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BizWareDirect
Improving Automation
Through Innovation

Industrial Data
The Latest News in Industrial Automation

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BizWareDirect offers affordable, easy-to-use data-management software that increases efficiency in automated facilities. BizWareDirect's products make data more useful and more accessible to those who need it.

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Welcome!

Industrial Data, a newsletter brought to you by BizWareDirect, is sent on a monthly basis. Its goal is to keep you informed of what is going on in the world of automation, to provide useful tips to make your job easier and to occasionally find humor in the work we do. We hope that you enjoy this newsletter, but if you wish to unsubscribe, please send your request to enewsletter@bizwaredirect.com or simply "reply" to this message. For a printable PDF or text-only version of this issue, or to view archived issues, go to: www.bizwaredirect.com/newsletter.htm.

Happy reading!



News from BizWareDirect

DataNet OPC Improves Production at W.W. Henry Plant

Engineers and managers at the W.W. Henry plant in Dallas, Ga., credit BizWareDirect's DataNet OPC™ software for improving operations and decreasing costs at their adhesives facility. The W.W. Henry Company is the nation's largest manufacturer of flooring adhesives. Tony Holmes, purchasing specialist for the company, says the web-based data display and logging software has saved money, improved production and made the jobs of shipping managers, floor supervisors, production planners and plant managers much easier.

"DataNet OPC has pulled our entire operation together, increasing the accuracy in batch making and raw materials inventory by eliminating 99 percent of the reporting error that was present before," Holmes says.

DataNet OPC eliminates the waste of resources by empowering employees to stay in-sync with operations and giving management unlimited access to important industrial information and readings. Learn more about DataNet OPC and other data-management software at http://www.bizwaredirect.com/all_products.htm.



In the Headlines

Digital Data Recorders Help Satisfy Regulatory Requirements

As the faults of traditional analog chart recorders are being realized in plants across all industrial markets, the convenience, utility and performance of digital data recorders has allowed them to move in and replace once-valued mechanical tools. Managers at the forefront of this sweeping trend agree that information which was once recorded on paper chart recorders is more efficiently gathered, presented and archived electronically via PC-based software packages, web-based software packages or standalone digital recorders. Industrial managers cite the following reasons to make the switch:

1. **Reduced Errors:** Mechanical chart recorders need constant manual calibration and have moving parts which introduce errors due to friction and repetitive strain.
2. **Data Preservation:** Paper data can fade with time, making readings inaccurate.
3. **Improved Storage and Retrieval:** Storing data collected by analog recorders is cumbersome – it involves storing thousands of sheets of paper in folders and warehouses. Retrieval means going through those stacks sheet-by-sheet.
4. **Reduced Maintenance Costs:** The elimination of mechanical parts such as chart drives and pen mechanisms, as well as consumables – charts, pens, ink wheels, etc. – makes digital recorders the more economical solution.
5. **Superior Utility:** Analog chart recorders are limited to the processes which they are directly connected to. They offer little in the way of higher-level analysis, and cannot address ad-hoc analysis.

From "Digital Data Recorders Deliver," By Dan Hebert, Senior Technical Editor, *CONTROL* magazine, April 2005. For the complete story, go to:

<http://www.controlglobal.com/ME2/dirmod.asp?sid=&nm=&type=Publishing&mod=Publications%3A%3AArticle&mid=8F3A7027421841978F18BE895F87F791&tier=4&id=F62F7AD00D4C47A5975BC85E38C06238>

Tools to Reduce Development Costs, Increase Profits

As marketplace competition increases, so does the demand to speed up the time-to-market on new products. Manufacturers should be able to bring a new product from initial conception through final production in about six months, to remain competitive. Time-to-market should be less than six months for those striving to top consumer ranking reports. There are many tangible and intangible tools available to help any size manufacturer in reaching this goal, while trimming costs and increasing profits:

Embrace an Empowering Philosophy: Lean manufacturing principles are based on a philosophy of excellence that includes the elimination of waste while adjusting production flow to meet customer demand. To learn more about lean manufacturing, and how your company can reduce waste while maximizing profits and customer satisfaction, try this helpful duo: *The Lean Manufacturing Pocket Handbook*, by Kenneth Dailey, and *Lean Manufacturing Implementation: A Complete Execution Manual for Any Size Manufacturer*, by Dennis P. Hobbs.

Invest in Tools that Promote Ease and Efficiency: To reduce costs and increase profits, the speed of the entire production process must be revved up, *without* sacrificing any quality assurance. Recent innovations in technology have made this a very practical demand. Off-the-shelf software applications now offer web interfaces and real-time monitoring solutions. These tools have been shown to increase efficiency and cut the time and materials used in association with data recording and reporting. They also reduce inaccuracies often associated with human error and machine malfunction.



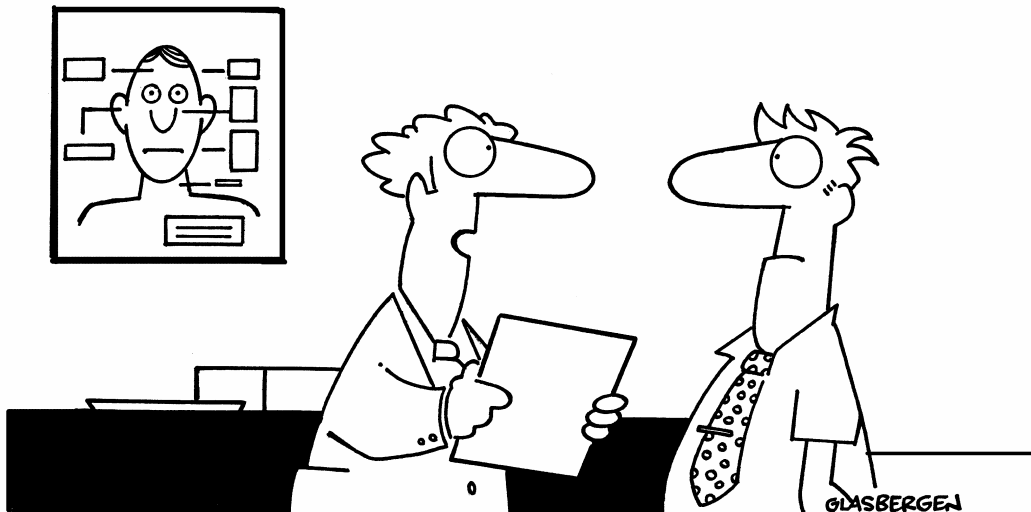
Joey's Tech Tips

Big Files ... Small Floppies

A while ago, I was backing up files from an old computer and found that I could only work with floppies. CD burners and ZIP drives would not work because the computer was just too old. Floppies worked fine for saving small files. The problem was that I had some very important data that had to be saved, and I couldn't fit everything onto one floppy disk. What to do now? Well, a little-known feature of WinZip (www.winzip.com) allows you to easily save big files onto multiple floppies. Here's how to do it:

Start WinZip. Create a new ZIP file on the floppy disk. It will then ask for files to add to the ZIP file. In the dialog window, confirm that the *Multiple Disk Spanning* option is set to either "Automatic" or "Automatic +Wipe Disk First Prompt." Next, add the large file – or add several large files. WinZip will automatically split the big files to be saved onto multiple floppies and treat the floppies as a virtual single disk. To restore the file(s) from the floppies, put the first floppy disk into the drive, start WinZip and open the ZIP file on the disk. WinZip will take care of the rest! Continue until all of your floppies have been opened. *Please keep Joey busy! Send a question to him at enewsletter@bizwaredirect.com.*

On the Lighter Side ...



"Do you have a lot of wireless information passing through your office? You've got 16 gigabytes of digital data clogging your sinuses!"