MARC 12 Controller

Building on Dynetcom's longstanding experience with A/B switching products, NSGDatacom is proud to announce their newest development, the MARC 12 Controller. This product is based on the Pico Turbo and replaces the MARC-10, MARC-10/2, and MARC-11 Controllers.

The MARC-12 supports a modem GUI display and provides control functions via an Ethernet connection using HTTP from WEB browsers (Internet Explorer, Netscape, and others). Configuration, control and display can still be done via traditional ASCII serial port using remote Telnet access to menu functions, or using Simple Network Management Protocol (SNMP) via a private Management Information Base (MIB). The MARC-12 performs all of the functions of the MARC-10 and MARC 11 cards, and fits in existing RA 5/6/10 (CE) and RA 11 (CE & UL) chassis as well as the 4 Channel A/B switch.

The Controller is password protected for security. For the HTTP, you can also restrict access by configuring the device to allow only a specific individual or range of IP addresses. The Controller can also be restricted to alarm reporting only, without providing access to detail by external IP addresses. Telnet access can be turned off in order to prohibit unauthorized network access to the device.

The MARC-12 has a user-friendly menu configuration and control that provides the status of the serial port, Ethernet, IP, SNMP, HTTP and Dynaswitch functions. The status of the optional Line Activity Scanner (LAS) feature can be configured and viewed via menu HTTP, and SNMP. (The LAS feature is available only in the RA6 or RA11 (CE) chassis.)

MARC-12 alarms can be configured in several ways. For example, the device can be configured by channel alarms on A/B status changeover. The alarms can reflect varying levels of severity, as well as appropriate routing options. These include routing to the local service device, TCP to a host collector, or via email alert. Routing can be configured to provide notification in any variation of the available options.

With the optional LAS, the MARC-12 can provide notification of modem lead activity. The LAS hardware can be configured to provide automatic switchovers in the event of an alarm.

For more detailed information on the MARC-12 controller and other Dynetcom Dynaswitch products, please view our datasheets at http://www.nsgdata.com/dynetcom/dynetprod_techcl.html or call our Frederick, Maryland office at 301-662-5926.

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