



NCS

NET Concentrator System from Moore Industries

RKI Corporation, through its Industrial Automation Consulting and Design Division, can provide customers and end users complete design and development services using the latest technologies. Our highly trained personnel are experienced with designing and specifying the new Moore Industries NCS in an endless variety of applications, from pharmaceutical to petrochemical industries.

We can provide you the ability to specify, design, and install the NCS in your customer's projects. In addition, we can program and configure any of the associated I/O and communications modules to support your project needs. The NCS is programmed using ISAGraf. This software, developed by the people at Altersys, gives the NCS extensive process control abilities, which includes such features as PID, ladder logic, structured text, sequential flow chart, and function block programming. The flexibility and versatility provided through this program makes the NCS a cost effective alternative compared to expensive DCS, PLC, and smart I/O systems.

In addition to the cost savings, the NCS also provides industry leading performance and the highest input and output I/O channel resolution of any comparable product on the market. With greater than 20-bit analog and temperature input resolution and 18-bit analog output resolution, the NCS becomes the perfect solution for customers requiring the highest possible performance from their control systems in such demanding industries as semiconductor, pharmaceutical, and petrochemical.

By combining the NCS with such advanced networking technologies as dial up servers, fiber optic interfaces, and radio (wireless) frequency systems, we can develop the NCS for use in almost any application to fit your customer's needs. With +85°C and -40°C maximum operating temperature specs, coupled with its



built in resistance to RF and EMI, the NCS can perform in almost any possible operating environment from extreme desert heat or freezing temperatures found in arctic and refrigeration facilities, to

noisy, high RF and EMI locations such as power generation plants, airports, and radio signal towers.

Working with IACD, you can be confident that the systems we specify and design will work to your exact product specifications. IACD maximizes product capabilities (such as the NCS) helping you increase your product/ service offerings dramatically. We invite you to contact us today to discuss your specific needs.

At a Glance...

- 20-bit input resolution
- 10/100Base-T Ethernet or MODBUS (RS-485) communications
- OPC Server Available
- Advanced math functions, PID control, and data logging
- Rugged design protects against harsh conditions

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