JAVERLIN
Advanced production control software
Industry specific solutions for manufacturers

**JAVELIN production control software**

Delivers meaningful real-time insight to your production managers enabling them to maintain profitable and efficient production plans which in turn result in improvements to On Time and In Full levels to your business.

**Factory view**

Provides a real time snapshot of your shop floor, what’s running, idle, late or nearly complete. Production planners and managers alike are kept informed about your machine shop activity and can quickly react and compensate for deviations.

**Production planning board**

The Planning Board is a graphical view of the production plan suggested by our Advanced Multi Parameter Scheduler. Planners can override with easy drag and drop functions. The Advanced Scheduling module considers:

- Your own factory capacity model
- Shift patterns
- Available machines & labour
- Labour skills
- Tooling and gauge restraints
- Efficiency levels

**Aerospace AS9100**

*With several hundred imminent jobs due for delivery in the next two months, JAVELIN is vital for keeping track of where everything is.*

Gary Jordon,
Planner, Phoenix CNC Engineering Ltd
About JAVELIN

JAVELIN is authored, developed, implemented and supported directly by Hexagon.

Customers receive all the benefits associated with a dedicated UK based team of manufacturing professionals and the financial stability of a global organisation with revenues exceeding €2.4 billion.

JAVELIN is a “quote to despatch” solution with links to many leading industry accounting packages enabling our customers to maximise their existing investment in financial software. Delivering surprisingly rich functionality for a solution developed for the SME market sector, JAVELIN is supplied as a single integrated solution with optional industry specific modules.

Centrally located near Leicester, JAVELIN supports customers throughout the UK via a team of highly experienced application and technical consultants, most of whom are former production or operations managers themselves.

JAVELIN has been implemented in many hundreds of UK manufacturers with significant presence in the following sectors:

- Aerospace & Nuclear
- Oil & Gas
- Precision Engineering
- Motorsport
- Sheet Metal & Fabrication
- Plastics & Composites
- Electronics

**Nuclear**

*Because JAVELIN fully integrates everything we do, we can provide complete traceability, which is a massive selling point for us in the nuclear industry. “*

Clive Odell,
Director,
Turnell & Odell Ltd

**Electronics**

*JAVELIN is used by every department and almost all of our 150 employees in Ireland. It’s an absolutely key part of running the business successfully.”*

Jackie Beresford,
Engineering Manager,
Elite Electronic Systems Ltd
In conjunction with considerable capital investment in plant and equipment, JAVELIN has made a substantial difference to our bottom line, adding several percentage points to our profit margin.”

Nick Iacobucci
Managing Director,
DKW Engineering Ltd
Advanced production control software

Focus on: MRP and production scheduling

With MRP balancing supply and demand, and creating assembly linking, JAVELIN considers real world shop floor issues when generating the suggested production schedule. Factors which you build into your capacity model are taken into account for real and “what if” scenarios.

- Shift patterns
- Machine & labour capacity & efficiencies
- Manning requirements & labour skill sets
- Tooling availability
- Scrap
- Nested parts

Our Advanced scheduling delivers “to the minute” suggested plans for approval or amendment via the easy drag and drop facility on our Graphical Planning Board.

Focus on: stock

With complete traceability from start to finish and multi store location management, JAVELIN understands real-world issues and delivers control for:

- Certified materials & components
- Sized based materials
- Buying and stocking conversions
- Quarantine & controlled stores
- Cutting lists & nested products
- Defined Store Locations and Mobile Control

Focus on: quality

JAVELIN supports many ISO based accreditation models such as F4Nuclear, AS9100 and TS16949. You can design your own quality regime selecting from an array of options.

- FAIRS & PPAP
- ISO Engineering Change Control
- Batch & serial traceability
- Supplier approvals and approval types
- Non Conformance Reporting
- Tool tracking

### Capability snapshot

<table>
<thead>
<tr>
<th>Sales</th>
<th>Operations</th>
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<tbody>
<tr>
<td>Customer relationship management</td>
<td>MRP (Material requirements planning)</td>
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<tr>
<td>Estimating &amp; quotations</td>
<td>Multi parameter production scheduling</td>
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<tr>
<td>Formula based estimating</td>
<td>User defined capacity modelling</td>
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<tr>
<td>Sales order management</td>
<td>Graphical planning board</td>
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<tr>
<td>Sales forecasting</td>
<td>Closed loop shop floor data capture</td>
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<tr>
<td>EDI (Electronic Data Interchange)</td>
<td>Time &amp; attendance</td>
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<tr>
<td>Configured products</td>
<td>Stock &amp; materials management</td>
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<td></td>
<td>Engineering change management</td>
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<td></td>
<td>BOMs &amp; production routings</td>
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<td></td>
<td>Kitting &amp; cutting lists</td>
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<td></td>
<td>Purchasing control</td>
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<td></td>
<td>RADAN nesting integration</td>
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<td></td>
<td>Bar coded shop floor documentation</td>
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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.