Access
MRP Software

access
freedom to do more



Material requirements planning software for growing manufacturers

Designed to support small to medium manufacturers



Designed for mid-tier manufacturers, including those with ambitious growth plans, **Access MRP** provides everything you need to run your operations more effectively.

Quick to deploy and easy to integrate with your existing accounting software or upgrade to Access Financials, Access MRP ticks all the boxes and keeps disruption to a minimum.

And with Access Workspace, you have KPI dashboards and real-time data at your fingertips.

Everything you need out of the box

Unrivalled traceability

Inventory management: no more shortages or excess stock

Real-time management insight

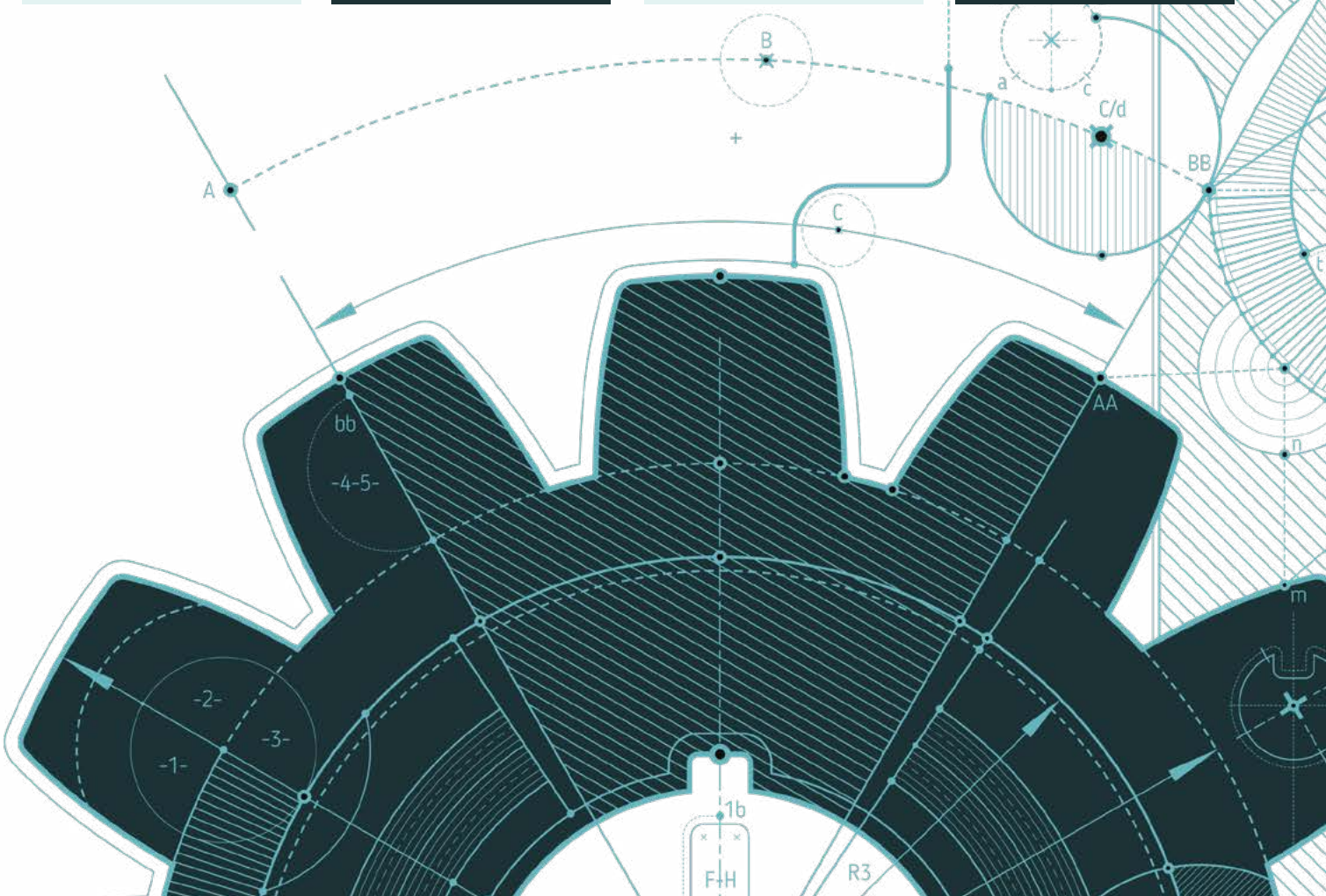
Confidence to ditch paper and speed up your business

Oversight to beat your growth targets

Increased visibility and accuracy

Seamless integration with financials

Access Workspace and KPI dashboards: insight into all aspects of your business



Traceability



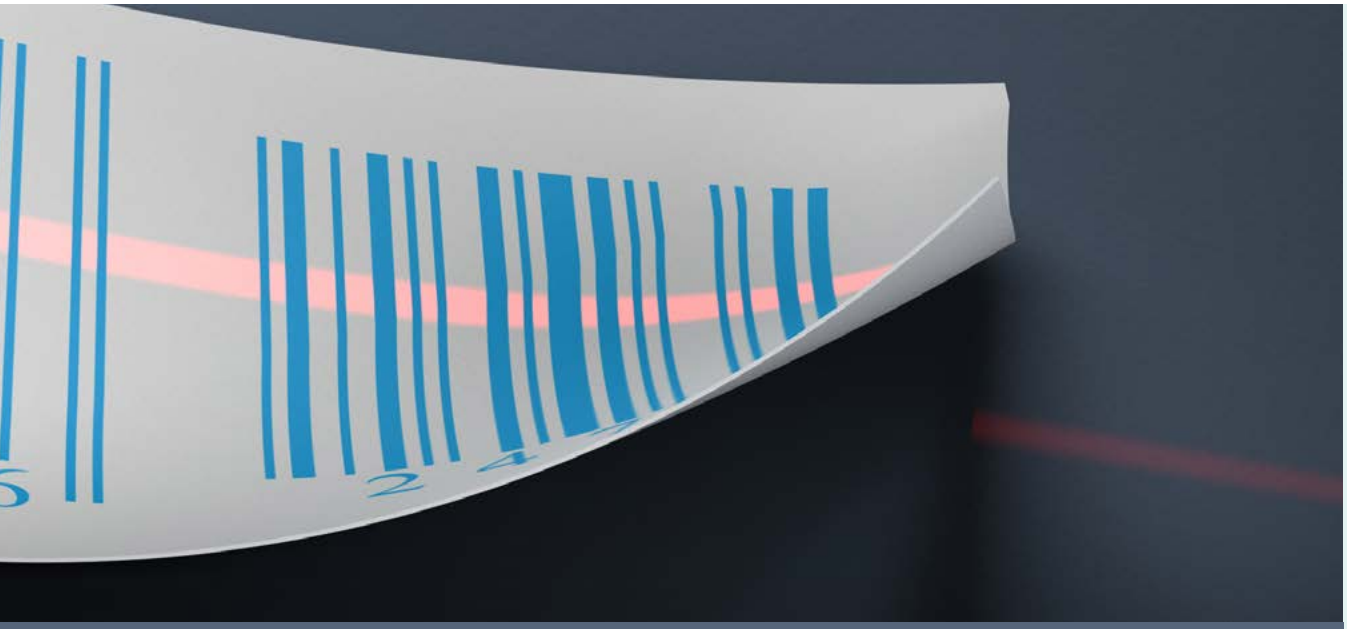
Access MRP brings significant improvements to your material requirements planning and ensures your business is fit for growth.

All your key materials handling areas will see process and efficiency improvements from day one - from stock management to purchasing, from compliance to shopfloor.

You can choose a low-impact modular roll-out to focus on the improvements you need today, while planning for what you want to add later by switching on optional modules as your business grows.

Total traceability up and downstream

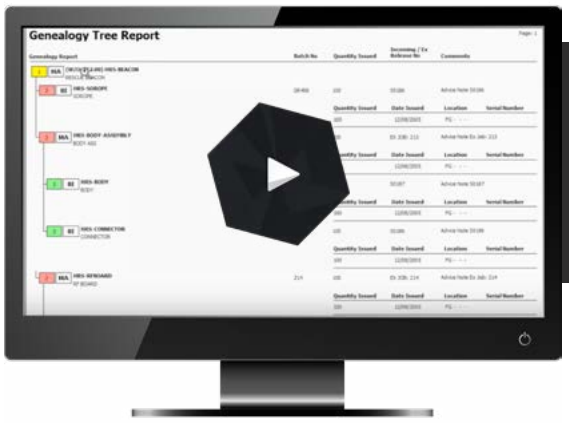
- Trace every individual element in the production cycle back to source and show an audit trail at every stage from goods in to delivery.
- Identify every batch, component or raw material movement, including when it was produced or arrived on site, who accepted it, and final point of delivery.
- See who inspected an item prior to use within the production environment, and who gave approval at each stage of production.
- Follow a complete audit trail from start to finish and instantly source evidence, including POs, delivery notes and inspection reports.
- Easily identify a non-conforming part, which batch it came from, when it was produced, which products has it been used in and where are these now.
- The ‘Quality Tree’ feature helps you keep all your certificates of conformity and associated quality documents in one place, against the finished batch.
- Accommodate multilevel assemblies and multiple components.



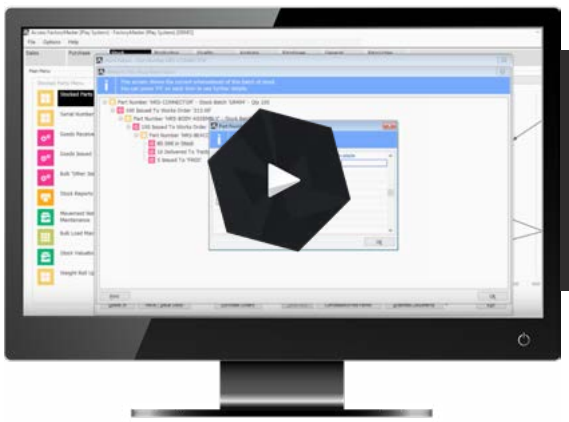
Unrivalled traceability

Traceability is undoubtedly a major issue across the manufacturing sector. The only way to deliver consistent, accurate performance in response to traceability challenges is to have instant access to all the right information. How quickly could you answer these questions for every component in your factory right now?

- Where did it come from?
- Which batch is affected?
- Which products contain the affected part?
- Which processes have been used to make the part?
- Where are all affected parts now?
- Who signed it off?



MRP Traceability Video
PART I



MRP Traceability Video
PART II

SAVING TIME

SAVING MONEY

IMPROVING
PERFORMANCE

EFFICIENCY

PRODUCTIVITY

Material Requirements Planning and Purchasing



Access MRP software controls all the key functions demanded in manufacturing. Central to this is the Material Requirements Planning module - the MRP, and here the software automates the process for you. No more manual calculations:

- Import your sales orders from your customers into the software (either manually or automatically if digital).
- Check existing stock levels.
- Check lead times of any purchases to meet delivery and machine deadlines.
- Raise POs and email to suppliers.

The MRP module calculates everything, taking into account lead times, stock levels and preferred suppliers, and shows you what you need to order. You still have the option to over-ride at any stage so you remain in control.

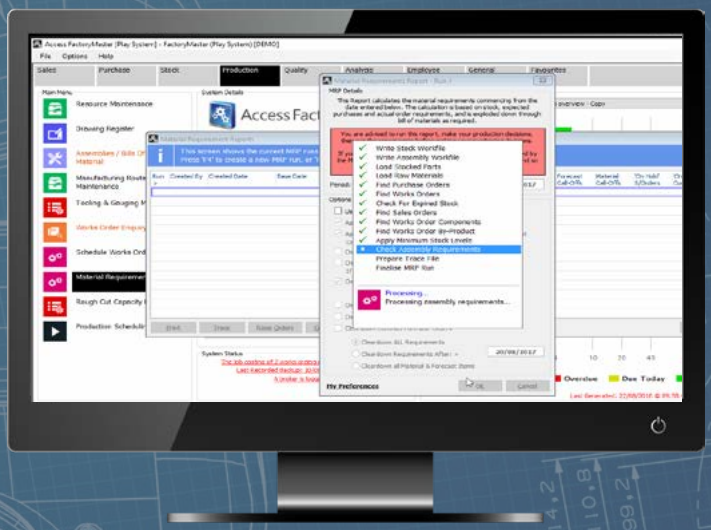
Running the MRP minimises stock levels and WIP, improves cash flow and schedules, and gives you an automatic audit trail for traceability.

"The first day we hit MRP, you could immediately see our cash flow improving"

Ky Gandy
Supplier Co-ordinator
Rega Research

Seamless purchasing from PO to invoice

- Raise Purchase Orders (POs) either manually or automatically for different suppliers, and see which parts are pending and which are received in full.
- Give managers or designated employees permission to authorise POs while maintaining the audit trail.
- Track outstanding orders from suppliers to ensure delivery deadlines are met.
- Make it quick and easy for suppliers to acknowledge delivery dates and requirements.
- Raise a Request For Quotation (RFQ) to invite suppliers to offer their most competitive price.
- Match your invoices with PO receipts for traceability of each full order throughout the purchasing process.
- Export matched invoices by integrating them with your accounting software.



Increased visibility and accuracy

Mistakes happen, but they are easier to miss when you don't have a clear view – and the problems they cause get worse as you grow. If you're making money but you're not 100% sure where your profit is coming from or why, how much more could you be making with total visibility of profit breakdown?

Electronic Data Interchange (EDI)

- Store and process orders from a single location to meet your supplier EDI requirements and your Industry 4.0 plans.
- Locate items quickly by part number, description or other search criteria.
- Access revised drawings and images to ensure all components are being made to the correct specification.
- Record engineering change notes, allowing designated employees to record modifications made to a product design.
- Drill down into sub-assemblies to gain a detailed view of the manufactured product.
- Perpetual inventory management and periodic stocktake.
- Full traceability of stock movement, batches and serial numbers.
- A clear multilevel Bill of Materials (BOM), including a list of required components and design variation tracking.

Inventory Management; no more shortages or excess stock:

Shortages or excess stock aren't just costly for obvious reasons: they also damage your brand and make auditing and traceability unnecessarily complex.

Automated order processing and invoicing

- Automatically generate sales orders and easily import them into the system to eliminate manual entries.
- Create picking lists for more accurate processing and delivery notes.
- Store Certificates of Conformity and release notes securely for each item that comes through the production line.
- Raise automated invoices for customers and export the information to your existing accounting system.
- Maintain multiple price lists with detailed customer discount options.
- Control customer returns and dispatch of credit notes.

Shopfloor Data Capture



Shopfloor data capture

- Accurately capture the time spent on each stage of the manufacturing process using a touchscreen.
- Log the time workers spend on and off jobs.
- Access product drawings and images from the screens to check goods meet the design specifications and make sure teams understand what is required.
- Store detailed training documents to make sure only employees qualified to use machines and other equipment do so.
- Improve stock management and create robust audit trails by issuing and returning components to works orders.
- Record when unmanned machines start and stop, logging quantities produced.

Hand-held scanning

- Capture data directly from the shopfloor and allow users to send system messages wherever they are in the factory.
- Sales uses include sales order picking with pick ‘specific batch’ and ‘any batch’ options, updating or printing delivery note details and entry-level goods purchasing.
- Stock management uses include batch enquiries, searching for a part, stock movement, stocktakes and printing labels.
- Production uses include works order kitting with pick ‘specific batch’ and ‘any batch’ options, works order component issue or return, goods in, tool enquiries and tool label printing.



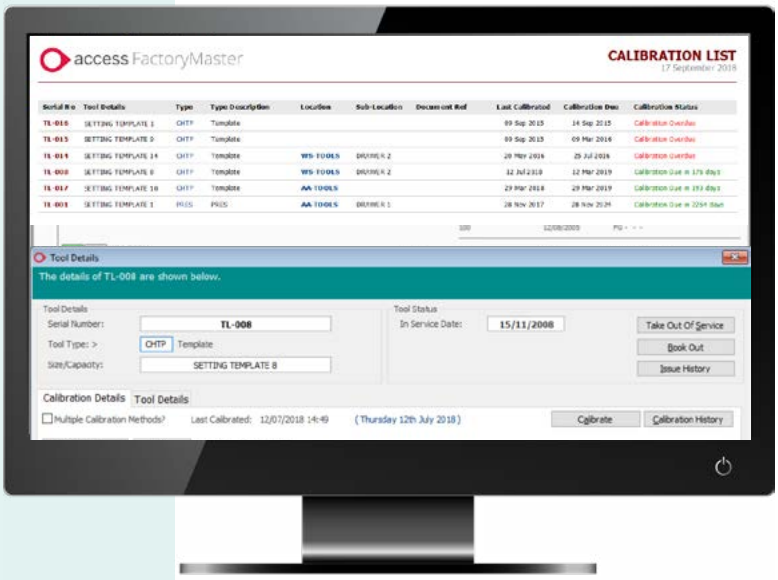
Job costing

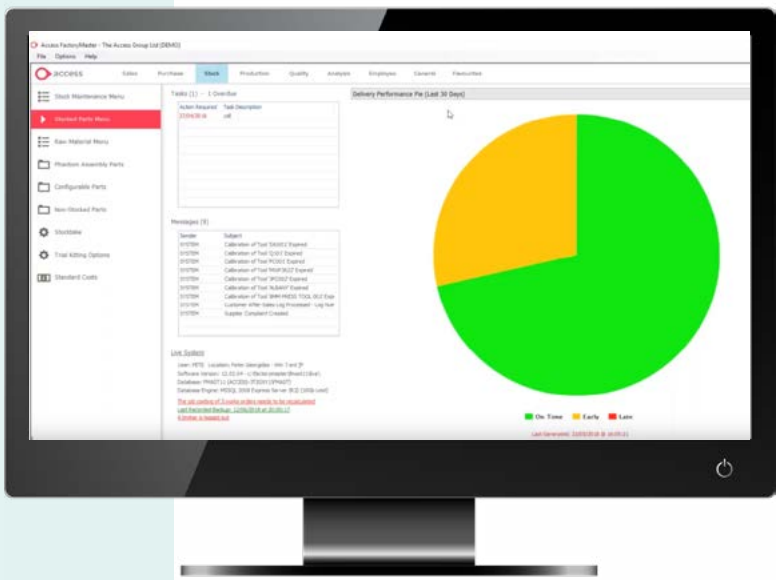
- Capture production data during the manufacturing process and relay it to managers and/or display on interactive screens on the shopfloor.
- Respond immediately when action is required e.g. checking design specifications or reporting employee hours.
- Use alongside the Works Orders module for managing the manufacture of multiple parts: check the progress of each job and automatically monitor costs throughout.

Confidence to ditch paper and speed up your business:

Updating paper forms or completing spreadsheets wastes hours of the working day, often spilling over into evenings and weekends. By automating purchasing, invoicing, inventory management and shopfloor data capture, Access MRP means you can concentrate on production rather than paperwork.

Quality Assurance





Quality assurance and management

- Meet the highest quality standards required in UK and European manufacturing and prove compliance with both your customers' QA and ISO 9000.
- Generate regular reports to support evidence-based decision making for continuous improvement.
- Achieve consistent results and more accurate forecasts by linking all processes, from orders and stock management to production and dispatch.
- Control non-conformity in materials and components to eliminate defects in the manufacturing process.
- Manage relationships with customers and sub-contractors to measure performance and provide feedback.
- Track logistics performance and view the order process from the customer's perspective using the On Time In Full (OTIF) reporting function.
- Produce delivery and quality graphs and reports using standard SC21 metrics (defence and aerospace industries).



Tooling and gauging control

- List tools and gauges and manage calibration requirements.
- Automatic warnings of calibration expiry.
- Purchase orders raised and sent automatically.

Non-conformance reports

- Track internal scrap and rework against production works orders.
- Create reports for repeat non-conformance, reject trends and PPM.
- Track supplier and customer quality metrics using graphs and trend analysis for delivery and quality.

Quality Tree

- Store all your quality documents in one place for ease of access and traceability.
- Link associated documents and records against a finished item or batch of stock.
- Accommodate multilevel assemblies and multiple components.

First Article Inspection Reports

- Produce FAIRs (First Article Inspection Reports), ensuring accuracy and quality compliance from the start.
- Communicate with customers using concession documents to record changes made to the original design specification.
- Identify and record ‘at risk’ processes in production, so they can be investigated and corrected.

Reporting and Documentation



Shopfloor time and attendance

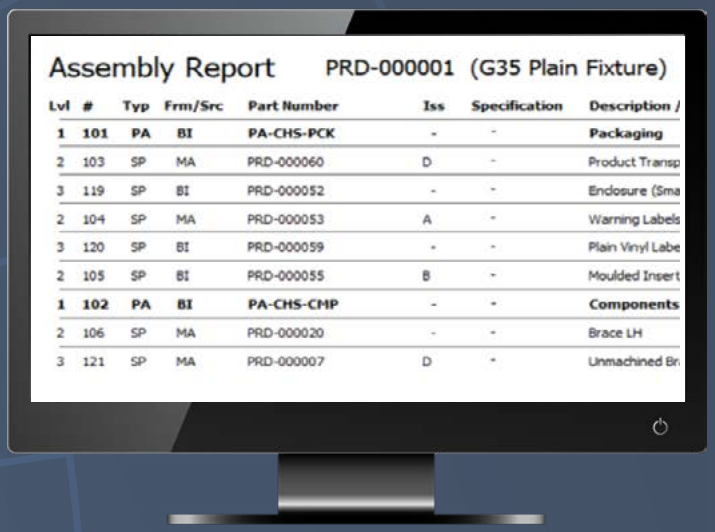
- Log employee attendance, absence and shift patterns.
- Generate time and attendance reports for payroll departments to use with their legacy accounting software, or upgrade to Access Financials.
- Maintain the highest levels of safety by rapidly preparing fire roll-call lists.
- Show shift patterns and absences, so managers can see issues like persistent lateness and/or unexplained absence.

Real-time management insight

It's impossible to make confident decisions confidently and quickly under constant pressure without all the information you need in front of you, and guesswork is clearly risky. Access MRP gives you comprehensive, scannable and accurate management reports in real-time.

Reporting

- 217 standard reports automatically available.
- Purchasing reports include Invoice Day Book, Invoice Matching Variance Report showing the difference between PO prices and matched prices; and Planned Versus Actual Costs.
- Quality reports include First Article Inspection Reports.



Quotations

- Create detailed quotations for both new and existing products including bespoke work, make-to-stock and make-to-order.
- Produce quick quotations for existing customers and previous orders.
- Report on your quote success, including conversion rates per sales person.
- Analyse customer loss and unsuccessful quotations to make improvements in the sales process and secure future conversions.

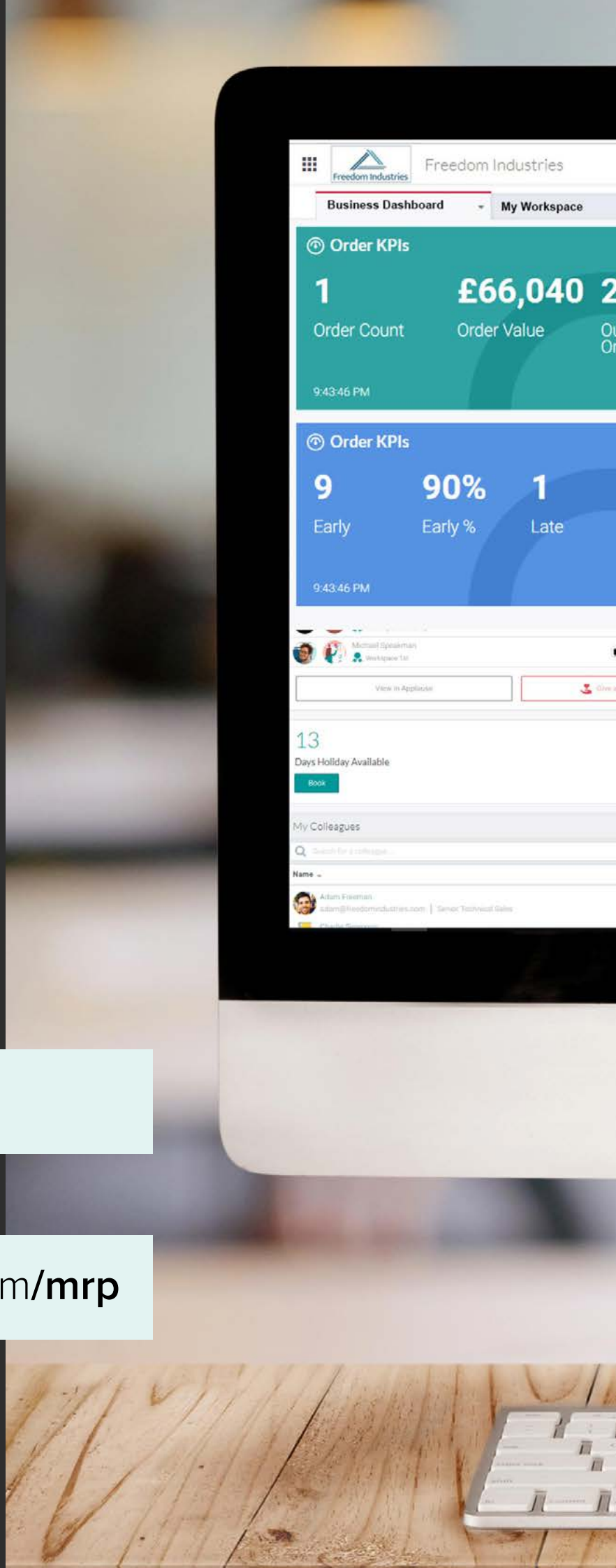
Bill of Materials (BOM)

- Create and structure a BOM under any part number with multiple levels plus manufactured sub-assemblies and bought in materials in any combination.
- Automatically pull the required BOM when a new Works Order is created and then amend independently of the master BOM as required.
- Display a ‘tree view’ of the Works Order components.
- Record other useful information, such as colour and location.

Why **Access MRP** makes sense for your business

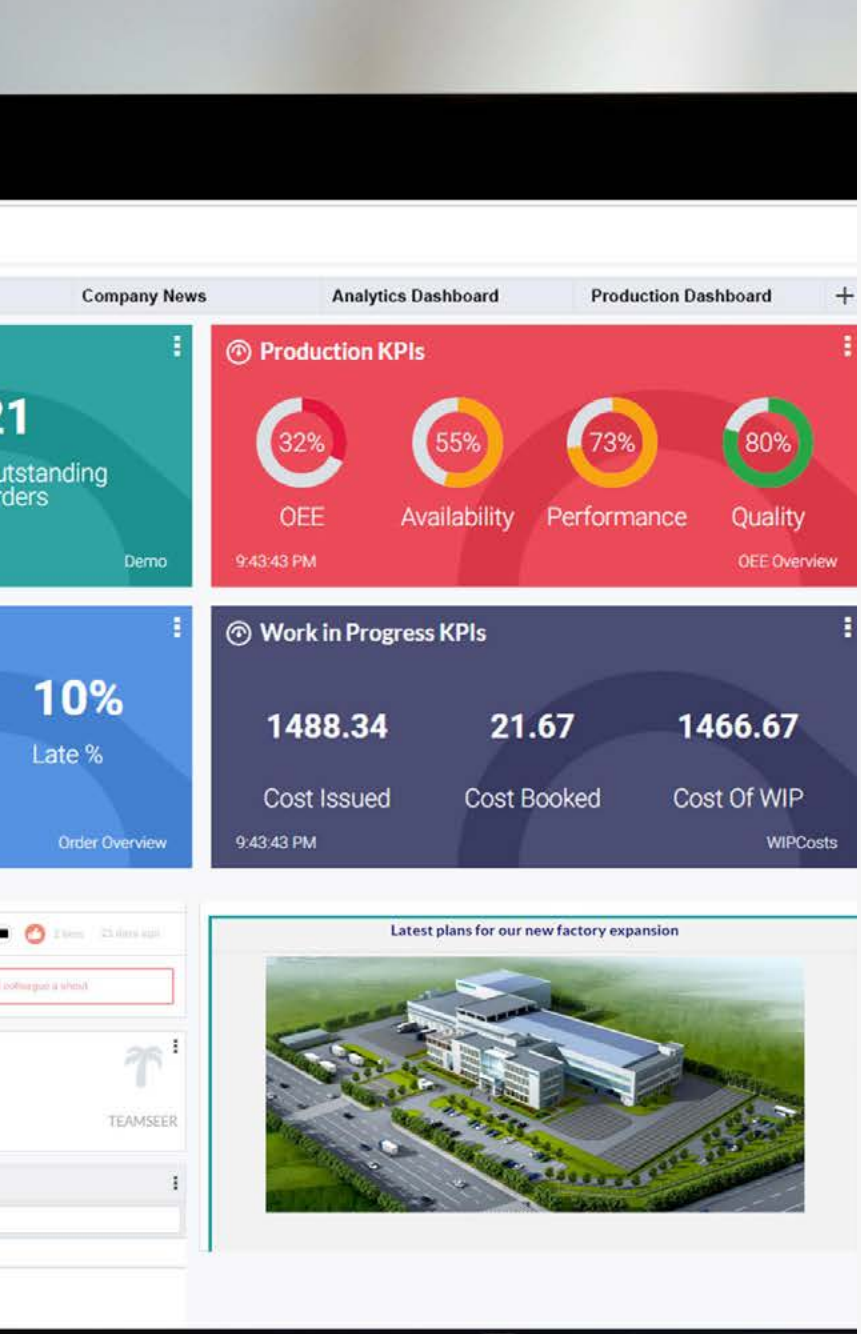
With so many features and so much functionality, it's easy to get distracted and miss the bigger picture. But Access MRP will ensure you always have a complete picture of stock, purchasing, materials, orders and output. That's good for your customers - and good for your cash flow and bottom line too.

Why not contact us today and arrange for a free demonstration. Once you've seen Access MRP in action, it's so much easier to see the possibilities for your manufacturing and production.



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theaccessgroup.com/**mrp**





access Workspace

KPI dashboards giving you insight to all aspects of your business

Access Workspace transforms the way you access information throughout your business, giving you real-time insight and analytics on a single platform. Join up your whole business: finance, manufacturing, purchasing, costing and warehousing software – all in easy to use, flexible dashboards.

Seamless integration with financials

Access MRP integrates with recognised legacy accounting software. But why not consider upgrading to Access Financials software with its increased functionality and scalability for when you expand?

access
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Choosing Access opens up a host of other business opportunities

One of the key benefits of working with Access is that we are not simply focused on developing stand-alone solutions. We apply our specialist knowledge across the supply chain, as well as offering market leading software for core business areas such as Finance, HR and Payroll.

If you already have systems from other providers in place, we are happy to work with you to integrate them with our solutions.

But if you are keen to rationalise your IT - and your external support and the problem solving required when functions draw from disparate areas - there is another way.

Access systems can be seamlessly integrated with other Access software for smoother operations across your business. Talk to us about what that could mean for you.

We promise to be there if you need us

When you partner with us, you can talk to our people directly whenever you need to. We'll never fob you off with a remote call centre somewhere else in the world – and that's a promise.