

provides also standard interfaces like SQL, OPC, etc. to all the major industrial control systems.

What is Si-Tecno?

Si-Tecno is a design house well known to it's customers for 20 years of innovative high quality designs. We have gained plenty of experience and knowledge in design work ranging from telecom integrated circuit design to embedded control and measurement systems design. We have worked on designs for applications in numerous industrial areas. Our designs are based on the latest technologies available.

During the past couple of years, in addition to our design consultancy, we have also worked to create our own easy-to-use module family for industrial and building automation.

What does our module family do?

To interface to the control I/O points in the application field we provide to our customers easy-to-setup modules for data collection and control. We already have a very comprehensive general purpose set of modules and our aim is to add new modules based on customer needs.

Along with these modules we offer an easy-to-use and cost-effective network controller to communicate with the distributed interface modules. The communication is based on the Linet network technology. Our customers can use this simple and easy-to-install network to efficiently build up their own applications. The system easily scales from small systems with only dozens of control points to large systems with thousands of control points.

Our controllers provide excellent connections like ethernet, SMS and GPRS to higher level control systems. Most logical place for sophisticated graphical user interface is in the host system computer. For that we provide a direct interface to Control Microsystems ClearScada server software to operate as a control panel to our system. We also provide ClearScada drag-and-drop templates to all our interface modules. The user interface can be a local one or it can be operated remotely through Internet. The ClearScada software

What have we achieved?

Our customers have been able to realize most sophisticated data collection and control solutions using our module family. They have used our products to create themselves new business areas in which they have become very competitive in a short time. Due to the system being so easy to install, configure and use, only very limited extra training is required. Therefore, our customers can serve their own customers' demanding automation needs with very light organizations.

What are we offering?

We offer our customers the possibility to test their product ideas in the field within a few months after the product idea originated - with the help of our ready made modules and our technical support.

We help our customers to build up a cost effective product solutions which are tailored to our customers' specifications and needs.

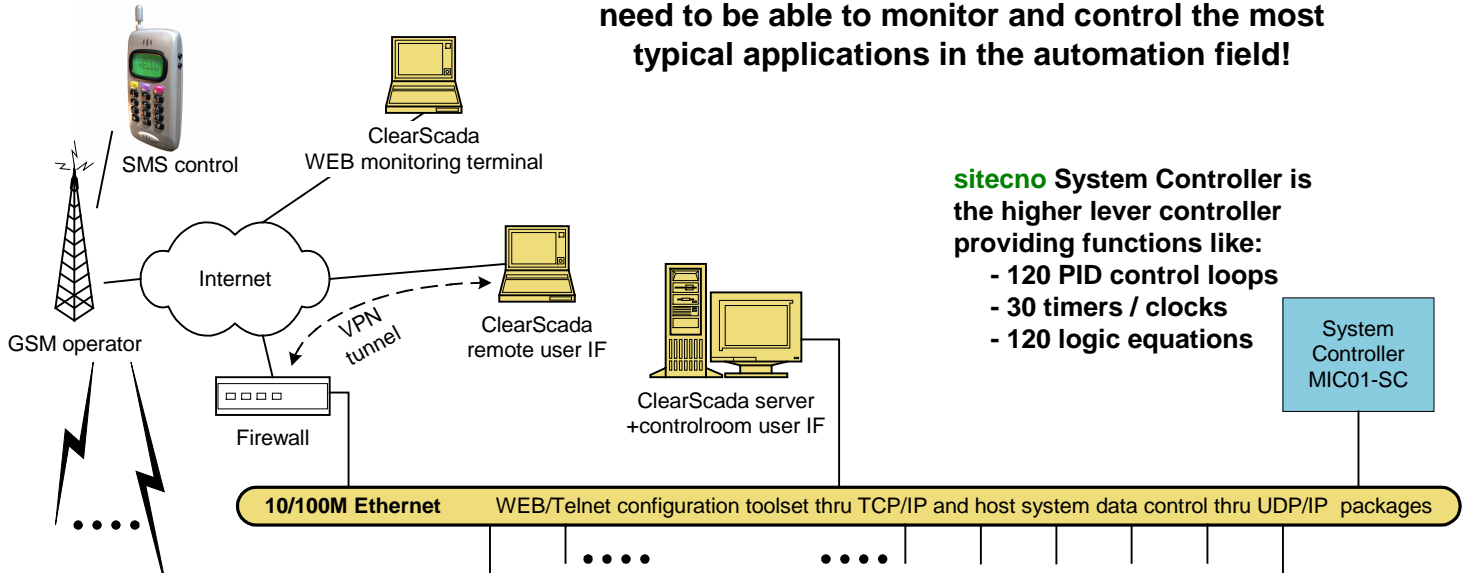
We will continue to help our customers to further develop the products and optimize the overall cost structures as the production volumes increase.

To our design service customers we continue to offer best possible service in the following areas:

- embedded HW & SW desing
- telecomm test systems
- digital and mixed signal ASICs and FPGAs
- wired, RF and GSM/GPRS networks
- precision analog I/O
- power supplies and power drivers
- telemetry systems
- Exi/ATEX hazardous areas
- intelligent industrial sensors
- Ethernet 10/100/1000 and PoE interfaces
- X-ray based measuring instruments
- motor and hydraulics control electronics
- etc.

sitecno modular automation system

sitecno system building blocks give you what you need to be able to monitor and control the most typical applications in the automation field!



sitecno System Controller is the higher lever controller providing functions like:

- 120 PID control loops
- 30 timers / clocks
- 120 logic equations

System Controller MIC01-SC

MIC01-CLR controller +GSM/GPRS

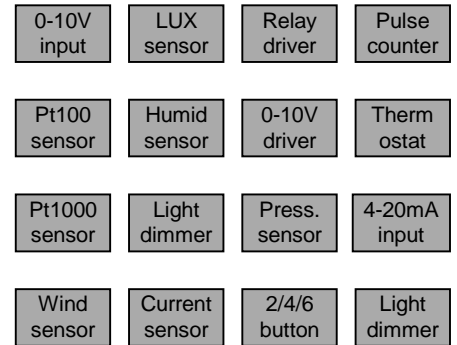
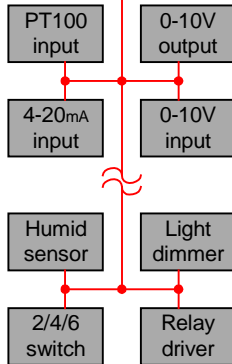
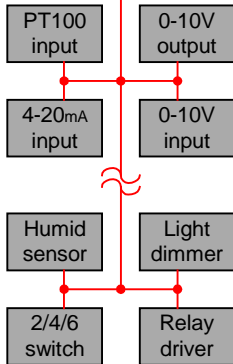
MIC01-CL controller

sitecno Multi Interface Controller (MIC) is the gateway between easy to use Linet and Ethernet networks. It also provides low level control functions like lighting control, SMS messages, GPRS datatransmission, etc.

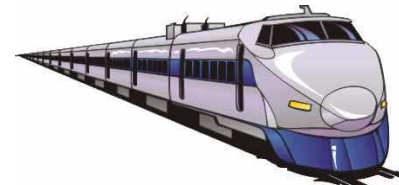
MIC01-CL controller

LINET :
200 nodes
1000m CAT6

LINET :
200 nodes
1000m CAT6



sitecno interface modules give you the means to interface to most of the typical applications in the automation field!



Level 1.
Field interface modules

Level 2.
Data packing and transport

Level 3.
Embedded system control

Level 4.
Controlroom, user interface, database, reporting