprised of xFIT Gateway, xOEE from our partner company Trebing & Himstedt (for OEE evaluations), and additional evaluations from the Adicom Software Suite. When xFIT and Adicom are used with the machine and business data collection modules, company headquarters, for example, is able to see an overview of production at all international sites.

DELINEATION AND STRUCTURE OF xFIT



Moreover, suppliers and clients can also access the system, if required. This means that alerts or information from warehouse management can be sent to suppliers in real time. Clients, on the other hand, can monitor data such as the status of their order or call up other information after logging in.

General Examples of Use

- Expansion of functionality in MES scenarios
- Visualization of calculated indicators
- Manual data collection or data collection via connected machine control system
- Support of traceability topics
- Maintenance support through early warning indicators (service portal)
- Integration of heterogeneous data

The Benefits of xFIT

- Operative basis supported by standardized and recognized indicators
- Quick reactions possible through visualization and alarm generation
- Cumulating, location and factory-wide online overview
- Aggregated indicators with drill-in functionality for details
- Consolidation of heterogeneous system landscapes
- Focus on integration and data exchange in heterogeneous system landscapes
- Online visualization for greater transparency and faster reaction times
- OEE indicators
- Best practises
- Standard package
- Direct machine connectivity

Summary

Adaptive manufacturing demands that all systems, processes, and persons involved in production be integrated on a single platform. Only the seamless interlocking of Adicom with SAP business solutions makes it possible to map supply chain and production processes comprehensively and in real time, thus making information available wherever it is needed and without delay.

Our Partner: Trebing & Himstedt



With Trebing & Himstedt Prozessautomation GmbH & Co. KG, Freudenberg IT has achieved a strategic cooperative partnership with one of the leading providers of software solutions in the area of manufacturing integration. The primary aim of the partnership is to combine Trebing & Himstedt's xOEE solution, based on the composite application SAP xApp Manufacturing Integration and Intelligence (SAP xMII), with the MES solution of the Adicom Software Suite.

Additional information about Trebing & Himstedt can be found at www.th.de.



Freudenberg IT

Höhnerweg 2-4
69469 Weinheim, Germany
info@freudenberg-it.com

Fon: +49 (0)62 01 80 80 00
Fax: +49 (0)62 01 88 80 00
www.freudenberg-it.com

