

_____ :

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(passwords)

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(AC:Authorization Certificates)

(firewall)

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: ⁸⁶(Sécurité Software)

- (Navigateur)

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(Netscape)

Securite Socket Lowyer : SSL

(Kleline, Cybercash)

(Smart Card)

: ⁸⁷(Sécurité Hardware)

(Pinpad)

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.(Eurocard, Mastercard, Visa) EMV

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[Reboul P., & Xardel D., 1997 - P144] - ⁸⁶

" " - -

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.(Certificat digital)

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⁸⁸(Globalsign)

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<http://www.globalsign.net> - ⁸⁸

- ⁸⁹

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-5 -3 -1
-6 -4 -2

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(IBM)
(Lucifer)

90

(National Institute of Standards and Technology- NIST)

92

(DES:Data Encryption Standard) ⁹¹

DES

⁹³RSA

1986 (Phil Zimmerman)

⁹⁴(PGP:Pretty Good Privacy)

RSA

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.(bits)

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http://www.nist.gov/public_affairs/nandyou.htm -⁹⁰

<http://catalyst.iex.net/nextwave/page19.html> -⁹¹

.1 0 bit 56 -⁹²

<http://www.x5.net/faqs/crypto/q8.html> -⁹³

<http://www.a-vitamins.com/securepgp.htm> -⁹⁴

(160 128)

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⁹⁷MD5 ⁹⁶MD4 ⁹⁵MD2 Ronald Rivest
MD4 MD2 1989

<http://rfc.roxen.com/rfc/rfc1319.html> -⁹⁵
<http://rfc.roxen.com/rfc/rfc1320.html> -⁹⁶
<http://rfc.roxen.com/rfc/rfc1321.html> -⁹⁷

128

1991

MD5

1990

MD2

MD5 MD4

MD4

MD2

MD4

MD5

8

MD2

.MD5 MD4

32

:⁹⁸(SSL)

-3

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TCP/IP

HTTP:// (HyperText Transfer

.Protocol)

99

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(Secure Sockets Layer- SSL) -⁹⁸
<http://www.netscape.com> -⁹⁹

SSL

(CA : Certificate Authorities)

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() : (SSL)
:) URL "S"

(https://server.com

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:¹⁰⁰(SET)

-4

(IBM)

(Microsoft)

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(MasterCard)

VISA

(Netscape)

(SET)

(

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(SSL)

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SET : Secure Electronic Transactions- ¹⁰⁰

(...)

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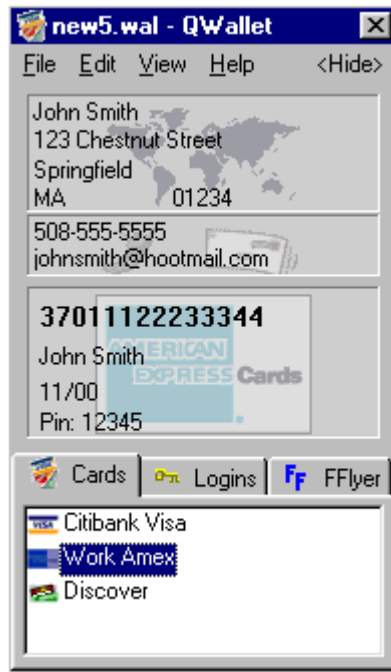
-

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(SET)

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SET

-2.3

<http://www.qwallet.com/download/qwal16bf.exe> :

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: ¹⁰¹(EFT) -5

102

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(Electronic Funds Transfer- EFT) - ¹⁰¹
_102

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(

103

: 104 (EDI) -6

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(<http://webopedia.internet.com/TERM/E/EDI.html>

: <http://www.achdirect.com/EFT.htm> :

- 103

<http://www.fms.treas.gov/eft/>
(Electronic Data Interchange - EDI) - 104

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