

System Software Version 1.6.0 Release Note

(Mar 6, 2009)

Applied Products

N500 series

Feature added

❑ **Enhanced inter-operability with N5000 concentrator**

The management interface of N500 CPE can be configured remotely when connecting it to N5000 (Multi-Service Access Platform of NexComm). IP address, netmask and gateway address for N500 are delivered via EFMOAM channel established between N500 and N5000, and configured regardless of the local setting of it. This eliminates individual setting for many CPEs connected to N5000 when a network environment is changed. All CPEs connected to N5000 can change its IP configurations automatically as configured in N5000 database without any individual remote configurations. This feature is available only when connected to N5000.

Bug fixed

❑ **Ethernet device driver for management interface**

The management interface of N500 is locked-up sometimes, then remote management (ping, telnet, snmp, http, ...) is not available until rebooting the device. There's some bug which makes excessive interrupts to the CPU which may lockup the interface. Fixed now.

❑ **Management channel block when applying egress rate limit on local Ethernet ports. (N55x series only)**

When an egress rate limit is applied to local Ethernet ports in a way that it is smaller than ingress rate of DSL port, management channel via DSL port is blocked. For an example, egress rate of port *e0* is configured to 1 Mbps and packets much more than 1 Mbps (e.g. 5 Mbps) are coming from the port *s0*, then remote management traffic via port *s0* is blocked even though there's much room for the traffic in DSL link. Fixed now.