HEXAGON

Brochure

# WORKPLAN

Project-management software for manufacturing



# WORKPLAN

For manufacturers who produce engineer-to-order and customised products, WORKPLAN provides all the tools needed to streamline business processes and gain real time control of the shop floor.



**WORKPLAN is software for project management and production, designed to automate business processes and support administration for the mould and die, sheet metal, machining and prototyping, and woodworking industries.**

Our software continuously manages your business, from creating quotations to raising the final customer invoice, and all steps in-between.

Customer-specific or project-related companies often find it difficult to find a production management system that adapts to their individual needs and focuses on the job or project. The flexibility and adaptability of WORKPLAN is its strength.

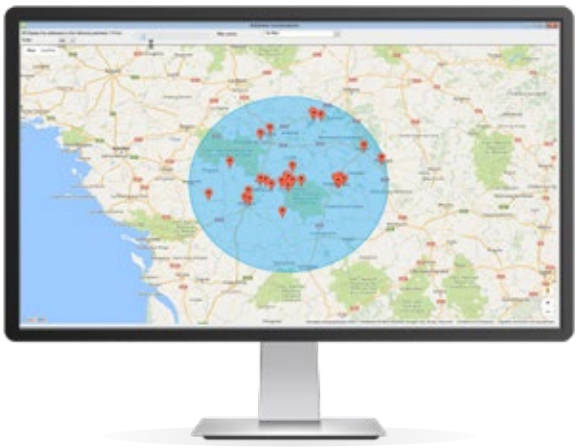
The user interface can be individually adapted to your needs and can therefore be used intuitively.

**There's no production downtime caused by cutting tools not being available, which is due to be the management module and real-time data capture."**

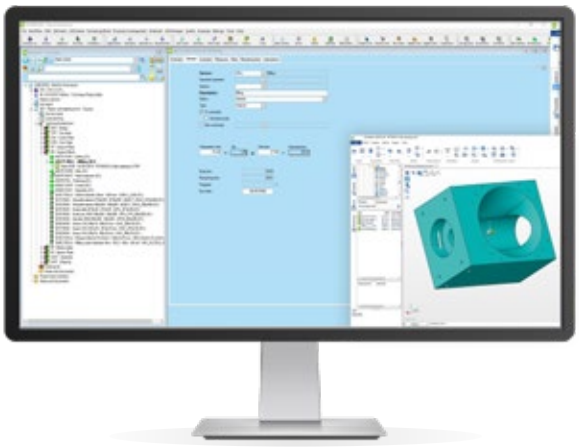
**Daniel Lelaure,**
Technical Director Metra

# WORKPLAN provides the tools that put you in control





Manage sales team activity



Enrich sales orders with technical details

## CRM

- Manage sales team activity
- Manage, track and follow up on sales opportunities
- Synchronise activities with Outlook
- Accurately forecast sales:
  - Timeline: activity summary
  - Control actions over time
  - Screens, alarms and notes customised per user

## Quotations

- Quickly prepare your technical quotes (production tasks & materials)
- Excel Interface and WORXPLORE 3D view manage quotation versions
- Capitalise on existing data thanks to technical criteria
- Send quotations directly from WORKPLAN via e-mail
- Automatically convert quotes into sales orders:
  - Rapid, reliable and precise quotations
  - Automation and centralisation of technical data
  - Optimise profit margins

## Manage sales team activity

- Progress from the sales order through to the customer invoice in just a few mouse clicks
- Easily store and recover all project associated documents
- Increase profitability on jobs
- Utilise built-in tools to aid decision making:
  - Sales administration
  - Real-time project summary
  - Easy access to documents

## Purchasing-Stocks

- Automate and import bills of materials (native Hexagon product interface and other CAD systems)
- Management of purchasing and sub-contracting processes
- Real-time stock reporting
- Multi-location stock management and inventory control:
  - Simplified purchasing procedures
  - Production cost control
  - Stock optimisation
  - Calculation of material requirements

## Production Management

- Employee management: skills, time and attendance (clock-in & clock-out) and payroll interface, work schedules and leave requests
- Machine resource management: grouping of services and capacity
- Parts quantity management, job time tracking by manual data input using a bar code reader or touch screen
- Manage machine and equipment maintenance, schedule maintenance operations and measuring equipment calibration programs
- Obtain up-to-the-minute information about absences, machine capacities, sub-contracted component statuses and WIP:
- Workshop operation times
  - Supervision of production process
  - Factory view with real-time snapshot of your workshop
  - Tools to share information: instructions, documents and comments
  - Check material availability




Workshop view management

Job Time Tracking online

## Planning

- Simulate completion deadlines according to workload
- Gantt Chart and Pert Diagram
- Prioritise projects according to constraints and milestones
- View by projects or by resources
- Validate customer delivery deadlines with overlaps
- Standardise printing for workshop schedule:
    - Rapid workload analysis and visualisation
    - Optimise your resources
    - Export to Excel
    - Planning view for workshop

## Workflow

- Controlling document creation and validation by defining several steps
- Pre-defined workflow or free workflow
- Personal inbox information to follow steps based on functional organisation chart

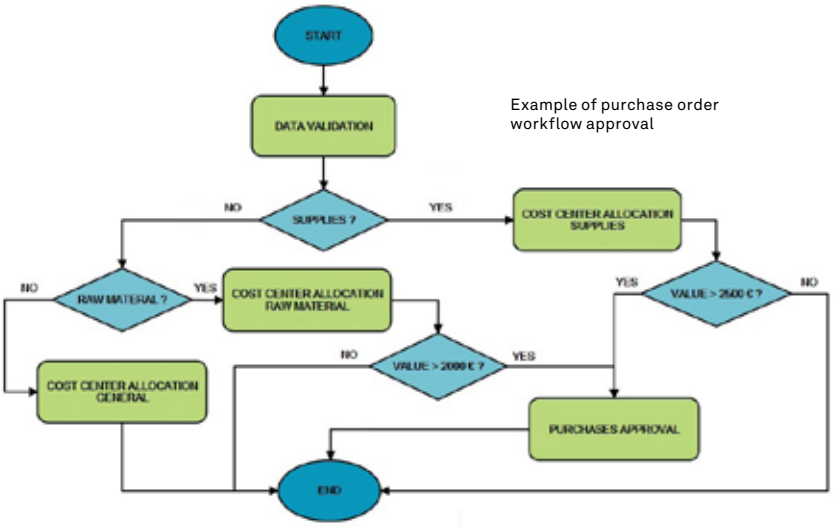
## Quality drives profitability

The essential tools needed to drive your business and optimise your productivity:

- Job-line report
- Non-conformity management
- Supplier evaluation
- Measuring equipment calibration programs
- KPI and quality indicator
- Homepage



Gantt chart view




Example of purchase order workflow approval

Workflow Module

# WORKPLAN MES, the key to your success

## WORKPLAN is an unparalleled solution for mould & die manufacturers

With WORKPLAN, you can import bills of materials (BOM), including assemblies, components, materials, dimensions, comments and 3D views. The solution also enables users to automate the creation of technical breakdowns with standard manufacturing processes.

### CAM interface with WORKNC and EDGECAM

WORKPLAN synchronises with CAM programs to download forecasted time and update production processes. It also provides a direct link to tools used and technical project documentation with full traceability.

### MES additional functionality

- CMMS
- Part traceability
- Part location in work-shop
- Packaging management
- Live machine monitoring links
- Process documentation
- EDI / API
- OEE (Overall Equipment Effectiveness) calculations



# WORKPLAN for the wood sector



CABINET VISION integration



CABINET VISION nest import



Stock and nest management

## Direct import and export capabilities with CABINET VISION

- Quickly prepare quotations utilising the CABINET VISION parts database and bid centre
- Access all room, cabinet, and parts information for building your B.O.M.
- Easily create purchase orders for required parts or withdraw from stock inventory
- Sync directly to CABINET VISION's material manager for updating material costs and vendor details
- Import labour forecasted time according to rate tables

## Direct import and export capabilities with S2M CENTRE

- Retrieve all sheets to be cut
- Track time per sheet
- Track material costs and allocate for inventory

## Shop Interface

- Production management, tracking of productive and unproductive tasks
- Real-time allocation for jobs and part quantities
- Program validation to dispatch time and material for the project

## Sheet component management

- Sheet-stock management
- Program sheet management for ALPHACAM

# Sheet metal sector

## Radquote integration

WORKPLAN utilises a powerful dedicated Sheet metal pricing tool that includes material costs and forecasted production times:

- Sync part files to illustrate all documents of production with image

## RADAN integration

Directly link between RADAN and WORKPLAN to generate fluid data exchange for improved productivity:

- Sheet metal requirement estimation
- Import parts to be produced in RADAN
- Stock inventory import by material type, format and thickness
- Sync program directly in WORKPLAN to manage production

## Shop interface

- Production management, taking of productive and unproductive tasks
- Real-time allocation for jobs and part quantities
- Program validation to dispatch time and material on projects



Radquote integration



Synchronisation of production parts in RADAN project


2 In progress
LASER-7
FR-123
LASER-9
LASER-5
LASER-15
LASER-16
LASER-168
LASER-38
FR-165

HEXAGON

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit hexagonmi.com.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us @HexagonAB.

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