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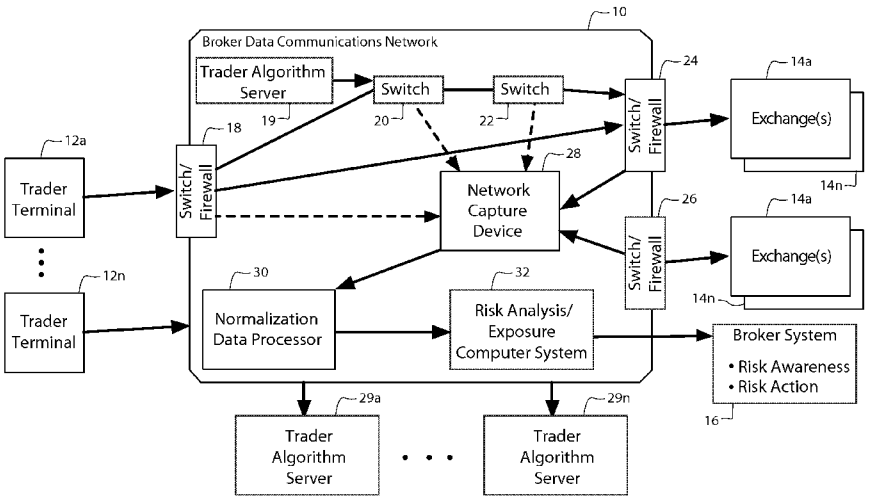


Figure 1

(57) Abstract: The technology detects undesirable data packets. Data packets are received from multiple sources at one or more packet switches in a data communications network. The one or more packet switches route the data packets to one or more intended destination computing nodes and also transmit a copy of all the data packets received in the data communications network to a network capture device. The network capture device processes the data packets, detects financial data packets, and transmits the detected financial data packets for analysis by a risk exposure computer system that performs automatic financial risk analysis based on the detected financial data packets.

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