10 - Database Encryption

Advantage Database Server supports encryption of database data. Advantage can physically encrypt record data to protect that data from unauthorized viewing. The Advantage encryption scheme uses a case-sensitive password to encode data, requiring a password to view data in its unencrypted form. Advantage encryption capabilities provide an easy way to integrate data security over the network. The data stored in tables and memo files on the server is encrypted as well as the table data passed over the network. If the Advantage application has the correct password, it will be able to decrypt the data on the client. The Advantage encryption engine incorporates either a 160-bit, RC4- compatible or optional FIPS compliant AES 128-SHA or 255-SHA encryption algorithm that ensure data is secure as it goes over the network.