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(54) **COMPUTER TELEPHONY (CT) NETWORK SERVING MULTIPLE TELEPHONE SWITCHES**

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(57) **ABSTRACT**

An enhanced computer telephony (CT) network design for a private branch exchange (PBX) telephone system network improves the computer telephony interface (CTI) capabilities of the network. Bi-directional data from remote telephone switching nodes of different PBX systems, each using a common software application, is combined into a single data stream by the network to simplify control of the remote PBX systems. Commands to, and events received from, the different PBX switching nodes are combined by use of a gateway to automatically and transparently route digital information for control of the correct remote system node.

20 Claims, 5 Drawing Sheets

