ABSTRACT

A management device 20 outputs key designation data read from a card to a SAM unit 9a. The SAM unit 9a uses mutual authentication key data designated by key designation data to generate synthetic key data. The management device 20 and the SAM unit 9a use the synthetic key data for authentication. When the SAM unit 9a confirms the legitimacy of the management device 20, it executes processing related to one or more mutual authentication key data used for generating the synthetic key data.