PATTON Electronics Co.

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Patton's Low-cost NTU Extends Ethernet over High-speed G.SHDSL

Newest member of the RocketLink-G™ family of G.SHDSL modems delivers Ethernet connections up to 5.7 Mbps[*] over single twisted-pair.

GAITHERSBURG, Maryland—Patton Electronics, the leader in network-access, connectivity, and VoIP solutions, introduces the newest member of their RocketLink-G™ family of low-cost G.SHDSL NTUs with a built-in Ethernet interface.

The Model 3088/I offers network service providers a very low-cost Customer Premise Equipment (CPE) solution that delivers dedicated, long-range, bridged-Ethernet connections to bandwidth-hungry customers over existing copper-wire infrastructure. Enterprise network administrators can use the Model 1088/I to extend the corporate LAN between floors, across the street, or over the campus to deliver network services to distant users at very high speeds over a single twisted pair–at speeds up to 5.7 Mbps*.

"The 3088/I is a great new addition to the RocketLink-G product line," said Joseph Gomez, Patton's Senior Product Manager for Data Access Technologies. "It gives service providers and enterprise users the high-speed connections they need for today's bandwidth-hungry applications."

The Model 3088/I combines an on-board Ethernet interface for connection to a LAN with a G.SHDSL Network Termination Unit (NTU) for access to IP services and a nx64 kbps rate-adaptive modem based on G.SHDSL.bis, the latest, highest-speed DSL standard. The new RocketLink-G is the only G.SHDSL modem on the market to offer both a built-in Ethernet port for easy connection to the enterprise LAN and TDM-based G.SHDSL network access for maximized bandwidth. The Ethernet version fully interoperates with all other devices in the RocketLink-G product line, which includes previously released V.35 and X.21 models. Patton plans to release T1 and E1 models in the next sixty days.

Patton's NetLink™ plug-and-play feature reduces deployment costs for service providers and enterprises by making the RocketLink-G easy for end-users to install. With remote-console management network operators can avoid costly service calls by monitoring and configuring the device from a central Network Operations Center (NOC).

Deployed at the subscriber premise, service providers can connect the RocketLink-G to Patton's ForeFront™ Access Infrastructure System (AIS) to deliver high-density, end-to-end

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[*] 4.6 Mbps current maximum line rate. 5.7 Mbps operation available via future software upgrade.

network access and connectivity services to business customers. Because its modular architecture supports a wide range of access line cards and CPE devices (dial-up, DSL, T1/E1 and Ethernet), ForeFront offers operators a low-cost, single-platform solution for delivering multiple network services. The Model 3096RC module terminates 16 G.SHDSL circuits and up to 16 T1/E1 lines. By installing the 3096RC in a ForeFront chassis with the 6081RC EdgeRoute processor module and/or the Model 6511RC STM-1 Matrix Switch module, operators can use ForeFront to simultaneously offer both TDM and IP services to their subscribers.

"ForeFront keeps winning in the market because it's the only fully-integrated switch-router platform out there that can deliver TDM and IP services at the same time," said Burton A. Patton, Patton's Executive Vice President. "In addition to higher bandwidth over longer distances, ForeFront gives carriers a cost-effective way to leverage their investment in SDH technology while delivering both traditional leased-line and IP services with a single multi-service infrastructure."

About Patton

Patton Electronics Company is a US manufacturer and marketer of data communications products, including SmartNode™ and SmartLink™ VoIP solutions, Remote Access (V.92, V.90, K56Flex, V.34+, and ISDN dial-in), Last Mile/Local Loop Access (T1, E1, and xDSL modems, NTUs and CSU/DSUs), Multi-Service Access (voice, intranet, extranet, and Frame Relay access), and Connectivity (interface converters, short range modems, multiplexers, and surge protectors).

For more information or to request a free datacom catalog, please contact sales@patton.com.

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