

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY MAC VALIDATION SYSTEM (MVS) SUCCESSFUL VALIDATIONS

(as of March 17, 1993)

1. ACS Communications Systems Inc.

• 480 Spring Park Place
• Suite 900
• Herndon, VA 22070
• Personal Computer Security Module, PCSM-T

PCSM Binary Authentication Software, Version 2.0 BINARY OPTION (FIPS 113)

May 16, 1986

Don Cole, (703) 471-0892

2. Federal Reserve Bank of Cleveland

• P.O.B. 6387
• Cleveland, Ohio 44101
• Jones Futurex PC Encryption Board
• FRS PC MAC Processor
• BINARY OPTION (FIPS 113)
• CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
• CODED CHARACTERS; ENTIRE MESSAGE; EDITING
• October 28, 1986
• Dave Rich, (216) 579-2221

3. Shannon Systems, Inc.

• Mountain View, CA
• Remote Crypto Facility
• Software Version 3.0
• BINARY OPTION (FIPS 113)

January 16, 1987

4. Codercard, Inc.

📍1231 East Dyer Road, Suite 200
📍Santa Anna, CA 92705
📍Personal Computer Security Adaptor, CPS-300
📍Argus, Version 1 Software
📍BINARY OPTION (FIPS 113)
📍CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING
📍CODED CHARACTERS, ENTIRE MESSAGE, EDITING
📍CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING
📍CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING

February 26, 1987

Bob Gray, (714) 557-3444

(rights transferred to LITRONICS Information Systems on Sept. 12, 1990)

5. Jones Futurex, Inc.

📍3715 Atherton Road
📍Rocklin, CA 95765
📍MAC-310 Message Authenticator
📍BINARY OPTION (FIPS 113)

February 27, 1987

Gerry Scott, (916) 632-3456

6. Infomax Securities

📍6974 Sandpiper Place
📍Carlsbad, CA 92009
📍Protecom Crypto Processor
📍Protecom Device Driver & Utilities, Version 0.5
📍BINARY OPTION (FIPS 113)

March 27, 1987

David Howard, (619) 931-8787

7. Inter-Quest, Inc.

📍16508 E. Laser Drive

•Fountain Hills, AZ 85268
•PORT-OF-ENTRY Computer Security System Vers. 1.1 (Software)
•BINARY OPTION (FIPS 113)
•May 8, 1987
•Charles Redding, (602) 948-2560

8. Infomax Securities

•6974 Sandpiper Place
•Carlsbad, CA 92009
•Protecom Crypto Processor
•Protecom Device Driver & Utilities, Version 0.6
•BINARY OPTION (FIPS 113)
•CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
•CODED CHARACTERS; ENTIRE MESSAGE; EDITING
•CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING
•CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

May 11, 1987

David Howard, (619) 931-8787

9. Digitech Telecommunications, Inc.

•342 Madison Avenue, Suite 2010
•New York, NY 10017
•Softnet Software, Version 1
•BINARY OPTION (FIPS 113)

June 29, 1987

James J. McKeeff, (212) 557-7230

10. Sytek, Inc.

•1225 Charleston Road
•San Jose, CA 94043
•MACbox
•BINARY OPTION (FIPS 113)
•CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
•CODED CHARACTERS; ENTIRE MESSAGE; EDITING
•CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING
•CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

June 30, 1987

(rights transferred to AeT Research, Inc. on January 29, 1988)

11. Inter-Quest, Inc.

☛ 16508 East Laser Drive
☛ Fountain Hills, AZ 85268
☛ PORT-OF-ENTRY Computer Security System Vers 1.2 (Software)
☛ BINARY OPTION (FIPS 113)
☛ CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
☛ CODED CHARACTERS; ENTIRE MESSAGE; EDITING
☛ CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING
☛ CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

August 17, 1987

Charles Redding, (602) 948-2560

12. Racal-Guardata Limited

☛ Richmond Court
☛ 309 Fleet Road
☛ Fleet, Hampshire GU13 8BU
☛ England
☛ PC Security Module, RGL 600

RGL 600 Host PC C Driver Software, Version: V1.01 BINARY OPTION (FIPS 113)

November 20, 1987

Paul Halliden, (252) 622144, England

13. The Chase Manhattan Bank, N.A.

☛ 1 Seaport Plaza, 11th Floor
☛ New York, New York 10038
☛ C-FIMAS 16 Software, Version 1.0
☛ BINARY OPTION (FIPS 113)
☛ CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
☛ CODED CHARACTERS; ENTIRE MESSAGE; EDITING
☛ CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING
☛ CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

December 8, 1987

Bob Martian, (212) 797-4038

14. Atalla Corporation

• 2304 Zanker Road
• San Jose, CA 95131
• Personal Computer Module, CPCM
• CPCM.HEX Software, Version OA 13-2043-01
• BINARY OPTION (FIPS 113)

January 11, 1988

Dale Hopkins, (408) 435-8850

15. GN Telematic, Inc.

• 46 Manning Road
• Billerica, MA 01821
• safeMatic 2000, KB76-17527
• BINARY OPTION (FIPS 113)

January 12, 1988

Poul Hebsgaard, (617) 667-8644

16. GN Telematic, Inc.

• 46 Manning Road
• Billerica, MA 01821
• safeMatic 2000, KB76-17527

Coded Character Set Processing Software, Model KB77-17012, Version A
BINARY OPTION (FIPS 113)

CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING

CODED CHARACTERS; ENTIRE MESSAGE; EDITING

CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING

CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

February 3, 1988

Poul Hebsgaard, (617) 667-8644

17. AeT Research

675 North First Street, Suite 800

San Jose, CA 95112

MACbox

BINARY OPTION (FIPS 113)

CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING

CODED CHARACTERS; ENTIRE MESSAGE; EDITING

CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING

CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

August 8, 1988

(originally validated on June 30, 1987 as a Sytek, Inc. device)

Linden Feldman, (408) 275-0820

18. Atalla Corporation

2304 Zanker Road

San Jose, CA 95131

Personal Computer Module, MN-40-249

CPCM.HEX Software, Version OE 13-2043-00

BINARY OPTION (FIPS 113)

September 26, 1988

Dale Hopkins, (408) 435-8850

19. Cypher Communications Technology, Inc.

4520 East-West Highway, Suite 550

Bethesda, MD 20814

CYCOM SCI AX3

5.01, Version 10084002

BINARY OPTION (FIPS 113)

February 2, 1989

Angel Bailey, (301) 652-6790

20. Dial-Guard

55 Koch Road/PO Box 7045

☎Corte Madera, CA 94925
☎Dial-Guard Remote Authenticator
☎01-103, Version 2.0 Rev. 0
☎BINARY OPTION (FIPS 113)

March 6, 1989

Shun-Hwa Chang or Trone Miller, (415) 927-2232

21. Okiok Data

☎3945 St. Martin
☎Laval, Quebec, Canada H7T 1B7
☎RAC/M
☎FAS-PACK, Version 1.0
☎BINARY OPTION (FIPS 113)
☎CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
☎CODED CHARACTERS; ENTIRE MESSAGE; EDITING
☎CODED CHARACTERS; EXTRACTED MESSAGE; NO EDITING
☎CODED CHARACTERS; EXTRACTED MESSAGE; EDITING

April 24, 1989

Claude Vigeant, (514) 681-1681

22. Racal-Guardata, Inc

☎480 Spring Park Place, Suite 900
☎Herndon, VA 22070
☎X9 Crypto Server
☎BINARY OPTION (FIPS 113)
☎CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING
☎CODED CHARACTERS; EXTRACTED MESSAGE; NO EDITING
☎CODED CHARACTERS; ENTIRE MESSAGE; EDITING
☎CODED CHARACTERS; EXTRACTED MESSAGE; EDITING

June 1, 1990

Brian Bucholz, (703)471-0892

23. LITRONIC Information Systems

☎2950 Redhill Avenue
☎Costa Mesa, CA 92626
☎Personal Computer Security Adapter

- ⌘ Argus, Version 1 Software**
- ⌘ BINARY OPTION (FIPS 113)
- ⌘ CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING
- ⌘ CODED CHARACTERS, ENTIRE MESSAGE, EDITING
- ⌘ CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING
- ⌘ CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING
- ⌘ Originally validated by Codercard, Inc. on February 26, 1987
- ⌘ Rights transferred on September 12, 1990
- ⌘ Bob Gray, (714) 545-6649
- ⌘ James Prohaska, (703) 960-8068

24. IBM Corporation

- ⌘ Dept. 65K/B204-3
- ⌘ 1001 W.T. Harris Blvd.
- ⌘ Charlotte, NC 28257
- ⌘ 4755 Cryptographic Adapter
- ⌘ BINARY OPTION (FIPS 113)

October 15, 1990

Roger Evans, (704) 594-7060

25. IBM Corporation

- ⌘ Dept. 65K/B204-3
- ⌘ 1001 W.T. Harris Blvd.
- ⌘ Charlotte, NC 28257
- ⌘ 4754 Security Interface Unit
- ⌘ BINARY OPTION (FIPS 113)

October 15, 1990

Roger Evans, (704) 594-7060

26. IBM Corporation

- ⌘ Dept. 65K/B204-3
- ⌘ 1001 W.T. Harris Blvd.
- ⌘ Charlotte, NC 28257
- ⌘ IBM Personal Security Card
- ⌘ BINARY OPTION (FIPS 113)

October 15, 1990

Roger Evans, (704) 594-7060

27. Cypher Communications Technology, Inc.

🌀15200 Shady Grove Rd., Suite 350
🌀Rockville, MD 20850
🌀CYCOM SCI/SL 96 AX5
🌀5.03, Version 10084012
🌀BINARY OPTION (FIPS 113)

December 19, 1990

Angel Bailey, (301) 590-9314

28. Cypher Communications Technology, Inc.

🌀15200 Shady Grove Rd., Suite 350
🌀Rockville, MD 20850
🌀CYCOM SCI 192 AX7
🌀5.05, Version 10084020
🌀BINARY OPTION (FIPS 113)

January 10, 1991

Angel Bailey, (301) 590-9314

29. Digital Equipment Corporation

🌀Digital Drive - MK01-2/B06
🌀Merrimack, NH 03054
🌀PIN Pad 201 SMD
🌀Model: P003-120-XX
🌀BINARY OPTION (FIPS 113)

March 25, 1991

Steve Lawrence, (603) 884-3445

30. Information Security Corporation

🌀1141 Lake Cook Road, Suite D
🌀Deerfield, IL 60015
🌀DES Module used in SpyProof!
🌀BINARY OPTION (FIPS 113)

📧 July 10, 1991
📧 Michael Markowitz, (708) 405-0500

31. Digital Signature

📧 Validated by Information Security Corporation
📧 1115 N. East Avenue
📧 Oak Park, IL 60302
📧 DES Module used in CryptMaster (3.20) and SecretAgent (1.00)
📧 BINARY OPTION (FIPS 113)
📧 July 15, 1991
📧 Michael Markowitz, (708) 405-0500

32. The Exchange Systems

📧 15395 SE 30th Place
📧 Bellevue, WA 98007-6594
📧 PCE-3000 (IBM PS/2 Microchannel)
📧 BINARY OPTION (FIPS 113)
📧 CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING
📧 CODED CHARACTERS, ENTIRE MESSAGE, EDITING
📧 CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING
📧 CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING

January 8, 1992

Robert Adamson, (206) 644-7000 X255

33. The Exchange Systems

📧 15395 SE 30th Place
📧 Bellevue, WA 98007-6594
📧 PCE-1000 ISA Adaptor
📧 BINARY OPTION (FIPS 113)
📧 CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING
📧 CODED CHARACTERS, ENTIRE MESSAGE, EDITING
📧 CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING
📧 CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING

January 9, 1992

Robert Adamson, (206) 644-7000 X255

34. Racal Guardata, Inc.

480 Spring Park Place - Suite 900
Herndon, VA 22070
CryptoServer II (CS-II)
BINARY OPTION (FIPS 113)
March 17, 1993
Sandy Epstein, (703) 471-0892