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Communication Devices Inc. has been awarded a patent on Management Systems For Distributed Out of Band Security Databases.

This solidifies CDI's position as the clear leader in the Secure Out of Band Management field. No other manufacturer can (or does) offer a product line that uses the same patented security architecture of CDI's distributed Database Management System. This system remotely configures CDI field devices to provide secure out of band access without requiring network connectivity for security. (all other vendors use the network to provide some type of security). This builds a strong case for CDI's product line as the primary function of out of band management systems is for use during network outages defined by the network being unreliable at the time.

For more information go to <http://www.outofbandmanagement.com>.



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(12) **United States Patent**
 Kelly et al.

(10) **Patent No.: US 6,678,826 B1**
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(54) **MANAGEMENT SYSTEM FOR DISTRIBUTED OUT-OF-BAND SECURITY DATABASES**

OTHER PUBLICATIONS

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(57) **ABSTRACT**

(51) **Int. Cl.**⁷ **G06F 17/30**; G06F 7/00

(52) **U.S. Cl.** **713/201**; 707/9

(58) **Field of Search** 713/200, 201, 713/202; 707/1, 9, 10, 200, 201; 714/25, 48, 49, 57; 709/223, 224, 246, 248

For use during maintenance of wide area networks, a management system is disclosed for distributing security databases to security gates at each maintenance port of each network element. A distributed database manager is provided to instantaneously update the databases and gather from each database transaction records. Central to the distributed database manager is a software program that polls the security databases located at each of the network elements, distributed databases, and security gates.

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