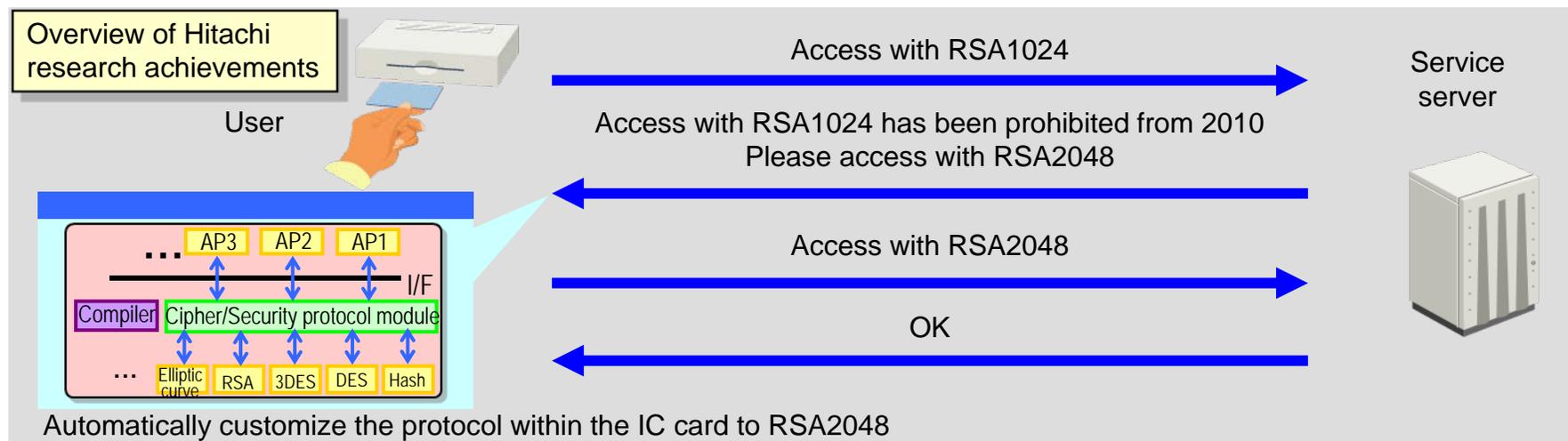


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## Development of security technology to dynamically generate or customize security protocols based on user environment or potential security threats



KDDI R&D Laboratories and Hitachi, Ltd. have been involved in R&D on technology for automatic generation and customization of security protocols<sup>\*1</sup> in response to the network environment, as part of a project commissioned by the National Institute of Information and Communications Technology, since fiscal 2006. This achievement is the result of three years of research, and is the first time in the world that technology to dynamically generate or customize security protocols in response to the user environment or potential security threats, has been developed.

Verification tests using this technology will be conducted at the 2009 Symposium on Cryptography and Information Security (SCIS 2009), to be held from 20<sup>th</sup> - 23<sup>rd</sup> January 2009, in Otsu-shi, Shiga-ken, Japan.

<sup>\*1</sup> Security Protocol: A method to provide security-related functions such as authentication or key-sharing based on cryptographic algorithm.