

# PROMACE

Process Information Management System



## Managing the Business Enterprise

In modern business it is essential to respond rapidly to the specific needs of existing and new customers before competing companies can also react.



HYDROCARBONS

As a business concentrates on improving its products and delivery service, traditional company organisation structures collapse



CHEMICAL AND PHARMACEUTICAL

and Marketing, Sales, Production and Finance departments tend to merge whilst serving this common objective. This business process re-engineering relies on the existence of an enterprise-wide



UTILITIES

integrated information system which enables all decisions to be based on shared, timely and accurate information. Marex Technology's

**PROMACE** Process Information Management System unifies



PULP AND PAPER

plant data with other application software such as planning, scheduling, laboratory and maintenance applications, enabling everyone in the company to visualise past and present plant performance.

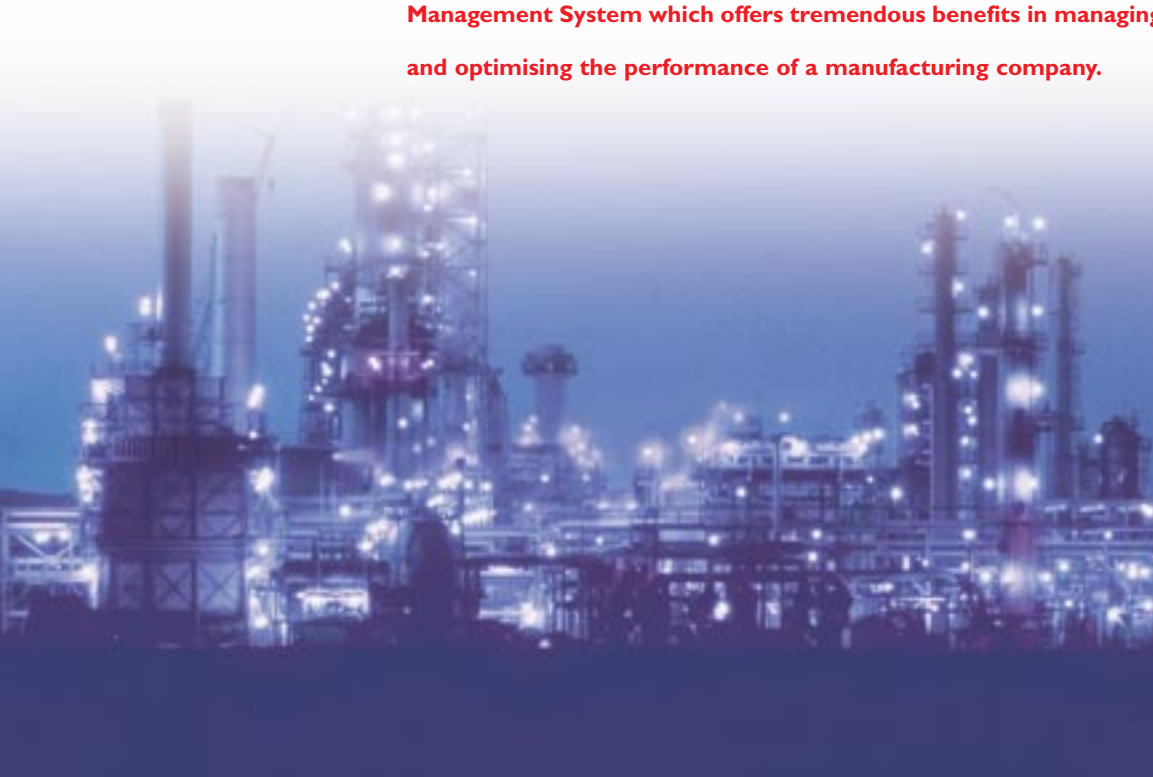


MANUFACTURING

Processes and practices can then be critically evaluated and an enterprise-wide teamwork approach applied to achieving the goals of the company.

PROMACE is globally established in the Hydrocarbons, Chemical and Pharmaceutical, Utilities, Pulp / Paper and Manufacturing sectors of industry. For large, distributed multi-user systems, it is the choice of many 'blue chip' companies such as Shell, Unichema, Courtaulds and Cargill. Nevertheless, many small and medium size companies also benefit from PROMACE's functionality, secure in the knowledge that the process management system can grow with the company.

**PROMACE is an innovative and robust Process Information Management System which offers tremendous benefits in managing and optimising the performance of a manufacturing company.**



THE IDEAL PROCESS MANAGEMENT SYSTEM FOR ANY SIZE OF COMPANY

## Marex Technology's Industry Consultants

PROMACE has been developed to meet the needs of manufacturing companies world-wide. Marex's business structure is built upon centres of expertise in hydrocarbon processing, utilities and general manufacturing which include chemical, pharmaceutical, food and discrete processing. Each centre of expertise (Business Group) combines industry specific business management with experienced consultants familiar with implementing integrated information systems in their respective industries. Marex consultants combine industry, business and software implementation know-how to provide help and advice in the application of advanced computer integrated manufacturing.

**Marex**  
Technology

## The Company

Marex Technology is a British company with 28 years experience in building industrial information systems.

Marex concentrates on two business areas, the development and marketing of the **PROMACE** process management software and implementing customer specific information and control systems which are based on **PROMACE**.



# PROMACE



## The Choice of Blue Chip Companies

Marex is a healthy, growing company with customers located throughout the world, supported by Marex offices in Europe, the Middle East and Asia Pacific. Some of these systems were established by the adoption of global **PROMACE** solutions by multi-national companies such as Unichema, Shell, Courtaulds and Cargill. The head office is located in the heart of the famous yachting community in Cowes on the Isle of Wight and we have Sales and Support offices throughout the world.

Marex is an ISO9001 certified company as would be expected of a developer of systems which range from long-term strategic planning to real-time data collection.

## Enterprise Wide Information Systems

In many locations, the **PROMACE** system is used as the common graphical user interface for all of the other information system applications. Consequently, **PROMACE** is now an ideal foundation on which to build a completely integrated information system and the development of enterprise-wide systems is a prime business focus for Marex Technology.

# The Business Optimisation Tool

Process Information Management is the heart of the Integrated Information system. It receives data from, and often passes data to, the Distributed Control systems, PLCs and other plant devices. In addition, it is a focal point for the higher level applications in the company information system. Information from systems such as Planning, Laboratory, Distribution and Maintenance Management applications is managed and re-directed through the Process Information system. Standard communication links (drivers) to proprietary, DCSs, PLCs and other applications enable the Process Information system to present all of the plant information in a uniform manner which is customised to the needs of each type of user. Consequently, the confusion created by the volume of information is minimised, there is no replication of data and everyone can make judgements which are based on secure, verified facts.

**PROMACE** was developed on the basis of more than 20 years experience in industry and has the following features:

- Well proven, flexible real-time and relational databases
- Open systems client/server technology offering complete scalability under the **UNIX** and **Microsoft Windows** operating systems
- Communications 'drivers' to most PLCs and DCSs and tools for quickly building interfaces to new systems
- A powerful historisation module with very efficient data storage and retrieval capabilities
- Easy-to-use data display and analysis environment available within **Microsoft Windows** providing an intranet-ready user interface
- An extensive suite of **ActiveX** components including mimic builder, report writer, trending and alarm handling.
- Comprehensive **SQC/SPC** tools for identifying the causes of production problems and for predicting and preventing re-occurrence of these problems
- Interfaces to most major software applications such as scheduling and planning, **LIMS**, maintenance, modelling, **APC**, etc
- A suite of industry specific software modules to meet the needs of operation and production management within the **Hydrocarbons**, **Chemical / Pharmaceutical**, **Utilities**, **Pulp / Paper** and **Manufacturing** industries
- A Recipes, Schedules and Batch control module in accordance with the **ISA SP-88** standard

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# PROMACE

Process Information  
Management System

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