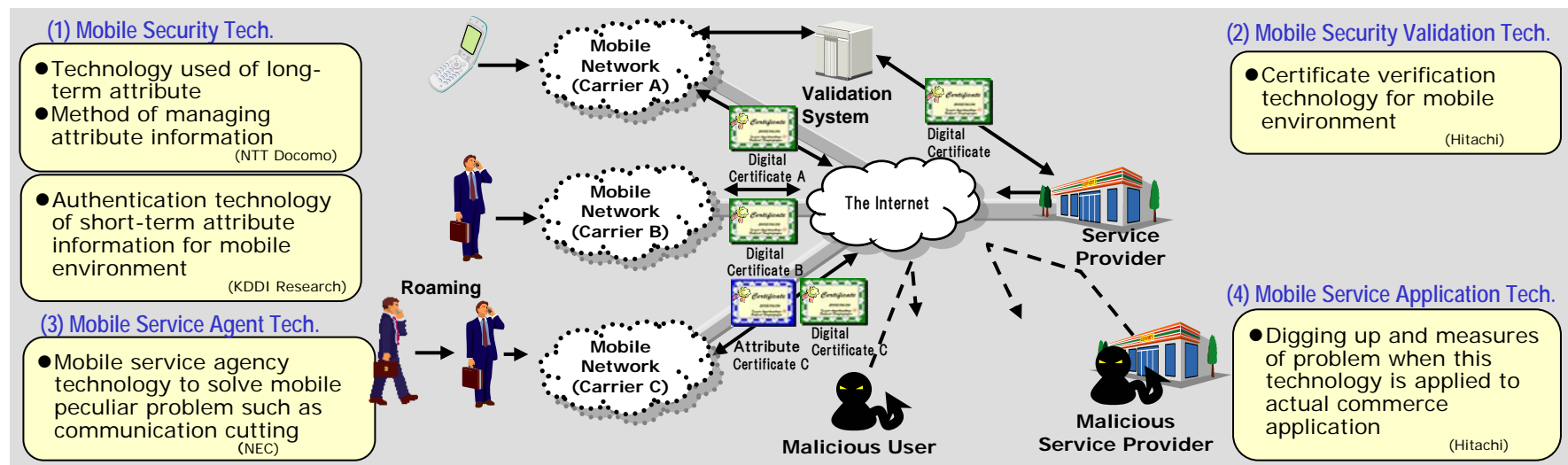


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## Development of high security mobile authentication platform technology inter-operable between different mobile telecom providers



Hitachi, Ltd., NTT DoCoMo Inc., KDDI R&D Laboratories Inc. and NEC Corp., have been involved in the National Institute of Information and Communications Technology's (NICT) project on mobile security platform technology R&D since fiscal year 2004. Three years of research has culminated in the development of a high security mobile authentication technology interoperable between the different mobile telecom providers. Instead of employing an ID & password method commonly used to verify identity, the new technology uses an electronic certificate which is difficult for a third party to tamper or forge, together with PKI (Public key infrastructure) technology. With PKI technology, a certification center issues an electronic certificate to each user, by which a service provider can verify customer identity, thus eliminating the need for complex settings or user passwords to be entered into a network and therefore providing higher security. Further, the electronic certificate may include standard user information such as name and address, relieving the need to input such information each time.

A field test of this technology will be conducted on 25<sup>th</sup> January 2007 by the Mobile IT Forum, followed by an lecture co-sponsored by the Mobile IT Forum and NICT to the general public on the nature of the field test on 6<sup>th</sup> February 2007.