



## **MESA UK and Coca Cola Enterprises explore the “Real Time Enterprise”**

**18<sup>th</sup> May in CCE Wakefield**

Summary by Steve Diggines – business leader STICORP - Europe

The quarterly MESA UK working group meeting met at CCE in Wakefield. Our theme for this meeting took its heading from one of the MESA Strategic Initiatives, “The Real-Time Enterprise”, which is one of the foundations of operational management systems and MES. As well as a tour of the CCE site, we also had a presentation from Siemens Congleton who manufacture drives. For those who might wonder what a Drive Manufacturer and Soft Drink Manufacturer have in common, the answer is a desire to gain improved visibility of manufacturing through the “Real Time Enterprise”.

### **Agenda**

Lunch (provided by CCE)	12.15
Intro	13.00
Real Time Enterprise Introduction (John Graydon)	13.10
Case study presentation (Paul Maddox – Siemens Congleton)	13.30
Site Tour	14.00
Coffee	15.30
Real Time Enterprise, round table discussion	15.45
Close	17.30

### **Summary**

Our thanks to John, Colin and Paul for hosting an interesting and thought provoking event summarised below.

### **Introduction – John Graydon MES Consultant - Siemens**

John Graydon kicked off by introducing the concept of the “Real Time Enterprise”. The focus was the capturing and presentation of data in “real time”. John started with questions on the challenges, standards, technology options and approach.

## Case Study Presentation – Paul Maddox IT Development Leader Siemens Congleton Drives

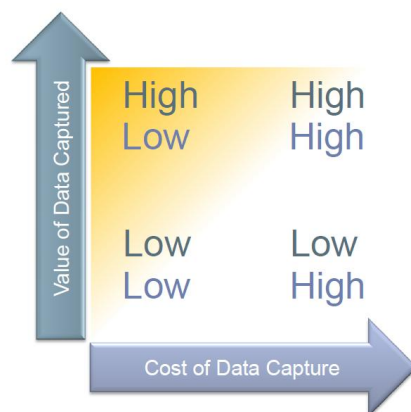
Paul Maddox, IT development team leader from Siemens Congleton Drives talked about their experience in a “real time” enterprise. Paul explained how Siemens have retained their local IT team to support the site’s manufacturing systems because of the value they are able to bring to the complex operation shown below:

Paul started by describing the manufacturing process for Drives:



### *Drives production process*

The in house team have built a suite of applications to provide real time visibility of the complex production process. Key points that Paul highlighted on the approach was the need to assess cost/ benefit on data capture as shown below with the focus being on data that can provide maximum value at minimum cost.



### *Framework for data capture decision making*

The other recommendation was to consider how the data is presented. A large amount of time was spent by the IT team just how best to present the data in the right format for management to make decision or (as shown below), to provide information for operators in a way that can drive or change behaviour.



*Real time performance for operators*

Paul also shared some insight into the future of IT and the need to align the IT strategy with the business strategy. The close relationship between the IT team and the site management makes this essential as shown below.

**Business Strategy**

- Quality
- Profitability
- New Products
- Sustainability
- Continuous Improvement!

**IT Strategy**

- Effective tracking
- Value for money
- Flexibility
- Doing more with less
- Continuous Improvement!

*Aligning business and IT strategy*

## Wakefield Site tour – Colin Sirman – Coca Cola Enterprises

Thanks to Colin and CCE for a superbly organised site tour, which gave an excellent overview of the soft drink manufacturing process as shown below. The CCE Wakefield site is set up as an education centre and our “site-guide” was clearly used to dealing with a range of audiences.



*CCE Wakefield production line*

We also had the opportunity to see CCE’s latest developments in the *Real Time Enterprise* and how they are improving the efficiency and status of the production lines in real time and displaying the information to the operators.

### **Round table discussion - All**

Discussion points included the pro’s and con’s of implementing custom vs. packaged IT solution. Paul explained that their custom applications which have “evolved” have allowed them to build exactly what the business wants, but this came at a cost, as business requirements continued to change. A large amount of the IT time is in supporting these changing requirements which may be easier with a packaged solution.