

ABSTRACT

The technique relates to the field of computer security. The computer implementable method for detecting a POS terminal network compromise comprises steps of: obtaining identifiers of compromised areas; forming a database of potentially compromised POS terminals networks; determining parameters of compromise for at least one POS terminals network; calculating probability of compromise for at least one POS terminals network; forming a compromise probability ranked list of POS terminals networks, and defining at least one POS terminals network from the ranked list as compromised one.

Fig. 1A