



Internet Service Provider Economic Buyer's Value Proposition Dyband 2.1

Features	Benefit
<p>Intelligent IP Traffic Management</p> <ul style="list-style-type: none"> Evaluates available bandwidth capacity 100 times per second Shapes individual or aggregate bandwidth usage based on traffic conditions, immediately and non-intrusively Shapes traffic for up to 50,000 managed objects — gateways, subnets, groups and individual subscribers—by IP address Enables a variety of allocation schemes (<i>guaranteed, preferred, equitable</i>) for distributing available bandwidth across all subscribers during both normal and congested conditions Protects against aggressive users by allowing additional rate limits based on usage Manages inbound/outbound traffic separately at each network point Supports multi-homed and half-duplex networks Solutions available to manage bandwidth from 1Kbps to 155 Mbps 	<ul style="list-style-type: none"> Provides cost savings by eliminating the need to provision bandwidth to peak demands Greatly improves bandwidth utilization by allowing more users to be added to the Internet backbone connection without provisioning additional bandwidth Guarantees the delivery of more consistent, reliable service to subscribers Reduces customer churn and improves customer satisfaction Enables operators to fulfill Service Level Agreements (SLAs) Controls aggressive users, minimizes network congestion and packet loss, and eliminates congestion related outages Guarantees that no user is “starved” for bandwidth Reduces capital and service management costs Provides a 3-6 month ROI Enables the simplified management of multiple access services from a single, easy-to-use, graphical interface Scales as your business grows with additional services and/or technologies
<p>Service Levels and Management</p> <ul style="list-style-type: none"> Defines and manages unlimited service levels according to multiple configurable parameters Parameters include transfer rates, access priorities, time-of-day, and aggressive user controls 	<ul style="list-style-type: none"> Enables service providers to generate up to 30% more revenue from innovative service levels without purchasing additional bandwidth Provides data on subscriber usage patterns for service level up-selling opportunities Maximizes Internet connection usage and profitability
<p>Performance Visibility</p> <ul style="list-style-type: none"> Maintains a 24-hour moving window of performance data Delivers statistics for the most recent: <ul style="list-style-type: none"> 60 one-second intervals 60 one-minute intervals 24 one-hour intervals Shows average and peak consumption and percentage of transfer time affected by congestion Stores statistics in a SQL database for historical analysis 	<ul style="list-style-type: none"> Provides new visibility into network performance to improve service management Monitors, in real-time, who is using bandwidth, at what rate, and when Provides an extensive collection of historical statistics to support capacity analysis, “just-in-time” bandwidth provisioning, usage-based billing and customer/technical services
<p>Fault Tolerance</p> <ul style="list-style-type: none"> Automatically transfers to “hot” stand-by system upon hardware/software failure, with continuation of traffic shaping and statistical recording 	<ul style="list-style-type: none"> Protects against a single point of failure
<p>Autodiscovery and Configuration</p> <ul style="list-style-type: none"> Discovers network topology and displays the hierarchical representation in a familiar tree structure Automatically discovers new subscribers and places them in the appropriate location in the topology tree Resolves subscriber names using DNS, RADIUS, or LDAP Allows auto-discovered subscribers to inherit predefined SLA profiles 	<ul style="list-style-type: none"> Simplifies and automates configuration and administration, reducing operational complexity and costs Increases operational efficiency by enabling fewer technicians to provision and maintain the network Significantly reduces provisioning time over manual methods

<http://www.dyband.com>

Company Confidential