



Case Study

Taking advantage of the 'Big Flood'

David Byers
Managing Director

"We were starting on a major change to the way we ran our manufacturing plant when we were hit very badly by Sheffield's 'Big Flood' of June 2007.

Most of the factory was under 3 feet of water. We decided to take advantage of the period of clean up and recovery to accelerate the planned change.

We are delighted at what we have achieved.

Thanks to the intense guidance and direction activity by Neale Cook of MCCR & Associates and the enthusiasm of our staff we managed to bring forward the changes and complete the training.



From this.....

MCCR help
Chapmans re-
gain control of
the production
process

.....to this



Jim Beard, Production Planner

.....to this

GMAP PLANNER		JOB LOCATION SHEET			
JOB	ORDER	WALKING	TRUCKING	STORAGE	INSPECTION
01	10.08.07	14.08.07	18.08.07	18.08.07	
02	10.08.07	14.08.07			
03	10.08.07	14.08.07			
04	10.08.07	14.08.07			
05	10.08.07	14.08.07			
06	10.08.07	14.08.07			
07	10.08.07				
08	10.08.07				
09	10.08.07				
10	10.08.07	14.08.07			
11	11.08.07	14.08.07			
12	10.08.07	14.08.07	18.08.07	18.08.07	
13					
14	10.08.07				
15	10.08.07				
16					
17	10.08.07				
18	10.08.07	15.08.07			
19	10.08.07	15.08.07			
20					

..... or this

GMAP TRACKER		SALES ORDER LOCATION			
ORDER	DATE	DATE	DATE	DATE	DATE
ORDER 0076	10.08.07	14.08.07	18.08.07	18.08.07	
ORDER 0075	07.08.07				
ORDER 0074	10.08.07	10.08.07	10.08.07	10.08.07	
ORDER 0073	11.08.07	10.08.07			

Making it happen

Neale Cook is an experienced ICT/manufacturing consultant specialising in improving manufacturing systems. A specific skill is integrating manufacturing systems with SAGE Accounts packages.

Chapmans were managing their production planning and scheduling by utilising a number of unrelated and unconnected Microsoft Excel spreadsheets. The whole process was highly labour intensive and inefficient. (continued over)

Key Achievements

- ⇒ Know where every job is in **real time**
- ⇒ easy **job status** reporting to our customers
- ⇒ Know how long a job has **been idle**
- ⇒ quickly **highlight bottlenecks**
- ⇒ Every new job is now planned with confidence knowing **future resource** loading
- ⇒ Significant reduction of **late jobs**
- ⇒ **better planning** and tracking against the original plan
- ⇒ Increase in **customer confidence**
- ⇒ helps increase **order value**
- ⇒ **Improved OTIF** (On time in full) deliveries

Making it happen (Cont'd)

The key information regarding production planning, scheduling, due dates, current operation status etc, are all now integrated and held on a central database which is accessible from remote terminals strategically placed around the factory.

Updating the database could not be simpler. Each job and process operation has a dedicated bar-code which is scanned in by the operator at the remote Terminal.

The information from the Bar-Code scanning process instantly updates the database in real time.

The real time information is utilised to generate a variety of reports. The detail included in the report is tailored to the needs of the user.

Whilst this allows operators to access information regarding the next Job or operation and production planners to access information to help with planning and scheduling, access to reports can be restricted such that commercially sensitive information is not exposed.

Two Options to solve your Production and Scheduling problems

Option One

GMAP TRACKER

- track your sales orders easily
- simply to use
- works directly with Sage
- secure worldwide accessibility.

Find out more...

Option Two

GMAP PLANNER

- plan and track your work from start to finish
- control every stage of production
- make realistic promises
- maintaining customer confidence

Find out more...

Chapmans Ltd Company Profile

Based in Sheffield and benefiting from many years experience in the metalworking and heat treatment industries, Chapmans Ltd is now firmly established as one of the world's leading manufacturers and suppliers of abrasion resistant wear parts for all sectors.

The area Chapmans have always been known for is agricultural but over the years they have begun to specialise in more diverse fields such as "Turf maintenance" "Landscaping" "Mining and Quarrying" "Recycling" "Road Laying" and "Hard facing". A good example of Chapmans products is their new **Armatech Plus** hard face coating which you can read about when you visit the dedicated Armatech Site www.armatech-uk.com

Certified to ISO 9001 and aiming for Total Quality at all levels of production and service, Chapmans is constantly improving methods, systems and employee performance. Chapmans is founded upon quality, standing out in the crowd as market leader in this area. External rejection rate is less than 0.2% and has been falling year on year for the past 5 years. The board is dedicated to achieving zero rejections and fully support the Quality manager and his dedicated team of inspectors work-

MCCR & Associates is one of the fastest growing business advice consultancies in Yorkshire and the East Midlands offering a wide range of business services and support, which bring lasting benefits to our clients.

MCCR is a leading authority of **manufacturing productivity improvement** and is one of only a select number of consultancies to be registered with the Department of Business Enterprise & Regulatory Reform MAS programme. www.mccrassociates.biz

For more information please visit or contact

Contact: Mel Lockett
Tel: 01977 661 118
Email mel@mccrassociates.biz

Contact: Neale Cook
Tel: 01405 813 902
Tel: neale@mccrassociates.biz