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ABSTRACT

A distributed data archive device (1) is placed on an arbitrary location on a network (3) so that data can be saved and extracted.

5 During data saving, a to-be-saved data file (F1) is given to the archive device (1), and a division/encryption means (13) carries out division/encryption, and individual divided files are distributed and saved onto data servers (2a, 2b, 2c) by a network communication means (16). A data management means (15)

10 forms management data that shows a division/encryption method and a depository-destination data server, and records it onto a portable recording medium (10) during the data saving. During data extraction, the portable recording medium (10) is connected to an arbitrary archive device (1), and the management

15 data is read. Based on this management data, the divided files are extracted from the depository destinations, and are reconstituted into the original data file (F1) by a decryption/integration means (14).