

Seiki ERP

SEIKI
SYSTEMS

Seiki Systems Enterprise Resource Planning (ERP) solution is designed to integrate essential business processes into a single system that enables information to flow easily throughout the entire company. Data is held within a single database which provides users with access to a consistent set of core business records. Seiki ERP has been developed specifically to meet the requirements of small and medium sized enterprises, in particular we support make-to-stock or make-to-order manufacturers, who produce products with one or multi-level BOMs.

The main difference between Seiki ERP and conventional ERP is that it can work with or without detailed item master data. Seiki ERP users do not have to begin with the creation of standard parts or material items in order to generate quotations and works orders. It is in effect a quick start solution, as users are able to start almost immediately with their added value activities. The software is designed to keep business management processes as simple as possible, providing users with single mask technology to summarise all pertinent information in a single, logical format thus requiring minimal training, which means that users can quickly become proficient in utilising the full capabilities of the software. Furthermore, by providing multimedia pictures or integrating CAD drawings, paperless manufacturing is available for companies looking to achieve systematic control of manufacturing data.

Modern ERP software is not just about manufacturing resource planning, it provides essential business intelligence that supports every stage of the order lifecycle. The knowledge held within individual business units can be co-ordinated to produce an automated, visual representation of the actual situation, eliminating the problem of trying to synchronise figures across multiple systems. The software enables effective stock management, demand and process planning, J.I.T supply and delivery scheduling, documentation management and management reporting. Graphic representation of profit and loss areas, comparison of estimated vs actual costs and statistical analysis of the entire order process is instantly accessible as a result of the real-time functionality of the system. Seiki ERP enhances management capabilities that enable manufacturers to maintain control over bills of materials and all other aspects of the procurement and assembly process. It also ensures complete records of materials to attain full traceability to meet customer requirements and quality standards.

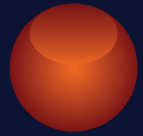
System Functions

Our industry experience enables us to deliver an ERP solution that offers best practices and up-to-date problem solving functionality. The system has been developed using the best practices of more than 350 system users working in diverse sectors of manufacturing such as mould and die, machine building, sheet metal, plastics and automotive supply.

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Introducing Seiki ERP...

Seiki ERP integrates essential business processes into a single system that enables information to flow easily through the entire company. It is ideally suited for the SME market and overcomes the problems normally associated with trying to use multiple, uncoordinated spreadsheets and databases by integrating all the business functions into a single, multi user system.

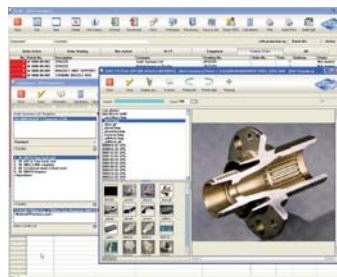


The Features

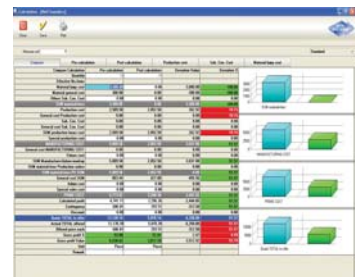
- Business documentation - quotes, purchase orders, invoices
- Administer and process customer orders
- Stock Management
- Customer and Supplier Management
- Administration of BOMs
- J.I.T supply and delivery scheduling
- Final & in-process cost calculations
- Interfaces to your financial software or CAD/PLC programs

The Benefits

- A single, consistent set of core business records
- Essential business intelligence to support every stage of the order lifecycle
- Control and optimisation of stock and order requirements
- Cost calculations based on actual figures
- Does not require detailed master data
- Fast implementation and rapid return on investment



Process planning



Cost calculations

Seiki Systems Ltd

Olivier House, 18 Marine Parade, Brighton, BN2 1TL

T: 01273 666999

F: 01273 602564

E: sales@seikisystems.co.uk

W: www.seikisystems.co.uk

Contact Us

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Seiki ERP offers intelligent status administration in the form of a traffic light system that enables users to see at a glance the current conditions of the company. For example, it is possible to see which processing steps of a an order are started/in progress/finished, where money has been earned/lost and earned/lost and which invoices have been paid or are outstanding. Furthermore, using commercial reporting tools, such as Crystal reports, we are able to offer all types of business analysis and KPI reporting. The system includes a number of standard formatted reports, including all essential documentation such as quotations, delivery notes, invoices, etc., which are customised with your company logo and address during installation. If you require any additional reporting and analysis* we will work with you to create a specification and solution.

Our philosophy is to offer a software solution that ensures users have permanent, free access to the company's data. We use a standard SQL based database but other databases like Oracle, Informix or Sybase are also supported and every customer is provided with complete documentation of our data model, including all tables, data fields and connections. Seiki ERP can be integrated seamlessly into your existing software landscape. As well as interfaces for financial accounting the open database design and interface can be used for web based B2B solutions or the integration of CAD/PLM software. It can also be used in conjunction with the Seiki Scheduler, a graphical real time, finite capacity planning system, to provide users with a total business solution.

Enterprise Application Integration (EAI) Interface

Using the EAI (Enterprise Application Integration) product, Seiki Systems is able to offer an intelligent interfacing solution that can optimise data exchanges between different software products. EAI serves to connect ERP/MRP/PPS/CAD-CAM systems, or other databases and software to the Seiki ERP and Scheduler SQL database in order to automate the task of data entry.

As well as being able to run manually, a standard feature of the EAI product is it's ability to be run automatically via a user configurable schedule. This may either be at a set time each day or after a specific interval. Additionally, the interface configuration may be split into a number of sections, each of which may be subject to a different schedule regime. For example, Companies information may be exchanged once per day whereas Works Order information is exchanged more frequently, e.g. every 4 hours. This data exchange may be configured to be either unidirectional or bidirectional, depending upon the individual system's requirements.

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The Seiki Solution

Seiki ERP software is available as a stand alone solution or as an integral part of the Seiki Productivity Suite. Other modules include:-

- Seiki DNC
- Seiki Jobpack
- Seiki Monitoring
- Seiki SFDC
- Seiki NMS
- Seiki Scheduler

The modularity of Seiki software provides manufacturers with a flexible solution and progressive upgrade path. One of the key advantages is the ability to address your most critical areas first. Our aim is to work with you to secure your return on investment and support your business as it grows. We offer a complete service including planning, installation, implementation, customisation, training and after sales support.

*Any additional reports or major re-formatting of the standard system reports will be to an agreed specification and the cost agreed accordingly

Customer & Supplier Management

- One click communications
- View turnover both current and historic
- Set reminders for important events

Stock Management

- Show actual, reserved and ordered stock quantities
- Set minimum stock quantities
- Set price breaks for buying and selling

Customer Orders

- View order and process information on the same screen
- View current order status

Process Planning

- Dynamically modify active process plans
- Quotations based on resource hourly rates, material costs & profit targets

Bill of Materials

- Define and administer a growing BOM
- Assign a BOM to a product or part number

Documentation

- Create quotations, purchase orders, delivery notes and invoices quickly

Repeat Order Management

- Optimise stock and order requirements
- J.I.T supply and delivery scheduling

Final & In-Process Cost Calculations

- Traffic light system highlights profit/loss areas
- Compare estimated costs against actual costs

Management Statistics

- Graphical display of management statistics

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Seiki Systems' suite of manufacturing execution software can be utilised for planning, controlling and improving the works order lifecycle - from top floor to shop floor - of any manufacturing company. Visibility and control of all stages of the manufacturing process is essential. Creating a leaner systematic approach can result in significant capacity and efficiency improvements that can lead to real cost reductions.