

# Automation Service News

The Newsletter of Delta Automation Inc.

**Tech Tip!**

Converting a  
484 sequencer to  
a Quantum

**DocStar Document Storage**

Delta Automation  
Becomes a  
DocStar Distributor

Delta's Owner Receives  
Volunteer Award

Delta's Owner  
Recognized

**Important Info!**

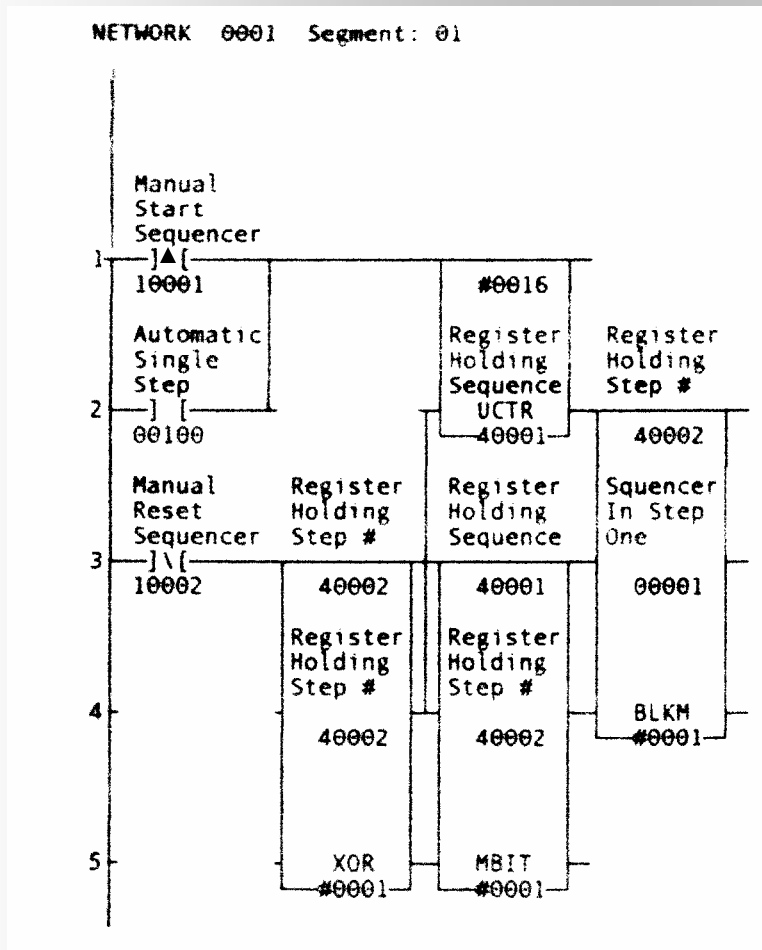
PLC-ANALYZER  
PRO-5  
NEW FEATURES

**Delta Automation Contact Info**

Contact Names, Numbers And E-mail  
Addresses

# Tech Tip!

When converting from a 484 Controller that uses a sequencer, (the 2XXX reference addresses), to a Quantum system it is necessary to build a sequencer in software. The following network can be used as an example and modified to meet the number of steps your application requires.



When 10001 is energized the sequencer goes to step 1. The up counter, 40001 holds the count. Each time 00100 transitions from off to on, the sequencer is advanced one step. When 10002 receives power the sequencer is reset to 0. The XOR function resets register 40002 to 0 every scan, then the MBIT function modifies the bit in 40002 to a 1 as directed by the value in register 40001. The modified result in register 40002 is moved into coils 00001 through 00016. These coils represent the 16 steps of the sequencer.

# DocStar Document Storage

## Delta Automation becomes a *DocSTAR* distributor

Delta Automation, Inc. has partnered with AuthentiDate to offer our customers the electronic document management solutions of *DocSTAR*. *DocSTAR* (which stands for Document Storage and Retrieval) replaces filing cabinets and the cumbersome process of paper filing with the easiest to use document imaging system on the market. Automatic backup of data to an archival DVD-RAM that can be easily copied and stored at a location (or several locations) away from the main office gives our customers the security of knowing that a catastrophic event at the main office will not result in a debilitating loss of files vital to the continued operation of their businesses.

*DocSTAR* provides the industry's fastest, simplest transition to a paperless workplace via easily customizable filing templates that make filing important documents as simple as feeding pages into a scanner, using your mouse to click on the appropriate filing template, and choosing a few key words or phrases by which the document can be retrieved. As simply as that a document is stored in a secure database from which it can be immediately accessed by a folder, keywords, title, number of pages, date of filing, name of filer, or any number of other criteria.

With *DocSTAR*, lost or misfiled documents are a thing of the past. Important files are quickly accessible by simply pointing and clicking, and several employees can make use of the same file at the same time. They can even view files from outside the office, via the Internet. Faxing files (without having to copy them first) or emailing them to customers is a snap. All changes made to an original document are flagged by the system's time stamp. Security classifications can easily be assigned to restrict viewing of specified documents to a specified list of personnel. Space once dedicated to bulky filing cabinets---and the employees once dedicated to filling and emptying them---can be reassigned to more profitable pursuits. And the minds of those charged with the important task of maintaining the company's documents---can be put to rest.

If you're interested in seeing firsthand how *DocSTAR* can put the *flow* back in your workflow---and how that could affect your bottom line---please give us a call. We'll be happy to arrange a free demo at our office, or yours.

## Delta's Owner Receives Volunteer Award

### Delta Automation's Owner receives an Award

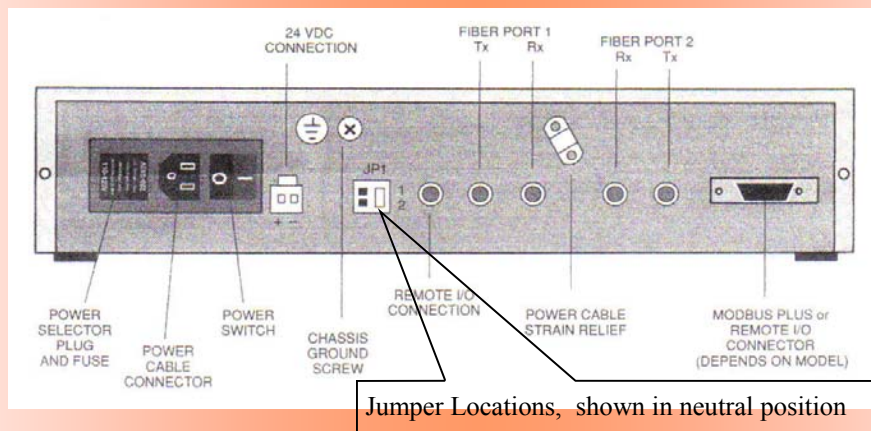
Hanover County's Volunteer of the Year award was presented on Wednesday, May 11, 2005 to Margarete Culley for her outstanding services on the Board of Supervisors as a Library Trustee since 1996. The library director, Fran Freimarck, stated, "During her tenure on the board, the library introduced public access computers and Internet access, installed a new catalog and circulation system, and created two long range plans. Margarete has improved library service in Hanover County by serving as an involved, caring, effective Library Trustee, and we all congratulate her being Hanover County Volunteer of the Year." All of the volunteers and their families enjoyed a picnic at the King's Dominion theme park sponsored by the County in appreciation for the hours of labor the volunteers accomplished what otherwise could have cost the County over a half a million dollars.

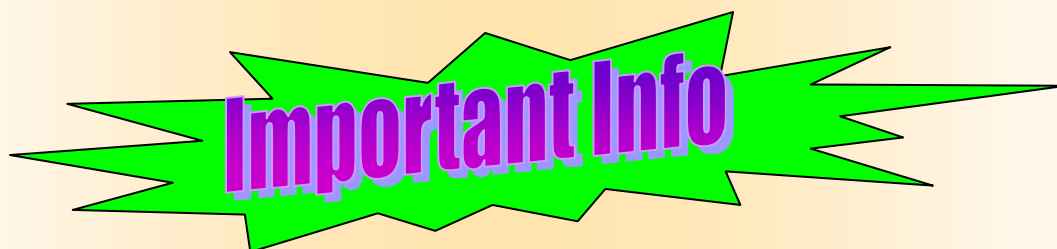


## Fiber Modem Ground Jumpers

### Setting the jumpers on the Modicon remote I/O fiber modems

Remember when setting the jumpers, J1 and J2 on the Modicon remote I/O fiber modem, 490NRP, the unit at the far end of the fiber cable should have the jumper set across J2 so that the remote I/O coaxial cable shield is connected directly to ground. The unit at the head-end should have the jumper set across J1 so that the remote I/O cable is isolated from ground by a capacitor and will not produce ground loops that could interfere with communications.





### PLC ANALYZER PRO-5 NEW FEATURES

Autem has a new release of its' PLC Analyzer software.

This new release has many enhancements over the PRO-4 version.

Some of these features/enhancements are listed briefly below.

- Project management: Project utilities simplified and streamlined
- Trigger: Drag and Drop plus email alarms!
- Scaling of Signals: additional bases for time and representation
- Export/Import: Additional formats, JPEG, GIF, html, etc.
- Online Window: Easier viewing and interpretation of signals
- Online selection: Drag and Drop, plus height, position and color variables
- Pseudo signals: used to show examples or standards to make comparisons
- PLC-driver: Ability to enter comments on driver settings

All of these new features make an already great package even easier to utilize and implement.

Call Vann Barden for more information on purchasing or upgrading to PLC PRO-5.



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#### For after hours

#### Emergency Service or Parts

Call our main number 888-723-3582 or pagers 1-888-969-1308 &/or 1-888-586-3952

Extension 55

Leave a message and someone will respond within fifteen minutes to answer your call.

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

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