GRAITEC
ADVANCE WORKSHOP

Advance Workshop Steel Introduction

Solutions for ON-DEMAND MANUFACTURING business A MES++ or ERP–
Payroll – general ledger Solution
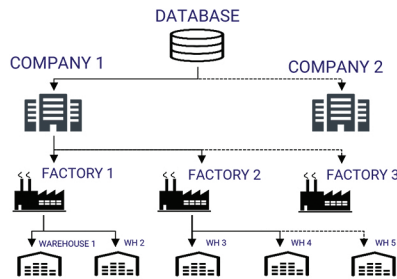
+1000 factories AW   **+50 countries**   **Presales Experts**

WHAT'S ADVANCE WORKSHOP

Multi-Architecture

DATABASE

COMPANY 1   COMPANY 2

FACTORY 1   FACTORY 2   FACTORY 3

WAREHOUSE 1   WH 2   WH 3   WH 4   WH 5

Functional Coverage

Supply Chain Management

Sales
Purchase
Jobsites
Credit control
Business margins
Invoicing

Techincal Office Management

Estimations
BIM integration
Drawings
CAD scanning
BOM orders

Production and realtime Monitoring

Raw material traceability
Nesting
Machine Downloading
Manufacturing strategy
Order status
Run optimization

Stock & Logistics

2 Stock levels
MRP1/2
Routes optimization
Stock locations
Truck loading control

Technology

AUTODESK.   **.NET**   **Windows Server** Hyper-V   **Microsoft® SQL Server®**   **DELL**

Integration

sage   **ORACLE® JD EDWARDS**   **Microsoft Dynamics™**   **a3con**   **SAP**

ERP Fonctionalities

Supply Chain Management

Sales management:
- Customers.
- Sales teams, budgets and pricing.
- Quotations and estimates
- Delivery notes creation and Invoicing.

Purchases management:
- Budgets and orders.
- Entry notes creation.
- Received invoices checker.

Business costing management.

ERPstandard connectors to integrate your business.

Techincal Office Management

Stock management, theoretical mix consumption and customer raw material reservations.

Heat traceability assignment.

Reports and tags printing.

Control variables creation.

Control models creation.

Quality tests will appear on MACHINE TOUCHBOX screen.

ERP Parametrization

Multi-company, multi-branches, multi-warehouse architecture.

User's rights group (admin., sales, purchases, technical, production, etc.).

Password on key processes.

Global parameters:
- Kernel management 30 parameters.
- Supply chain management 60 parameters.
- Logistics management 20 parameters.
- Stock & Quality management 30 parameters.

Logistics

Truck route optimization with Google Maps®.

Truck occupancy planning.

Transport rates and costs.

Automatic calculation of production and delivery date.

Truck loading control of all the products and trading.

Steel Fonctionalities

TECHNICAL OFFICE MANAGEMENT

Complete compatibility with Advance Steel and IFC's

Import of assembled parts and elements with SMLX and NC WISCON files

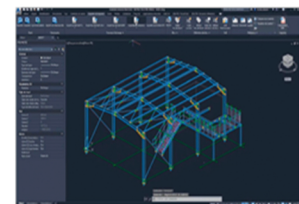Creation and schelduling of your production orders

BOM viewer

Importation resume

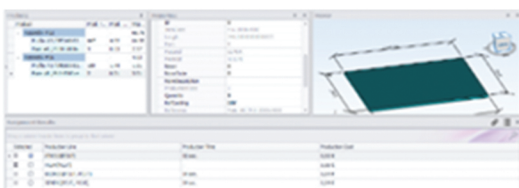Import interface for your models with selection criteria

Integrated 3D part visualization tool

PRODUCTION MANAGEMENT

Nesting module
- Management and reuse of scraps
- Management of production cycles from several sequences to minimise scraps production and increase productivity

Automatic allocation of machines according to economic and technical criteria
- Automatic downloading of machines
- Management of machine maintenace

On-line production monitoring
- On-line monitoring of the progress of customer sequences and production phases
- Real-time production monitoring of machines and operators

Automatic assignement of raw materials for traceability
- TOUCHBOX hardware kit for interfacing with machines
- Creation of labels and production editions