MCI SOFTWARE

Our Integrated Management Control System has been developed to improve productivity and competitiveness across a range of sectors: from Manufacturing and Production to Distribution and Farming; as well as many industries: including Food, Drinks, Pharmaceuticals, Engineering and Building, to name but a few.

Proven Track Record

The MCI Myrias suite of data capture software has a proven track record of monitoring, recording and controlling all aspects of your business lifecycle from Goods In to Goods Out and everything in between.

From ordering, through manufacturing and packing, to despatch and distribution with product traceability.

Multiple Successful Installations

MCI Myrias is currently running in over 300 installations across the globe

We have successfully provided solutions in Europe, America and Australia, from international corporations to smaller scale UK based companies.

Key features and benefits

- Offers flexibility and versatility through its modular design

- Provides a complete solution including ERP, MES and SCADA

- It combines software and hardware to help reduce costs, maintain product quality and traceability, ensure regulatory compliance, streamline processes and deliver results

- Reduces paper usage with added labour and cost savings as well as improved accuracy of results

MCI MYRIAS

MCI Myrias is a flexible and versatile Integrated Management Control System that captures, monitors and reports data across the full business lifecycle. Developed over 20 years, it is fully flexible in the type of business size and function it can be applied to.

The software has a modular structure that gives it true versatility as our customers are able to pick and choose exactly which module or modules will best deliver your business needs. It can interface with, and be fully integrated into, all existing business processes and systems. In addition, if required, the system is able to implement control actions either through operator intervention or automatically by PC/PLC control.

- Modular software suite with perpetual licences
- Runs on a PC (network) with links to process devices
- Collects data over LAN (local area network)
- Stores and analyses information in real-time
- Reports in colour graphics and conventional formats

Modular System

It can accommodate simple or complex process routes with the different modules providing monitoring and control of specific operations as well as continual tracking throughout the process. It is unique in that it enables real-time live actions to be taken on the gathered data.

The MCI Myrias software collates all the data and delivers it where and when it is required and in whatever form is most useful i.e. reports, charts, summaries, etc.

User-Friendly

The software is designed to be user friendly to accommodate the user's varying levels of technical literacy. At each stage the functionality is restricted to the task at hand and leads operators through the system in a straightforward way.

A Brief History

MCI Myrias is a modern Microsoft Windows programme. It supports Windows Vista, XP, Server 2003, 2000, NT, ME, 98 and 95. It is intended that the product will continue to be supported on all future releases of Windows. MCI Myrias was first installed in 1993, under the name of 'PacKing', and is based on previous software going back to MS Windows 1 and Unix.

It has a stable programming team, with some of the programmers working on the first MCI Myrias release and the pre-releases. The software is written and compiled under Microsoft Visual Studio 2005, which includes development tools for .NET Framework, Visual C, C#, C++, JScript, and Web-Developer. This provides development to the latest state-of-the art technologies.

The MCI Myrias product is certified and approved by the NMI (Cert No 10051229) to European Standards.

SOFTWARE BENEFITS

There are many benefits to implementing and working with any or all of the suite of MCI Myrias modules, these include the following:

Benefits to your Business

- Traceability of all material
- Control of Weights to relevant legislation
- Monitoring and Control of Quality
- Stock Control
- Analysis of yield and waste
- Advanced reporting facilities
- Productivity data to identify what causes down time
- Easily links to Third Party software
- Flexible system allows MCI Myrias to provide a solution to meet all of your company's data handling requirements

Financial Benefits

- Cost savings on reduced overfill
- Cost of returns and fines reduced
- Cost savings on wastage
- More accurate records of financial position
- Accurate value of current stock
- Accurate monitoring of where money is spent
- Integrates with other financial packages, or can replace some or all of their functions

Benefits of a Modular System

- Modular software allows for staged installation
- Standard package ensures fast delivery times
- Stable development team to tailor and customise
- Links to a very wide variety of process equipment
- Real-time reporting for rapid reaction and control
- Ease of Use
- Industry experts with production understanding
- Interfaces with many Third Party software packages
- Uses modern technologies
- Excellent service coverage, capabilities and response

SOFTWARE INTEGRATION

The MCI Myrias software is able to link to a wide range of hardware and software systems - basically anything with an interface, including:

- Scales, Balances, Checkweighers
- Dynamic Checkweighers and Weigh-Price-Labellers
- On-line Coders
- PLCs
- Test Instruments
- Data Terminals
- Portable Data Collection Units
- Filling Machines
- Metal Detectors
- Robot

Hands-on practical experience

At MCI Systems we have extensive hands-on experience; we are familiar with, and fully understand, the environments in which are software is used. For example, we know the reality of working with our system on a factory floor where the workers will be wearing gloves and will not be able to work with anything too fiddly.

Unlike some other systems which look good in theory but do not translate to the working environment successfully or smoothly MCI Myrias and its associated hardware has been tried and tested in real business environments over the past 20 years.

Fully flexible and customisable

The MCI Myrias product is fully flexible and customisable which makes it truly bespoke. MCI Myrias software can be fully integrated into any company's existing software, IT infrastructure and business systems. This versatility means that installing it does not impose a restrictive, inflexible new system into your business but rather one that will fully work with and enhance your current systems and processes.

Third party integration

Our software is also integrated on many occasions with multiple third party systems to provide product configuration, BOM, planning, stock, purchase orders, sales orders and other information. These third party systems include accounting packages such as SAP, Sage and Opera, as well as Microsoft Products and bespoke systems.

MCI Systems is a registered Sage® Professional Developer for SAGE Line 500 and other Sage products. MCI is also a Microsoft® Registered Partner.

SOFTWARE APPLICATIONS

The MCI Myrias modules have a wide range of applications that can be implemented across many sectors - from Manufacturing and Production to Distribution and Farming - and many industries including, Food, Drinks, Pharmaceuticals, Engineering and Building to name a few.

Below is a list of some of the main applications for the MCI Myrias modules:

Abort & Ignore Records an Operator's reasons for departing from standard procedures	**Bar Code Reader** Identifies product and links to appropriate procedures
Bill of Materials Tabulates all formulations for raw material calculations for production planning, costings and procurement purposes	**Checkweigher** Records all packs from automatic dynamic checkweigher
Container Log Quantifies and characterises suppliers' packaging and containers	**Customer Service Reports** Instantaneous reports for management to assess customer levels as per delivery notes and orders in house
Date Code Check Checks Operator-entered date against current correct date	**Events/ Defect Log** Procedure for recording up to 100 events related to the line
Goods In/Out Stores front end for checking delivery and despatch	**Hygiene (HACCPS)** Set up of schedules with exception reporting
Ingredients Controls multi ingredient packages to total package declared weight	**Inventory Control** Reports on all raw materials, and finished products with date of purchase, delivery and manufacture
Line Log Monitors and reports on various aspects of line efficiency	**Metal Detector** Records individual pass/fail results from link to metal detector
OEE (Overall Effective Efficiency) Real time measurement of line availability, downtime, output and quality giving live monitoring for benchmarking purposes	**Order Forecasting** Historical database of material usage for operational personnel to forecast and plan the ordering of raw materials
Order Creation Creation of a Supplier's order	**Quality** Provides overall assessment of attributes with AQL control
Quarantine Procedure for the control, isolation and disposal of defective products	**Recipe** Ensures multi ingredient products are formulated to required specification

Stock Ingredients	Stock Order Picking
Enables quality aspects of ingredients to be evaluated against set criteria	Collecting stock to make up order and printing of delivery note
Stores	**Variables**
Materials acceptance, priority, storage and audit trail	Records and controls non-weight variables e.g. temperature, speeds etc.
Yields	
Monitors line yields, productivity, work in progress, and wastage simultaneously	

Enhancement Modules

In addition to the multiple applications listed above there are also a number of enhancement modules available that either run alongside as additional modules or are used as standalone modules. For more information about the enhancement modules download the Enhancements Modules PDF.

SOFTWARE REPORTS

Our MCI Myrias Management Control System is a data capture system that monitors, controls and provides information. One of the main outputs from the system is the provision of reports which can be provided in charts, tables, summaries, etc. depending on the individual requirements of our customers.

Real Time Data

The reports can be generated in real-time to show a wide range of information.

For example, in the manufacturing process it is possible to access data on raw materials stock levels, finished goods stores and work in progress in each Department.

Summaries of manufacturing yield, waste and rework can all be generated and highlighted for appropriate action.

To discuss how the reporting capabilities of MCI Myrias can help your business, please contact us.

Multiple Access Points

Reports can be run both locally and remotely via a WAN (Wide Area Network) which means data can be accessed and viewed from other plants or at Head Office, again in real-time.

Learn more about Multiple Access to reports in our Case Studies for existing clients.

Audit Trail

In addition to displaying real-time data to multiple users i.e. senior or line management and staff, each MCI Myrias software module will store archived data that may then be retrieved in report, chart and tabular format.

Customisable

Reports can be selected from a choice of criteria including product, shift, time period, line/filler, etc.

Data can be exported to a range of packages e.g. Excel. Customers can either generate bespoke reports, created by our team at MCI Systems based on your individual business requirements or alternatively reports can be created via the standard reporting tools within MCI Myrias modules.

The range of tools within MCI Myrias is vast - offering over 500 reporting options if your business uses every module.

To discuss how the customised reporting capabilities of MCI Myrias can help your business, please contact us

SOFTWARE PACKAGES

Large Systems

At MCI Systems we provide large systems that are versatile, flexible, fully customisable and can be integrated into your existing business processes. These large systems are usually based on one of the standard MCI Myrias software packages with specific customisation to ensure it fully meets the bespoke needs of the business.

The system will be paid for on implementation and the cost will include the software licence which is perpetual, rather than annually renewable, plus installation, training and one year of support and maintenance. Software support is then an annually-renewable option.

When thinking about how much a company will need to pay for a large, customised system it is also worth noting the potential for substantial business savings - for example a £30,000 system will usually pay for itself within a single quarter.

Installing a large MCI Myrias Management Control System will reduce the costs of labour and product overfill by increasing efficiency. In addition, the quality of the end product will improve which will result in fewer returns and better customer satisfaction.

Another key improvement will be the ability of your business to comply with legislative requirements and standards which will mean you are able to meet current best practice as identified by organisations such as the British Retail Consortium. By achieving these levels of compliance you will increase the range and quality of your customer base resulting in more and better sales.

Additional Options

MCI Systems also offers extremely competitive solutions from purchasing an 'off-the-shelf' package for about £1,500 to the option of renting a Management Control System from £30 per month.

Off-the-shelf Packages

Starting at £700 we provide simple to install and implement 'off-the-shelf' packages for customers who are not looking for our full customised packages. The cost for one of our 'off-the-shelf' packages include some initial tailoring, as well as system training to ensure our customers are able to benefit fully from what the package has to offer. In addition, it is also possible to purchase a one year customer support and maintenance contract

Contract Packages

In addition to being able to purchase a full bespoke package or a simpler 'off-the-shelf' system we also offer our customers the opportunity to hire one of our software packages at a monthly rental cost. Starting from as little as £30 a month this cost includes installation, training, maintenance and ongoing support, as well as upgrades and systems enhancements.

If you would like to find out more, see a demonstration or discuss your own requirement, please phone us on 01252 722 399, email us at sales@mcisystems.co.uk or visit our website www.mcisystems.co.uk for more information