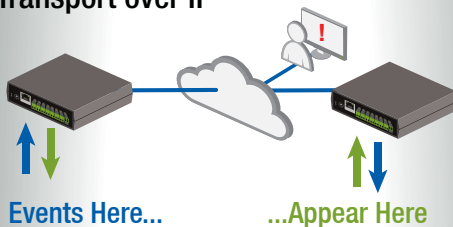# dataprobe

Making Every Network More Reliable

Get contact closures, alarm points and GPIO events from where you have them, to where you need them. Control and manage digital inputs and relay outputs with simple web pages or sophisticated management systems. Bring legacy systems into the network environment.

Ideal For:

- Access Control
- Security Alerts
- Industrial Control
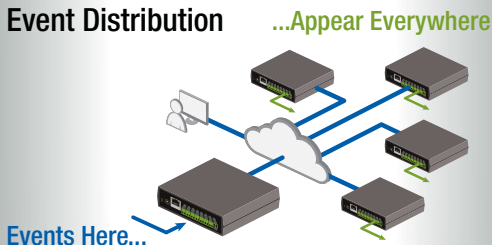- Transportation Systems
- Irrigation Systems

Bi-Directional GPIO Transport over IP

Events Here...   ...Appear Here

Multi-Site Event Distribution

...Appear Everywhere

Events Here...

Multi-Site Event Consolidation

...Appear Here

Events Anywhere...

Transport digital I/O across Ethernet networks with IP protocols. Any changes in status appear at the other end of the network as relay outputs. Multiple iPIO units can communicate to broadcast GPIO status to many locations, or consolidate status at a single point.
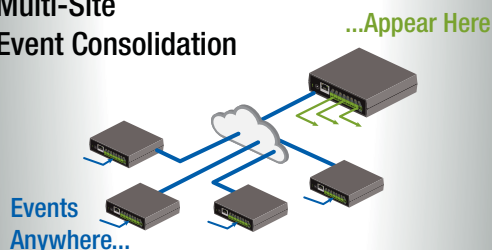
Get real time status updates on your web browser and click to control any relay. Monitor and control digital I/O worldwide using an SNMP V2 compliant manager. iPIO also sends email when events occur.

One digital input can trigger relay controls at multiple remote locations. With iPIO, one alarm can trigger events throughout your network, making it easy to respond to physical events and manage your systems remotely.

Events from multiple locations can also be consolidated to a central alarm point. Digital inputs from any iPIO unit can be mapped to the relay output of any other, giving you maximum control.

"We've recently installed a 4 mile perimeter security system, around a high end gated community, that utilizes fiber as the detection medium as well as the communication medium. Along with the perimeter detection system which runs on the fiber we also had a need to utilize contact closures from the field, over the fiber, back to a central processing location. There are currently 9 iPIO units in use with 16 additional coming online soon.

I was familiar with Dataprobe's other product lines as I'd used them before for another project and decided to try the iPIO for this application. They ended up working incredibly well and we're very happy with their performance to date.

I've since decided to utilize them in other applications as well."

Peter Bongard,
Interaccess Systems

iPIO Features:

Web Controlled Relays	One click relay control from clear web browser interface. Set name, qualifying time and color scheme for each relay.
Real Time Status Monitoring	Continuous updates of input status. No need for browser refresh. Set name and color scheme for each relay
GPIO Extension Over the Network	Send contact closures across the network to one or multiple places. Get the information you need where you need it.
Contact Closure via IP	Manage with SNMP or create your own cuts tom programming to operate relays over the network.
Link Supervision with Alarm	Continuously monitors data link between each device and alerts you when the network fails.
Email Notification	Receive updates on all input and /or output activity.
SNMP Management	SNMP V2c compliant MIB. Integrate into you network management scheme.
SSL and AES Encryption	Secure protocols for data integrity and privacy. Prevent unapproved access.
Wet or Dry Input Monitoring	Configurable for +VDC inputs 3-30 volts.
Multi-Site Distribution	Get status information from one point to multiple locations simultaneously. Ideal for load shedding and security alert notifications.
Alarm Consolidation	Summarize multiple alarm points to one location.

iPIO Models:

iPIO-2 :	2 Inputs and 2 Relay Outputs. PoE Powered or optional A/C. Metal Enclosure.
iPIO-8 :	8 Inputs and 8 Relay Outputs. A/C powered. ABS Enclosure
iPIO-16 :	16 Inputs and 16 Relay Outputs. A/C Powered. ABS Enclosure
All Models :	Environmental: Temp 0-25Deg C / Humidity 90% NC Inputs: Contact Closure or +3 to +30VDC, Grounds Common Relay Outputs: .5A @ 120VAC or 1A @ 24VDC

Who We Are

Dataprobe provides flexible, customizable power and network management solutions that minimize the duration and high cost of downtime. Our products give you the freedom of remote control, and the peace of mind that comes with knowing your systems are online when you need them.

Our Approach

With more than 40 years of experience and two generations of family values, we have deep industry expertise and a strong commitment to our customers. Our culture and values are the essence of who we are and what we do. Whether we're developing a custom product for a large enterprise or a solution for a small home office, we're committed to improving the reliability of every network we touch.

Find Out More:

www.Dataprobe.com

Contact us at sales@dataprobe.com or call 800-436-3284.

Contact Us
Dataprobe Inc.
1B Pearl Court
Allendale, NJ 07401

Phone: 800-436-3284
        201-934-9944

Fax: 201-934-9090

Email: sales@dataprobe.com

Skype: Dataprobe