



## Introducing Preactor International

Installed by more than 4,000 companies in 69 countries around the world.

### WORLD LEADER

Preactor International is a world leader in production planning and scheduling software used by a wide range of businesses. Frequently integrated with ERP, MES and Supply Chain Management solutions, Preactor's breakthrough technology is used by more than 4000 small, medium and large multinational companies located in 69 countries.



The current trends in manufacturing are towards lowering inventory levels to reduce costs yet still be able to respond to shorter lead times to satisfy customer demand. Preactor solutions are able to:-

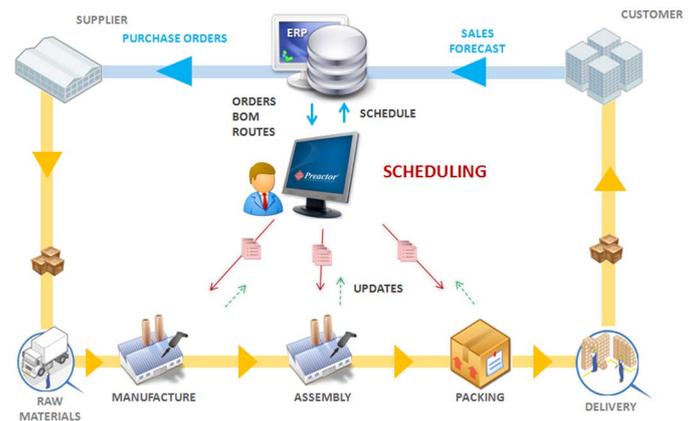
- Create truly feasible production schedules that consider availability of equipment, manpower, materials and other constraints.
- Balance lower inventory levels with shorter lead times and improved on-time deliveries.
- Understand the full impact of breakdowns, material shortages and staffing issues on the manufacturing process and react quickly to protect key customers' deliveries.

Preactor offers a family of applications ranging from mid and long term capacity planning to detailed scheduling and is translated into more than 30 languages.

Preactor runs on industry standard hardware, operating systems and databases. Preactor International has long been a Microsoft Gold Partner and certifies its products for use on Microsoft platforms and databases. It uses the latest technology to develop its applications and typically offers at least one major release each year.

### SYNCHRONISATION OF THE SUPPLY CHAIN

Preactor provides the integration and glue that connects back office applications such as ERP with production.



Typically an ERP system would send Preactor new orders with routing and Bill of Materials information as well as quantities and due dates. The planner would then use Preactor to generate a plan or schedule and send this back to ERP. Updates on progress would either come from ERP or directly to Preactor. When a new schedule is generated this information becomes the start point to create the new schedule.

In using Preactor:-

Planners can react **FASTER** to change – it creates plans that synchronizes all orders in seconds or minutes.

Planners can be **SMARTER** – they can identify potential problems (Cause & effect) and fix them before they actually happen.

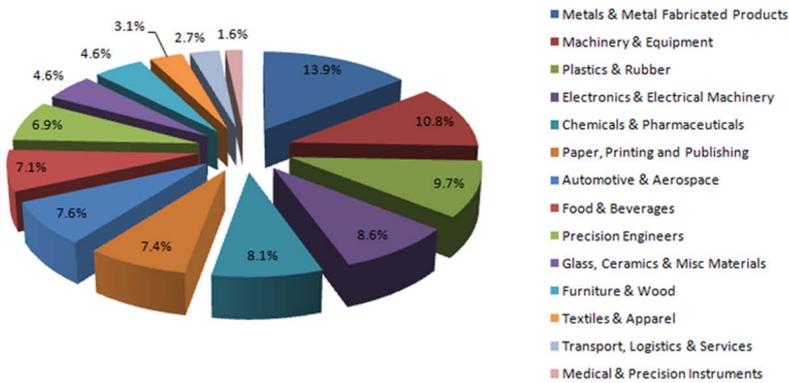
Companies can get Systematic **RESULTS** – improved Customer Service, Inventory Reduction, Cycle Time Reduction and increased Productivity by generating consistently feasible schedules that respond quickly to change and inspire high levels of confidence in meeting due dates.

With 20 years of expertise in production planning and scheduling technology, an unsurpassed installed base with case studies, testimonials and references and an extensive partner network offering local expertise and support, Preactor International offers global companies with a proven solution and the global resources for the execution of multinational projects.

## FLEXIBILITY

Preactor is installed in almost every manufacturing sector. The flexibility to meet the needs of the many and varied production and service environments illustrates the ease of customization of Preactor to be moulded to the needs of a wide variety of businesses.

The current install base of Preactor by sector is shown in the pie chart:



## SUPPORT

Preactor has a local presence in many parts of the world to support our partners and end users.



Preactor's headquarters is in the UK and there are offices located in France, India, China, Brazil and the United States.

In addition Preactor has established partnerships with more than 400 companies located around the world to provide local expertise to support the implementation of the solution for each company. These 1000+ accredited professionals offer a key resource working closely with users to ensure each company's unique requirements are met.

It is always a very important step in providing a solution to understand well the production environment and the exact needs of the planners. Typically a 'Design Workshop' is carried out to capture this knowledge before the main project starts. It will also determine the version of Preactor that is suitable for the application and the timescales and milestones for each phase of the project.

Some of our partners have chosen to embed Preactor into their own application. These companies include ERP, MES and other software applications that could benefit from the unique capabilities of the Preactor family of planning and scheduling solutions.

## BENEFITS

Over almost 20 years of implementing APS solutions consultants and partners alike have seen a remarkable transformation in the performance of many companies who have implemented Preactor.



Case studies have shown that a remarkable transformation can take place within a company when a detailed scheduling tool is used.

The reduction in inventories and work in progress is often due to purchase orders being issued in accordance with the detailed schedule produced by Preactor instead of using lead times within the ERP system. Orders are only released to production when materials and resources are available to complete the work. With fewer orders in production the make-span, the time from when an order starts to be processed and when it is ready for delivery is reduced. This in turn provides more agility for the planner to respond to change.

The sequence of orders being loaded onto resources can be very important in some industries as it has an impact on setup or changeover time. Reducing non value add activities such as setup and clean down time can increase efficiency so increased productivity can be achieved.

Typically a plan or schedule will be created to cover days, weeks even months ahead. The planner has the visibility to see where the problems will be before they arise and can therefore take action. The 'what if' capability helps decision making and is crucial to improving on-time delivery performance.

## CONTACT DETAILS

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