

Title: PARKERVISION LINES UP ENERGY COMPANY AS D2D INVESTOR

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ParkerVision Lines Up Energy Company As D2D Investor

Dec. 03, 1998 (COMMUNICATIONS TODAY via COMTEX) -- With an eye both to its own communications needs and to the development of a promising wireless technology, a subsidiary of energy resources and services company Questar Corp. [STR] made a \$5 million investment in ParkerVision Inc. [PRKR] and its proprietary Direct2Data (D2D) system. Questar InfoComm Inc. acquired newly issued ParkerVision shares at a price of \$21 each in a private placement, the companies announced today.

In addition, Questar InfoComm and ParkerVision signed a letter of intent to jointly develop D2D-based products for various commercial applications. Questar InfoComm may provide additional funds for product development efforts in the areas of automated meter reading, wireless home security, and computer and data networking.

Questar said that independent consultants it hired to evaluate D2D confirmed that the RF technology can be used in various low-speed applications for data and voice communications and in high-speed data applications. ParkerVision, which unveiled D2D earlier this year, goes much further, claiming that the technology has the potential to gain a place in, among other wireless devices, cellular phones and pagers.

D2D, the company said, represents a "completely new microelectronic circuit architecture" that can serve as the basis for creating so-called "zero IF" receivers on a single integrated circuit, eliminating the need for intermediate frequency (IF) hardware and application-specific demodulators. This, in turn, means less complexity in the design of wireless devices and corresponding reductions in their size, cost and power requirements, according to ParkerVision. The company has applied for patents for the D2D technology.

"Questar InfoComm brings practical experience in the deployment and operation of wireless systems," said ParkerVision Chairman and CEO Jeffrey Parker as the deal was announced. The private placement is

consistent with Questar's involvement in energy-related communication ventures such as SMR networks and automated gas analysis, according to Clyde Heiner, Questar InfoComm's president and CEO. D2D could improve the efficiency and performance of energy companies' communications systems in monitoring their pipelines and other assets, he said. These companies use radio links extensively to remotely open and close the flow-control valves of pipelines.

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