

volume I, issue I

march 2005



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introduction

# ASCONcorporation

Ascon Corporation is the newest addition to the US industrial controls market. Incorporated in October of 2004, Ascon Corporation is the offspring of the well-established Italian manufacturing company, Ascon spa. Founded in 1969 and still privately held, Ascon spa is also the parent of several other industrial companies.

Ascon Corporation plans to make an impact on the US controls market by focusing on OEM companies and a well supported system of qualified and authorized exclusive stocking distributors.

Ascon Corporation is headquartered in the suburban Chicago area, in Batavia, Illinois. Company President Steve Rakers has a long history in the industrial controls industry and is well known by customers for comprehensive customer support, technical service and application knowledge.

“Customer support and service are the key elements to building successful business relationships,” said Rakers, “Ascon Corporation will strive to create a helpful environment for our customers as well as providing excellent products at competitive prices.”

For more information about Ascon Corporation or Ascon spa, log on to our website at [www.asconcorp.com](http://www.asconcorp.com).

product overview

## everything under control



Ascon is a complete offering industrial controls manufacturer. In addition to designing and manufacturing a full range of panel mount controllers from 1/32 DIN to 1/4 DIN, Ascon also manufactures full function multi-loop process controllers. Our offering goes further with a complete range of DIN rail mount controllers, SCADA software, sensors, actuators, recorders, power controllers, transmitters and data acquisition and I/O modules. You will find a brief description of all products inside this newsletter.

## everything under control

One of Ascon's latest achievements, the **GammaDue®** series of universal controllers, programmers and indicators, continues the company's success in designing, manufacturing and distributing powerful, reliable, and easy to use panel mount controllers.

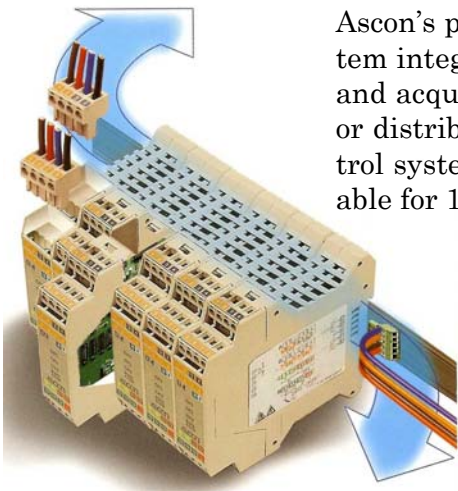
**GammaDue®** features include:

- Sizes from 1/32, 1/16, 1/8, and 1/4 DIN
- Easy to use PC configuration software (Controller Explorer)
- Accurate operation with universal inputs and outputs
- High visibility displays with easy to understand color beacons
- Configurable alarms (high, low, band, latching, blocking, . . .)
- 3 year warranty, CE Marked and UL/cUL Approved



**GammaDue® Product line**

- Auto/Manual operation from front panel, over comms, or from digital input
- Short lead times with most units in stock



**DeltaDue® Product line**

Ascon's process control experience and the market's increasing need for control system integration have led to the development of the new **DeltaDue®** series of control and acquisition modules. Each module can operate independently as a stand-alone or distributed controller, as a set of coordinated modules as part of a complete control system, or integrated in as part of PLC and/or PC system. **DeltaDue®** is suitable for 1 loop to 32 loops, and either with or without an operator panel.

**DeltaDue®** features include:

- Compact DIN Rail design with a common internal power bus (24V ac/dc) and communications bus (Modbus or CanBus)
- Universal inputs, multiple outputs, timer functions, auto tuning, and accurate, easy to use operation, 3 year warranty and CE/UL/cUL
- Auxiliary power supply for 2-wire transmitters and CT input options
- Hot-swapping without affecting other modules, loops or cabling
- Easy to use PC configuration software (Controller Explorer)
- Complete module backups & Fieldbus Gateway with optional DX module

If you are looking for a **complete** modular "blind" system that offers PID or On/Off control loops or data acquisition modules with programmable alarm functions and the other advanced features listed above, then the **DeltaDue®** is the right product for your process. Ascon has experience in a wide variety of applications and can offer our expertise to your process problems. With the **DeltaDue®** is a range of auto configuring operator panels.



Ascon also has a complete line of critical control components to accompany our precision controllers. We offer the R actuators are available with several input options, slidewire feedback values, limit switches, power options, torque value ranges, 16 amp to 500 amp and in single and three phase models. We offer larger units upon request. We also offer assemblies and combustion control systems (please contact us for specific requests and pricing). Warranty on these items

## everything under control

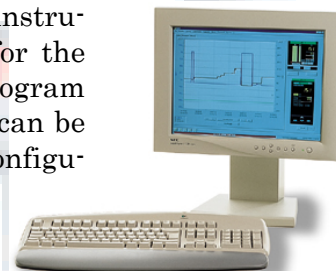


**AC STATION® Product Line**

Ascon recognizes that control and automation in the process and manufacturing industry demands increasing flexibility and a high level of integration and control functions while providing a functional and friendly user interface. The **AC-STATION** controllers represent the single most innovative and effective solution to these demands. Consisting of 4 unique models (AC10, AC15, AC20, and AC30) the **ACSTATION** features include:

- Up to 4 self-tuning loops with 12 resident and selectable preprogrammed control strategies
- Superior PID control with extensive internal hardware options, as well as expansion units for increased analog and digital functions
- Internal real time clock and programmer sequence functions
- Modbus/JBus communications as well as a Peer-to-Peer LAN
- Freely configurable and complex mathematical functions
- Logic and Sequencing, Timers, Counters, Comparators, Selectors, Alarm Functions, Input Conditioning, and much more
- Designed in accordance with IEC and EN Standards. CE Listed and UL/cUL Approved
- Programmed with Ascon AC ProGraph graphical function block configuration software

Ascon offers several advanced yet easy to use software programs that provide instrument configuration and supervisory functions. The configuration software for the **GammaDue®** and **DeltaDue®** products is called **Controller Explorer**. This program is low cost and very easy to use. Products with and without communications can be configured with the **Controller Explorer** software, allowing the user to save configurations and parameters to disk for later retrieval, editing, loading or printing.



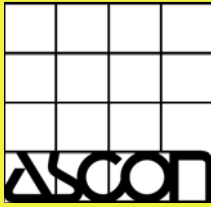
Ascon offers two very capable supervisory software packages. The first is **SpecView** which is already familiar to most control engineers. Ascon's in-house developed Supervisory software is **AutoLink**. Both programs auto detect connected Ascon products and build basic but very functional operator screens. More detailed screens can easily be prepared to suit the machine requirements and customer preferences.



X and RZ Series of paper and paperless recorders in the popular 100 and 200 mm sizes. Our SER Series of motorized valves and stroke times. Our TH Series of SCR power controllers are available as standard offering in 115 volt to 500 volt wide range of mechanical and pneumatic valves and assemblies, pressure transmitters, solid state relays, thermocouple assemblies vary by product line but are generally a minimum of one year.

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everything under control

DID YOU KNOW

for a limited time,  
orders over \$750  
qualify for an  
exclusive  
"everything under  
control"  
ASCONcorporation  
T-shirt.  
be sure to indicate  
your size when ordering

828202 AC

personal profiles

## Steve Rakers, President, ASCONcorporation

Ascon Corporation President Steve Rakers is no stranger to the Controls and Instrumentation Industry. He began his career with Barber-Colman Company of Rockford, Illinois, in 1988. As a Regional Sales Manager in the Chicago area, Steve quickly found his niche in the electronics field. Six years in the submarine service of the US Navy had exposed Steve to the wide variety of electronic control components necessary to keep one of these highly specialized submersible cities operating. Funneling this interest in technology into a civilian field was a logical choice, and his commitment to service proved to be an asset to his customers.



Steve Rakers

Following two years of success with Barber-Colman, Steve moved his expertise over to Eurotherm Corporation, headquartered in Reston, Virginia. He worked at various levels of the organization until the fall of 2002, when he left the controls and instrumentation industry for a position with a materials handling firm. Establishing Ascon Corporation in the fall of 2004 brought Steve back to the industry he feels he belongs in.

A devoted family man, Steve lives in Batavia, Illinois with his wife, Chris, and their three children. Preparing to send oldest daughter, Nicole, off to college in the fall, and his volunteer position with the Batavia Youth Baseball organization are some of the ways Steve spends his free time. He can also be seen biking the Fox River Trail or fishing at the neighborhood pond with daughter Jackie and son Ben. He and Ben also enjoy working together on various woodworking projects. One of Steve's other interests reflects his interest in computers and the Internet. Several years ago Steve established a web site that he continues to maintain. The focus of the web site is one of the submarines that Steve served aboard. The site has become a valuable tool for former shipmates who want to keep in touch.

what's in a name?

## the history of "Ascon"

Getting to know us is what this newsletter is all about. Ascon Corporation is all about exceptional customer support and service, but that still doesn't answer the question, "What does 'Ascon' mean?"

For the definitive answer we went straight to the source and asked longtime Ascon export supervisor Luciano Baccarini what was behind the name:

The Ascon name is derived from the Italian, **A**sservimenti e **C**ontrolli, which means, literally, to influence and control. The name was selected by the founders of Ascon to represent the company's focus. Founded in Milan, Italy in 1969, the company has become a well respected manufacturer of control, instrumentation and automation components for the Process and Manufacturing Industries with an international system of direct sales centers, distributors and system integrators.

Listening to the needs of the customer and passing on this information to a specialized and creative research and development team assures customers of serviceable and appropriate products and support. A state-of-the art manufacturing facility assures a range of products that are technologically superior and of the highest quality. Ascon's Customer service and Support Center assures support for the correct use and application of the entire family of products.