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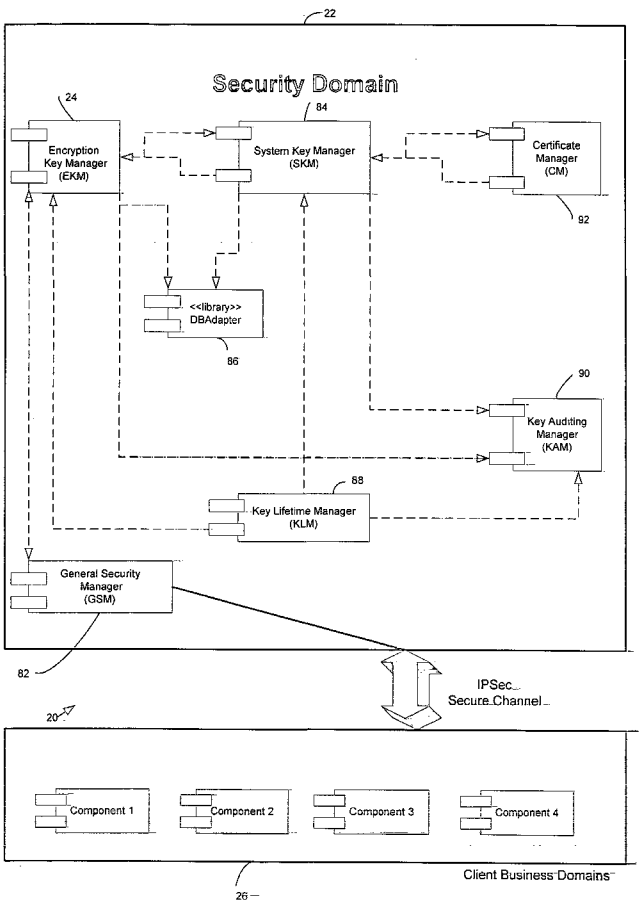
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(54) Title: HIDDEN LINK DYNAMIC KEY MANAGER



(57) Abstract: A computer system (20) with a security domain (22), at least one client business domain (26), and a plurality of client terminals (34) utilizes a hidden link dynamic key manager (24, 84) and a database structure including encrypted data entities (30C, 30D) and a security identification attribute (32) for storage of encrypted data. A method for encryption, storage, decryption, and retrieval of encrypted data operates on the computer system (20), which also includes an information database (62) and a key database (44). The key database (44) is isolated from the information database (62). The security domain (22) includes a system key manager (84) operable to generate system keys with system key common names and an encryption key manager (24) operable to generate encryption keys having encryption key identifications. The key managers (24, 84) operate on a key server (40), which is mirrored by a secondary key server (42). A general security manager (82) also operates on the key server (40) to control access to the security domain (22).

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