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(54) Title: ADVANCED INTELLIGENT NETWORK GATEWAY

(57) Abstract

An advanced intelligent network gateway (102) that allows communication between telecommunications network component that use different protocols. In one embodiment, the advanced intelligent network gateway is used to communicate between a manual operator console (122A-122N) that are processing a customer's telephone call and a service data point (128) which is a database containing information needed to process the customer's telephone call. However, the advanced intelligent network gateway may also be used to receive and transmit messages between other telecommunication components. In addition, methods for protocol conversion of a transaction capabilities application part (TCAP) message from a user data protocol/Internet protocol (UDP/IP) to a transmission control protocol/Internet protocol (TCP/IP) implementation or vice versa. Methods for receiving and transmitting transaction capabilities application part messages are also described.

