

CLAIMS

1. An IC module comprising:

a data storage configured to store data;

5 a table storage configured to store a data element table containing a plurality of sets of profile information respectively corresponding to a plurality of applications, each set of the profile information including, in association with each other:

a profile identifier for identifying a profile that is a group of data elements that are stored in the data storage at a time of issuance;

10 the data elements included in the profile; and

data region identifiers indicating data regions that are reserved in the data storage and that stores the data elements; and

a processing unit configured to reserve, in the data storage, the data regions which are indicated by the data region identifiers corresponding to the data elements, and store the data elements corresponding to the profile identifier, from the data element table stored in the table storage, in the data regions reserved, in response to a processing request that includes the profile identifier and requests issuance processing.

2. The IC module according to claim 1, wherein

20 the processing unit is configured to store the data element table in the table storage, in response to the processing request that requests processing for storing the data element table in the table storage.

3. The IC module according to claim 1 or 2, wherein

25 the processing unit is configured to, if the processing request of claim 1 that requests the issuance processing does not include any profile identifier, reserve the data regions in the data storage based on file building information received from an external apparatus, and further store the data elements received from the external apparatus in the data regions.

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4. The IC module according to any one of claims 1 to 3, wherein
the processing unit is configured to, in response to the processing request of
claim 1 that includes the profile identifier and requests issuance processing, store the
data elements corresponding to the profile identifier, from the data element table stored
5 in the table storage, in the data regions indicated by the data region identifiers
corresponding to the data elements, after the data element table is stored in the table
storage.
5. The IC module according to claim 4, further comprising:
10 a communication unit configured to receive the processing request from an
external apparatus via a contact portion, wherein
the processing unit is configured to, in response to the processing request of
claim 1 that has been received by the communication unit, includes the profile identifier
and requests issuance processing, store the data elements corresponding to the profile
15 identifier, from the data element table stored in the table storage, in the data regions
indicated by the data region identifiers corresponding to the data elements.
6. An IC card comprising:
the IC module according to any one of claims 1 to 5; and
20 a card body in which the IC module is embedded.