

# DATASTOR' Automation BYTES



Seasonal Journal of Automation Excellence  
Winter 2011-2012



## Continued Success For The New Year

Datastor systems and our sister companies have high expectations for 2012 continuing on the success of last year. 2011 saw us make many advances including becoming a Rockwell Automation RcSI & preferred UK energy solution partner, development and release of our New Batch Control System Imperium & Group Websites, creation of our new sister company Process Valves & Instrumentation Ltd & substantial building improvements. Last years success can only be attributed to the continued support of our existing and new customer base and dedicated work force. For this we would like to thank everyone involved and look forward to continued success for the future.

### this issue

Review, Reassess & Redouble P.1  
Eastern Europe Installations P.2  
Introducing Imperium P.3  
Latest Industry News P.4

# Eastern European Installations

We continue to support an existing client with the installation of 2 further systems in Eastern Europe

Datastor are pleased to announce the on-going installation of our PC4000 batch control system at 2 facilities in Eastern Europe, the first of which was



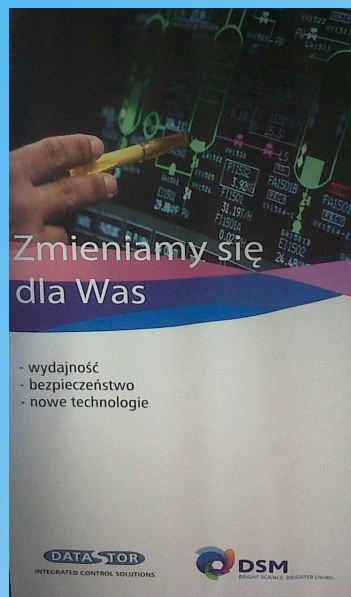
commissioned and went live at a premix plant in Russia towards the middle of last year and the second of which will be commissioned

during the first quarter of 2012 at a premix plant in Poland.

Both of the premix facilities are owned by DSM a long term market leading client of ours who we have worked with for more than 20 Years and support a total of 12 plants in 10 countries all of which utilise our Industrial PC4000 Control System.

The site in Russia is a new facility that was built during 2011 and is now producing feed supplements to be supplied in to the animal feed manufacturing industry.

The system due for completion this year in Poland is an upgrade of a previous generation



Siemens S5 PLC control system supplied several years ago, the new system will provide DSM Poland with improved functionality & visibility of their entire

process coupled with centralised data collection and trending tools allowing informed management decisions.



## Datastor Groups Marketing Department Shine The Spotlight On Phil Gladwell Of AB Agri Ltd.

Phil Gladwell of AB Agri is able to boast 48 years Animal Feed Industry knowledge, which has been obtained at all levels of Feed Mill operations. Beginning work as a plant cleaner for Lancashire Dairy's in Bolton which operated a completely manual blend system manufacturing 300 Tonnes of bagged finished product a week, where he rapidly progressed to the role of Mill Manager. Phil is now the Supply Chain Support Manager of the UK's largest animal feed manufacturer AB Agri, his daily activities include the management of capital projects, training of employees, increasing plant efficiencies and reducing production costs & variances.

During Phil's years in the industry he has experienced many changes and encountered most of the various difficulties with the production of premium quality Animal feeds, the latest of which are things noticeable across most of the UK manufacturing sector such as rising energy & Logistics costs, crowded market sectors and the loss of industry specific skill sets.

Through their long-term partnership with Datastor Systems Ltd, AB Agri are continually developing their plants & processes.

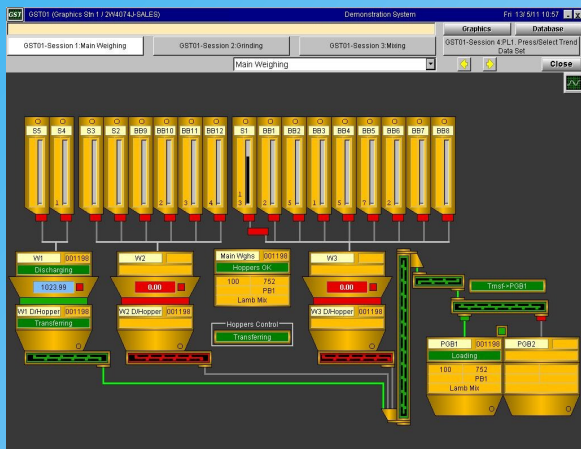
### Phil's Epilogue

In the monogastric sector new challenges come along every day. Increased customer buying power leads to an ever increasing product portfolio which means more changeovers and more downtime and the consequent reductions in efficiencies. This is something that we strive to improve at the same time as providing industry leading customer satisfaction.

# IMPERIUM DATA STOR

## Power To Command & Control

We've always had superior functionality and now we have the Front End to match.



Under our continuous development program our latest Batch control system encompassing a full open SQL Database for data input and retrieval; complimented with an interactive graphical interface has been realised after extensive trialing.

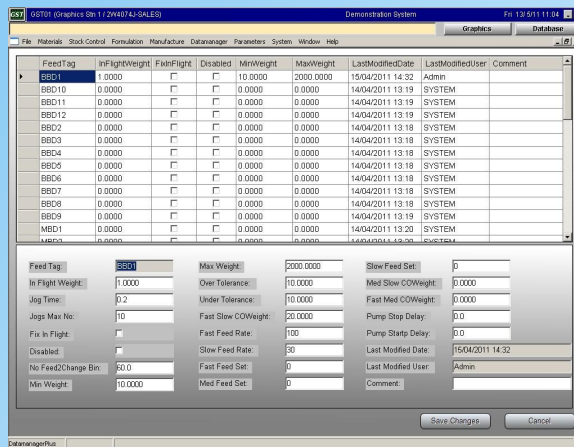
Being in regular contact with our existing client base; whose suggestions on opera-

tor usability and Management data have been at the forefront of the latest developments.

The SQL database enables the potential for clients to generate reports or to interface to latest edition business or ERP system software.

In addition a user configurable trending application is but a click away from all graphical layouts. The trend is able to be of use immediately; as our systems capture and store data via enabling historical trends to be produced at the point of compiling the trend.

Core features pertaining to previous system developments have been retained; building upon the 30 years of industrial application experience, reliability and features our clients have come to expect.



## Take A Closer Look

If you would like a closer look at our latest release then please feel free to contact our specialist sales team on +44 (0) 1260 277025 or via the enquiry form on our website. Also soon to be available on the website is a section dedicated to Imperium where you will be able to see all the functionality available and experience the new user friendly animated graphical user interface first hand via the Navi window, not only can you see the latest system but also a host of other industry leading solutions.

Imperium Installation in Ontario, Canada.

“Jones Feed Mills is a manufacture of agricultural products and will aim to exceed the expectations of our growing number of customers through quality products, based on the latest technology and information”

Jones Feed Mills in Canada have recently taken advantage of our latest generation batch control system Imperium, the system is due to be installed during Q1 of 2012 at the site Ontario.

Better Visualisation & seamless Navigation allows greater Control and Efficiency

The new system will utilise a graphical user interface similar to that shown in the adjacent article to provide the plant operators with direct access to the controllable element of the manufacturing facility via pop up and selection windows allowing control and monitoring of all items & alarm management.

The modifications to formulation & recipe and process parameters are accessible with a single mouse click from the graphics and utilises a simple structure to allow ease of navigation as shown in the adjacent screen shot.



## Next Generation Wireless Barcode Scanning

Cognex Corporation recently announced a new wireless version for its next-generation DataMan® handheld industrial ID scanner, the DataMan 8000 series. The new wireless communication module and base station with Cognex Connect™ capabilities is now available for users with extended range cord free code reading applications. Cognex Connect provides the most flexibility for communicating via Industrial Protocols such as EtherNet/IP, PROFINET, MC Protocol and others in addition to traditional support for USB and RS-232.

**DATASTOR'**

**Automation BYTES**

**ISSUE Winter 2011-2012**

## Latest Industry Headlines

### Inflation pushes business costs to a record high for manufacturers



The UK's small businesses are being hit by increasing costs and risk being squeezed out of their domestic markets, according to insurance firm MORE THAN's quarterly Business Inflation Guide (BIG) that tracks the cost of ...

### A fresh approach to tackling manufacturing's skills gaps



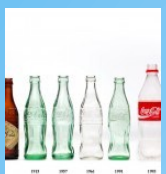
SCALA, a supply chain and logistics consultant, has introduced a scheme called Young Fresh Connection to improve the links between schools and the logistics industry. SCALA developed the programme in response to concerns that the ...

### 2011 in numbers



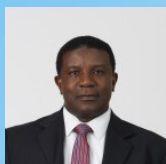
Some headline manufacturing facts and figures for 2011 (year to end-October). Source: EEF 1. Manufacturing accounts for 10% of the economy, has been about 25% of growth since recession 2. Eight consecutive quarters ...

### Coca-Cola Company to develop a bottle 100% made from plants



The Coca-Cola Company announced multimillion pound partnerships with three biotechnology companies as it aims to accelerate the development of its PlantBottle packaging. Agreements with Virent, Gevo and Avantium, companies who all specialise in developing ...

### UK manufacturing: the shape of things to come



Trevor Williams, chief economist at Lloyds Bank Corporate Markets, provides expert analysis of the economic outlook for the UK with specific focus on the manufacturing sector. The UK manufacturing sector has had a difficult autumn. ...

## **Datastor Systems Ltd**

74 Manchester Road  
Congleton, Cheshire  
CW12 2HT  
+44 (0) 1260 277 025 Tel

[www.datastorsystems.com](http://www.datastorsystems.com)

Member Of Datastor Group Holdings