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(54) Title: END-TO-END TRUSTED COMMUNICATIONS INFRASTRUCTURE

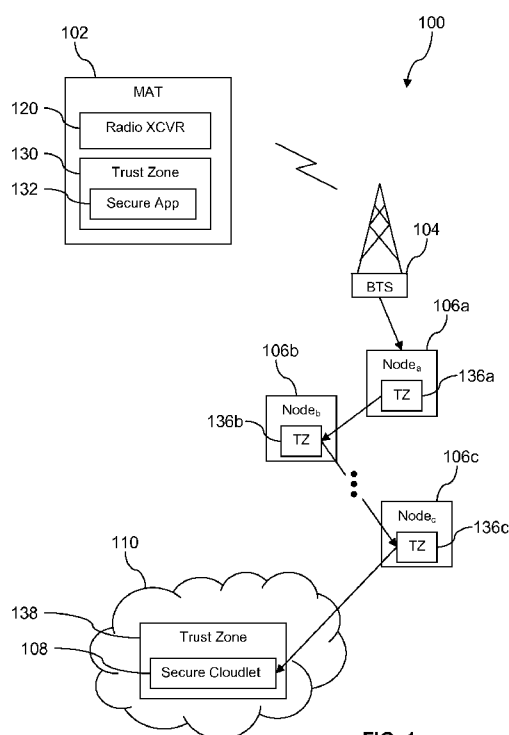


FIG. 1

(57) Abstract: A method of delivery of medical data via a trusted end-to-end communication link. The method comprises obtaining a measurement of a parameter of a human being by a first sensor, obtaining a biometric from the human being by a second sensor, receiving input from the first and second sensors by a secure application executing in a trusted security zone of a processor, whereby access to the input from the first and second sensors by applications executing in a normal partition of the processor is blocked, wherein the input from the first and second sensors comprises the measurement of the parameter and the biometric, and transmitting a message based on the input from the first and second sensors via a trusted end-to-end communication link to a medical data server, wherein an application that receives the message executes in a trusted security zone of the server.



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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04L 29/06 (2013.01)

USPC - 726/4

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - A61B 5/00; G06F 3/00, 7/04, 9/00, 12/00, 15/00, 17/00, 17/30; G06Q 10/00, 50/00; H04L 29/06 (2013.01)

USPC - 600/300; 705/ 2, 3; 710/ 15, 16; 713/ 155, 161, 182, 185, 186; 726/ 2, 4, 14, 17-21

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - G11C 7/00; G06F 21/00 (2013.01)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Orbit, Google Patents, Google Scholar, USPTO, PatentLens

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0094273 A1 (Fritsch et. al.) 26 April 2007 (26.04.2007) entire document	1-20
Y	US 2008/0097793 A1 (Dicks et al.) 24 April 2008 (24.04.2008) entire document	1-7, 15-20
Y	US 2012/0084438 A1 (Raleigh et al.) 05 April 2012 (05.04.2012) entire document	1-7, 15-20
Y	US 2012/0131178 A1 (Zhu et al.) 24 May 2012 (24.05.2012) entire document	8-14
A	US 2012/0089700 A1 (Safruti et al.) 12 April 2012 (12.04.2012) entire document	1-20
A	US 2012/0072481 A1 (Nandlall et al.) 22 March 2012 (22.03.2012) entire document	1-20
A	US 2002/0174344 A1 (Ting) 21 November 2002 (21.11.2002) entire document	1-20
A	US 2011/082711 A1 (Poeze et al.) 07 April 2011 (07.04.2011) entire document	1-20

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