SIONADD
Technologies

Sionadd Technologies is a one-stop hardware and software solutions leader in the programmable remote power management industry. We have pioneered a leadership role in incorporating environmental detection and monitoring, instrument control, data acquisition, network management, power management, uncompromised security and full programmability into our Programmable Remote Power Controller.

P2800
Series Remote Power Controller

PROGRAMMABLE
REMOTE POWER CONTROLLER

Get ready to view power management in a whole new light.

The PRPC (Programmable Remote Power Controller) is a power switch that's fully programmable. With it, you can control and monitor the distribution and quality of power to devices or processes. Your PRPC can act as a data pass-thru console or as a controller to any instrument attached to any of it's communication ports. It also has built-in environmental sensors whose data can be displayed in real-time charts, waveforms, graphs and historical reports.

The PRPC is ideal for any environment. Its real-time clock and built-in memory allows the execution of commands with extreme accuracy and with no memory loss during power outages. The PRPC's built-in Power-up/Down sequencing allows your processes to start and end in the order you have designed, without electrically damaging your equipment. It can also notify you of any event via audible alarms, real-time graphs and charts, over your network, email, phone or even the Internet. Simply put, the PRPC is designed to accommodate all of your power, communication and data acquisition needs, in addition to providing you years of service. The PRPC's key features are:

- ☑ **Full Programmability**
- ☑ **Manage Your Power Worldwide**
- ☑ **CAN Network Ready**
- ☑ **Control Instruments Attached to It**
- ☑ **Fulfill 21 CFR Part 11 Regulations**
- ☑ **Built-In Modem**
- ☑ **Built-In, Real-Time Environmental Monitoring**
- ☑ **Supports ARP, UDP/IP, TCP/IP, Telnet, ICMP, SNMP, DHCP, BOOTP, TFTP, Auto IP, and HTTP**
- ☑ **Hosted by any platform: Unix, Windows98, Windows Vista, Window2000, WindowsXP, Linux, MAC OSX, etc.**
- ☑ **View Your Data in Charts, Waveforms, Graphs and Historical Reports**

PROGRAMMABLE
REMOTE POWER CONTROLLER

You've Got the Power!

Sionadd Technologies is the leader in providing fully programmable solutions in the power management industry. Sionadd's Programmable Remote Power Controller can sense and monitor the environment and respond to your every command, even without you being there. It can remotely secure, acquire, send and analyze data at all levels of your enterprise. The PRPC gives you the power to execute an infinite number of commands anytime and anywhere.

You can program your PRPC to prioritize powering up or down any circuit for a combination of conditions such as: humidity, temperature, light current, voltage, power or time.   For example: you can program it to power up circuits (1-4) and start acquiring data from four instruments attached to the corresponding RS232 ports when these three conditions are met: temperature reaches 40°c, humidity 70 percent at 3 a.m. in the morning.
If your I.T. infrastructure goes down, program it to communicate by phone as a backup plan.

Each PRPC can be remotely activated by Ethernet, CAN, RS232, or by phone. It is externally or internally activated by time, temperature, light, humidity, current, voltage, power or by some internal event. With it's unmatched versatility, you can program your PRPC from the PS2 console, using RS232, over the network (CAN, Ethernet), by phone, webpage or a PC from any place in the world.

Power Controller Software

Even though your PRPC can be hosted by literally any platform and a plethora of protocols, the Power Controller Software will take the performance of the PRPC to a whole new level. Power Controller Software is a Windows 2000/XP/Vista application with 128 bit encryption. It comes with each Programmable Remote Power Controller. It has 21 CFR part 11 requirements built-in and can be activated as an option. "Power Control Software" gives users the power to:

- ☑ **Enable 21 CFR Part 11 government requirements. Track users' activities down to the second.**

- ☑ **Establish enterprise level security and control access for multiple users**

- ☑ **Display alerts, notifications, limit violations for every PRPC on your subnet**

- ☑ **Build logical or functional displays of every device on your subnet.**

- ☑ **Allow graphical control and operation of any PRPC by route of RS232, Ethernet, Internet, webpage, or modem.**

- ☑ **Create charts, waveforms and graphs of temperature, humidity, light, RMS: voltage, current, voltage and power in real-time over any specified time interval.**

- ☑ **Act as a bridge by sending any binary or ASCII commands through the PRPC communication ports to control any instruments attached to it.**

- ☑ **Control thousands of devices to accommodate locations of various sizes anywhere on the globe. Identify each outlet with circuit number and every console with an, IP address, department, etc.**

The most interactive software

Power Controller Software is an easy to use drop-and-drag, point-and-click application. With it, you can choose to view your data in charts, waveforms, graphs or historical reports. Variations in light, temperature, voltage, current, and humidity can be analyzed 24 hours a day with unquestionable reliability. Events, that may trigger audio and visual alarms can likewise be captured and viewed in real-time. Even from your desktop, Power Controller Software can effectively determine how many devices are attached to your network and if they are fully operational. It will aid you to:

- View Multiple Sites
- Determine energy usage and detect faulty devices
- View historical data to avoid future events
- Determine energy cost
- Evaluate energy quality globally
- Schedule maintenance more efficiently
- Monitor reliability of breakers, relays and circuits

P2800 Series Power Controller

Need control over your newtork? The PRPC has that too!

Your "Power Controller Software" gives network administrators the power to control and peer into remote network computers and other devices. Connect the remote computer or device to your PRPC then go to your office computer and open up the power controller software. Once open, the PRPC ports (CAN, Ethernet, RS232 and Modem) at the remote station will immediately become available to your office computer. Minimize the Power Controller software in your office and from the same computer launch another communications program. Your PRPC at the remote site will immediately give PRPC port access to your communications program. You can now access any instrumentation attached to your PRPC. You can immediately start acquiring data or you can control the device as if it were in your office. It'll work for any software package on literally any platform for any instrument.

Your "Power Controller Software" will host an unlimited number of groups (servers, instruments and/or devices) for control, monitoring or notification for a rack, row, room, location, department or any other subset, anywhere on the globe.

More for Less

Today's power management and switching manufacturers provide modular solutions to companies with specific switching and power management needs. For example if you needed power management you'd buy a power management module. If you needed dail-up you'd buy a separate modem module. If you needed remote software you'd by that separately also. Try troubleshooting 7 modules for one circuit it's a nightmare. Or have you ever considered how much your company is paying for servicing and validating hundreds of modules. What an upsell!

Sionadd has combined switching, environmental monitoring, full programmability and power management into one device. We empower our users with our Windows2000/XP based "Power Controller Software" (comes standard with every device). It creates unlimited possibilities, without the upsell. The cost of one PRPC is a fraction of the price of seven modules and you'll save thousands more in instrument servicing, space allocation, cables, etc. The PRPC has the best of all worlds. It has Full programmability, superior switching and power management already built-in. When combined with the "Power Controller Software" you get regulatory controls, security, and statistical charting and graphing features and more. The PRPC stands a cut above the rest.

Learn more about the Programmable Remote Power Controller at ww.sionadd.com

PROGRAMMABLE
REMOTE POWER CONTROLLER

More Power, More Versatility, More Control.

Features	SIONADD Technologies	Competition
Fully Programmable	✓	☐
(Controller Area Network) CAN	✓	☐
World Wide Remote Access	✓	**limited**
Actuate and Control Instruments	✓	☐
Audit Trails	✓	☐
Time Stamps	✓	☐
128 Bit Encryption	✓	✓
Two Password Supervisory levels	✓	✓
Real Time Data Acquisition	✓	**limited**
Built in Modem	✓	**limited**
Platform: Win UNIX, Linux, MAC, OSX,	✓	☐
Environmental detection (Light, current, Voltage, Temperature, Humidity)	✓	☐
Charts, Graphs	✓	☐
Built in Memory	✓	☐
Real-Time Clock	✓	☐

SIONADD
Technologies

272 Elm Court North Wales, PA 19454
phone: 215.699.8592
www.sionadd.com