



Dyband Shaper Knowledge Module® for PATROL® by Dyband Corporation

The Dyband IP Traffic Management software enables service providers, governments, educational institutions and enterprise network managers to deliver consistent, reliable access services by controlling the bandwidth consumption of individuals and groups, defining and managing service level agreements and providing "visibility" tools for service management.

The Dyband software measures and controls bandwidth usage of individuals and groups, and enables the control of aggressive users, minimizes network congestion, reduces packet loss, and eliminates congestion-related outages. By efficiently managing existing bandwidth, customers of Dyband can add more subscribers and users to their current Internet backbone connection, and minimize network costs.

The Dyband Shaper is the core of the Dyband IP Traffic Management software, sitting at the aggregation point in a network and managing traffic by IP address for as many as 50,000 endpoints, at aggregate link speeds from 56Kbps to 155 Mbps (OC-3). The Dyband Shaper manages traffic in both directions independently or in concert with each other, and is therefore ideal for satellite, fixed wireless, and all other access methods over Ethernet. As a result, the Dyband Shaper becomes an important and even critical tool in the service provider or enterprise LAN environment.

The **Dyband Shaper Knowledge Module® for PATROL® by Dyband Corporation** enables the PATROL Agent to not only report on the status of various operations of the Dyband Shaper, but also to start and stop the Dyband Shaper application as necessary from the PATROL Console.

The operations of the shaper available to the PATROL Agent are:

- The model and version of the Dyband Shaper.
- The current state of the Dyband Shaper service.
- Interface 0 binding (this being a NIC card)
- KBytes of classified traffic sent and received by Interface 0
- KBytes of unidentified traffic sent and received by Interface 0
- Interface 0 link speed in KBps
- Interface 1 binding (this being a NIC card)
- KBytes of classified traffic sent and received by Interface 1
- KBytes of unidentified traffic sent and received by Interface 1
- Interface 1 link speed in KBps
- GMT date of the current Dyband Shaper configuration
- Source of the Dyband Shaper configuration
- The name of the software manufacturer, Dyband Corporation.

This important information will enable the PATROL Console user to ascertain the traffic flow through the Dyband Shaper, the specific amounts of traffic moving through the shaper, the configuration and network status as well as the overall health of the Dyband Shaper application. In the event a shutdown of the Dyband Shaper service - or a stop and restart - is required, this can be handled from the PATROL Console.

The **Dyband Shaper Knowledge Module® for PATROL® by Dyband Corporation** provides a powerful and valuable tool for controlling and reporting on the Dyband IP Traffic Management installations with their networks.



For further information on Dyband, and how it can benefit your firm, contact us at
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