Case Study

Air Traffic Control

with B&B Electronics 8-port card

8-port Modem Splitter Cards

Sunhillo Corporation, a specialist in data communications for air traffic control, required a modem splitter to provide connectivity from one device to up to six processors. These were to be used as part of the air traffic control computer system, so redundancy and reliability were key factors.

B&B Electronics developed a reliable solution that is redundant in distributed architectures. It also facilitates the transition from a legacy system to a new system by providing data connections to both.

A custom 8-port computer card was designed and manufactured entirely at B&B Electronics!

It has two DB-25 male ports for modem input, four DB-25 female ports for controlling port connections, and two DB-25 female output only ports. Dual 12 VDC power inputs provide redundant power. The cards are hot pluggable and have nine LEDs to show real time status and functionality of the modem splitter. Sunhillo Corporation has installed over 2,400 of these cards at air traffic control centers all over the country.

"We're very pleased with the response time and quality of the B&B Electronics components. That's one area of our systems we don't have to worry about," said Jack Marino of Sunhillo.

B&B electronics MANUFACTURING COMPANY

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