

Ideas for Articles of Interest?

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<u>Controller</u>

LOGIC Technologies, Inc. Publication

New Product: 3G Wireless Modem

by Russ Nagel

Logic Technologies, Inc. is proud to announce a new, more reliable method for customers to get timecritical technical support. This can be especially important when product is on the line and time is critical. Analog phone lines are becoming less common, and can be quite troublesome. In some locations, they just don't work at all. When we are able to connect to your control system, it is almost as good as having one of our engineers standing there with you in front of the panel.

Our new wireless 3G modem gives you the security of a reliable connection. In addition to a reliable connection, there are other advantages:

Alarm emails and texts can be sent independent of the company IT network.

Access to your control system through the internet.

Your laptop or smart phone can be used for internet-based connections.

The hardware is available for a moderate price, and the monthly internet service is comparable to a land line.

Volume 12, Issue 1

Configure ECON to Record Alarm Acknowledgements from a Remote Computer.

by Russ Nagel

This article describes how to configure ECON to record which operator acknowledges an alarm from the remote computer. Everyone is familiar with the flashing alarm light icon and the Acknowledge box that shows up on the screen of a remote computer. The operator will acknowledge the alarm and the signal server will record who acknowledged the alarm as the user 'root'.

Unfortunately, 'root' doesn't tell us who actually acknowledged the alarm. Root is simply the generic ECON logon that is used by most facilities. ECON can be configured to look at the list of users on the signal server before anyone is allowed to logon to ECON. Configured in this way, when an operator acknowledges an alarm from the remote computer, the signal server will record who is logged on to the ECON computer as the person that acknowledged the alarm. This way, if there is a serious incident, we know who acknowledged an important alarm. Open ECON and select 'Server' in the upper left hand corner.
 Move the mouse downward and select 'Master Information'. Select the Database tab. Fig. 1 Server'. The IP address that goes here is the IP address of the signal server. This is typically the same IP address as the 'Default Server IP Address'.

below	below		
Master Setup Information			
General Database Email	Web Services IP Servers Names Services Forwarding Display P		
Digital Database 🕒	Analog Database 🗅 Register Database 🕒		
Size 800 VLoca	Size 230 V Local Size 0 V Local		
Use Scan Control	Use Local Formulas		
Master DB: CONTROL	Archive Interval 15 Mins. Close On Sun 💌		
(SQL)	Analog 2048 Bytes 2048 Recomended		
Archives 🗌 Activate SQL I	.ogging Digital 3584 Bytes 3584 Recomended		
	Default Server IP Address 🛛 User Names Server		
Use Remote UDP Server(s) 10.0.1.50 🖌 📷 10.0.1.50 🗸		
✓ OK X Cancel			
Fig. 1			

keys on the keyboard to right tab over to the 'Operations Flags' tab. **Fig 2.**

4.Set your check boxes to match the check boxes below shown in the upper section of the left most column. These are the check boxes starting at 'Auto Logoff' to 'Enable Fast Logoff'. **5**.Enter the number of minutes to allow the current operator to remain logged on with no activity. Once the checked boxes have been activated, select OK. 6. Go to 'Server' in the upper left hand corner of the screen. 7. Move the mouse downward to 'Console View', then 'open'. 8. While at the console select screen, highlight your login option and select the 'Edit' button in the lower right hand corner. 9. Make sure 'Use Master Logon

F	Location Description Lab	
the Database tab there is a drop down field called 'User Names	Setup Information' screen, use the left and right arrow	Use Master Logon Information Der Name Password root
Master Setup Information Forwarding Display Printing Signals Paths ✓ Auto Logoff Mins. Bypass Home Screen 20 Save C ✓ Close Consoles Save C ✓ Logoff On Console Close Hide To ✓ Require Startup Logon Hide Ta ✓ Force User Logon Ignore Enable Fast Logoff Use Ho △ Autostart Selected Drivers ✓ Monito △ Autostart Applications ✓ Send C △ Autostart NET× Inhibit △ Autostart TELCO Alarms Auto R	Graphics Operations Flags Advanced Setting Graphic Library Load Automatic Shutdown ionsole Alarms After 0 Mins. ionsole Messages sols With Graphics skBar DCD While Dialing me Directory Console Bitmaps Narm Notification r Network Broadcasts ionsole Keep-Alive Messages Spool Files After Printing Shutdown Verification estart After Exceptions	Fig. 3 Information' is checked. Fig. 3 Now it will be necessary to logon to ECON again. 10. Go up to 'Server' and mov the mouse downward to 'Login Your login will look similar to this. Fig 4.
F	ïg. 2	

User Logon		
User Number	8	🔽 Save ID
User Name	russ	
Password	I	
💌 Sele	ect Global	Account
🗸 Logor	1	🗶 Logoff



Your login may User Number 10 root, and Passw 11. Uncheck 'Sa 'Select Global A

The operator sh logon informatio to the signal ser level of permiss server also affe on ECON.

Common Ac Important D by Russ Nagel

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CFR

Below is a list of refrigeration rela thought it would create a list of s common than o list is available b

Save ID	40CFR68	Management Plan Standard 40 CFR Part 68	ARTG	Refrigeration Training Guideline
	АА	Anhydrous Ammonia	BD	Piping Identification for Booster Discharge Line
ig. 4	ACC	Accumulator		RETA Certification:
use the following: <u>000</u> , User Name rord <u>*******</u> . ave ID' and Check .ccount'. ould now use the n they use to logon ver. NOTE: The	ANSI	American National Standards Institute	CARO	Certified Assistant Refrigeration Operator
	ANSI/ASHR AE Standard 15	Safety Code for Mechanical Refrigeration	CIRO	RETA Certification: Certified Industrial Refrigeration
cts the permissions	ANSI/IIAR 3	2005 Ammonia Refrigeration Valves		Piping Identification for
f industrial ated acronyms and be a good idea to come that are more thers. This entire by email request.		Instrumentation	CD	Condensate Drain or Condenser Drain Line
	5-1984	Identification	CPR	Vessel Identifier for Controller Pressure Receiver
	ANSI/NFPA 70	National Electric Code	DC	Piping Identification for Defrost
10,000 PPM		IIAR's Ammonia Refrigeration		Condensate Line
OSHA's Process Safety Management Standard. Code of Federal Regulation	ARM	Management Program was developed to assist smaller facilities under 10,000lbs of ammonia	EQ	Piping Identification for Equalizer Line
			ES	Piping Identification for Economizer Suction Line

EPA's Risk

Management Plan

IIAR's Ammonia Refrigeration

HTRS	Piping Identification for High Temperature Recirculating	Training Info & Schedule Operator Level Sessions This class session provides in-depth coverage of the use of our system to	These classes are conducted by senior members of our engineering staff. Prior technical expertise is a pre-requisite for this
HTS	Piping Identification for High Temperature Suction Line	maintain the daily operations of a refrigerated facility. The class is conducted by Gordon Simpson who has many years of experience desigining refrigeration control systems. In effect, the classes are taught in layman's terms by someone who fully understands the issues faced by	Course. Wed, April 11 thru Friday, April 13
LSD	Piping Identification for Low Stage Discharge	refrigeration operators. Wednesday, May 9 thru Friday, May 11 Wednesday, June 13 thru Friday, June	Training Enrollment Operator training sessions are \$450 per person and advanced training sessions are \$750 per person. We provide lunch for each class day; however, all other travel expenses are your responsibility.
LSS	Piping Identification for Low Stage Suction Line	Advanced SST Sessions This class session provides in- depth coverage of the screen and report	Seating is limited so make your reservations early by contacting Kim Smith or Cindy Gaffney @ 770-389-4964
		development tools provided by our system. These classes also briefly cover the script language used to develop control algorithms.	

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