

## **PRESS INFORMATION**

### **Patapsco Communications Company Backgrounder**

Patapsco Communications is a telecoms engineering company dedicated to designing and manufacturing IP systems for data applications. It also offers ISDN products, high speed aggregation and inverse multiplexing technology for carriers, PTTs, mobile operators and service companies (eg, disaster backup companies, ISPs).

Established in 1989, its early specialism was network monitoring and high speed recovery backup for telecoms carriers and larger corporate customers. Over the years, it developed an extensive product portfolio addressing a wide variety of applications, with worldwide users including Reuters, British Telecom, Sky and a leading international financial institution.

In 2005, Patapsco is launching a number of new IP and ISDN products that will offer substantial cost savings over traditional network configurations. These include:

- PacketBand TDM\* and ISDN. A unique range of systems that enable IP networks to emulate leased lines and dynamic switched ISDN networks, so allowing clocked synchronous or legacy data to be delivered over IP, MPLS, Metro and Ethernet networks. This is ideally suited to carriers, mobile operators, large corporates and systems integrators.

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- **Liberator Duo.** The Liberator range ensures the most efficient and cost effective use of expensive ISDN networks by maximising the use of channels through conversion, contention and sharing of PRI and BRI circuits. These systems are designed for use with new or legacy IP PBXs, VoIP applications, mobile gateways and specific carrier applications.

For high-speed recovery backup, its products include:

**Databand Mini** - designed to maintain user sessions and SLAs for carriers and corporate users, Databand Mini is a fast, automatic system for leased line backup offering speeds from 64kbps to 2.048Mbps. It supports many service types including Frame Relay and TETRA, and provides a range of interfaces including G.704 to V.35 & X.21.

**Databand LLX** – a carrier-class low-cost backup unit for G.704 channelised circuits.

**Databand Dial** – an inverse multiplexer for managing ISDN circuits for bandwidth-on-demand. This offers speeds from 64k to 2.048Mbps.

**Databand LLB** – an extra resilient ISDN backup unit for two circuits.

Other systems include:

**DB120** – a multi-purpose chassis system that supports multiple cards for ISDN, backup, inverse multiplexing, bandwidth-on-demand, TDM multiplexing and interface conversion/switching. This integrates with all other Patapsco products.

**Liberator-S** – a supremely flexible ‘soft’ ISDN PRI/BRI switching device. Frequently used as an enabling unit, it offers multiple applications such as ISDN conversion and sharing between PRI and BRI, E1 and T1 – by delivering and converting to the services required. It can also be used: as a VoIP migration tool; for E1 and ISDN Drop and Insert Muxing; ISDN PRI and BRI simulation and Least Cost Routing.

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**BTS Feeder** – a fast and easy to install system to provide micro-cell access for mobile operators.

**Monitor** – a remote circuit monitoring system for leased lines.

**DbManager** – a carrier class management system for all Patapsco products.

All Patapsco's hardware and software products are designed and manufactured in-house to ISO 9000 standards. Furthermore, all customisation is handled at the Company's Hampshire headquarters.

Patapsco has an international blue-chip client list including Bloomberg, Reuters, Sky, NATS, AENA (Spanish BAA), Telecoms Authority of Thailand, PCCW (Hong Kong carrier), British Telecom UK and Spain and many other national and international carriers. The Company sells direct and through partners spanning around 40 countries in Europe, Middle East, Africa, Far East, Australasia, and North America.

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\* Note to Editors: For further information on PacketBand TDM please see release entitled: *New PacketBand from Patapsco allows Carriers, Mobile Operators and Corporates to Exploit IP Networks for Data* dated 12 January 2005. Copies available from: [Angelina@arturi-pr.co.uk](mailto:Angelina@arturi-pr.co.uk)

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