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**BitBlitz Communications Inc., a Leading Innovator of High-Speed Communications Semiconductors and PALTEK Corporation Enter Into Distribution Agreement.**

**PALTEK has launched the promotion of serializer/de-serializer devices with extensive jitter reduction that reduce power consumption by more than 50% compared to the traditional products.**

Yokohama, Japan, June 18, 2003- PALTEK Corporation, a leading silicon and electronic solution supplier in Japan (President; Tadahito Takahashi) announced it has entered into a distribution agreement with BitBlitz Communications Inc. (Headquarters; California, USA, CEO; Ed Rodriguez). The addition of BitBlitz's products will further strengthen PALTEK's ability to provide solutions for the equipment manufacturers to meet the development of network communications equipment, which satisfies the next-generation IEEE standard of 10 Gigabit Ethernet.



With the rapid growth of the Broadband market, terminal devices such as personal computers and game consoles are required to address high-speed and bandwidth demand. As data traffic increases drastically, network equipment such as routers and switches also need to meet this demand. BitBlitz's products enable high-speed transmission and processing of increasing amounts of data traffic while addressing low power requirements.

BitBlitz's quad 8-bit/10-bit parallel-to-serial and serial-to-parallel transceiver device is ideal for high bandwidth interconnection between line cards, serial backplanes, or optical modules. In addition to the high-bandwidth 3.125 Gbps links, the transceiver can be configured as a single 10 Gigabit extended Attachment Unit Interface (XAUI), providing up to 12.5 GBdps of duplex bandwidth.

"Our new distribution partner, PALTEK, will provide us the additional coverage needed to service the expanding semiconductor communications market in Asia Pacific," said Ed Rodriguez, President & CEO of BitBlitz. "We are very pleased to be working with a company that has the experience and quality reputation we demand for our customers."

"The addition of BitBlitz's products will further strengthen PALTEK's ability to meet the high-speed, low power and bandwidth development needs of our broadband equipment customers and satisfy the next-generation IEEE 10 Gigabit Ethernet standard," said PALTEK Director Masanori Kanamori.

PALTEK has been focusing on application specific integrated circuit such as PLDs and ASSPs for many years, and with superior technical support services and rich experiences in this field, the company strives to provide total solutions to its customers. With the distribution agreement with BitBlitz, we can further expand our ability to provide the solutions to our broadband equipment customers, who are now required to fulfill high-speed and bandwidth demand.

## **About PALTEK Corporation:**

Since the foundation in 1982, PALTEK Corporation has been providing silicon and software solutions to the Japanese manufacturers. In particular, PALTEK is very strong in providing solutions with Programmable Logic Devices (PLDs), Application Specific Standard Products (ASSPs) and other Networking related silicon. Based on the sound business performance, PALTEK made its Initial Public Offering on JASDAQ in 1998. The company is continuously making efforts to contribute to the development of the Network industry by providing the best available hardware and software solutions.

Further information is available at <http://www.paltek.co.jp>.

## **About BitBlitz Communications :**

BitBlitz Communications, *Your SmartLink Partner*, is a leading innovator of high-speed communications semiconductors known for addressing system-level issues for its partners. A venture-funded semiconductor company based in Milpitas, Calif., its high-performance serial communication integrated circuits are used in data and telecommunications networking systems deployed worldwide in local, wide-area, metropolitan and storage networks. The company is an active participant in industry standards organizations, including 802.3ae, OIF, XFP and T11. For more information, contact BitBlitz Communications at 408-597-8200 or visit the company web site at [www.bitblitz.com](http://www.bitblitz.com).

## **Glossary of technical terms**

- 1) Jitter: Small rapid variations in a waveform resulting from fluctuations in the voltage supply or mechanical vibrations or other sources.
- 2) Serializer/De-Serializer: Serializer is a device that converts parallel digital information to serial. De-Serializer is a device that converts serial information to parallel digital information.
- 3) 10 gigabit Ethernet: The emerging IEEE standard for Ethernet operation at 10 Gbps. It realizes long distance transmission of data up to 40km and have a possibility to be used not only in LAN but also in MAN(Metropolitan Area Network) and WAN(Wide Area Network).
- 4) XAUI(10 Gigabit Attachment Unit Interface): 10 Gigabit technical standard defined in the IEEE802.3.
- 5) XGMII(10 Gigabit Media Independent Interface): 10 Gigabit technical standard defined in the IEEE802.3.
- 6) DWDM(Dense Wavelength Division Multiplexing): A telecommunications technology using an optical fiber.
- 7) Gigabit Ethernet: A 1Gbps standard for Ethernet.
- 8) Ethernet: A baseband LAN specification invented by Xerox Corporation and Hewlett Packard.

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