

From: Conus Joël
Sent: Thursday, May 30, 2002 5:12 PM
To: Bongard Dominique; Brique Olivier; Nicolas Christophe; Gaillard Christophe; Groux Cédric; GUGGENHEIM Alan; JJ Gee (E-mail); Kudelski Henri; Sasselli Marco; Vaisecchi Patrick [ES]
Subject: [ES]
Attachments: ES 20020530.txt.asc



ES
 20530.txt.asc (241

*** PGP Signature Status: good
 *** Signer: Joël Conus <conus@Nagra.com>
 *** Signed: 30.05.2002 17:11:50
 *** Verified: 04.06.2002 11:25:58
 *** BEGIN PGP DECRYPTED/VERIFIED MESSAGE ***

Summary:

- The forums are pretty calm. There are many newbies who report different problems that have already been discussed.
- A pretty good troubleshooting guide for the ATMEGA 128 has been posted on the SatTech forum. [Ref. 1]
- A new version of WinVu (v.2.0.0.8) has been released. Only one person reports that he has tried it and that it doesn't work at all for Dish Network. [Ref. 2]

 * Status *

Original cards
 =====

DNASP002 : Hole open. Some cards have blocker software.
 DNASP003 : Hole closed. Some cards have blocker software.
 DNASP010 : Not compromised.
 DNASP011 : Not compromised.

Current software
 =====

Software name	Hardware Needed	Card less?	Auto Roll?	Working?	Comment
NawapoM0.0e	ATMEGA based device	Y	Y	Y	New version, autorolls
Nawapo 12.4.1e fast MECMs	AVR EEPROM 8mhz mod	Y	?	Y	8mhz version of Nawapo for
Nawapo 12.4.1d Guardian	AVR w/ EEPROM	Y	?	N	Down
DNASP002 cards)	AVR w/ EEPROM	N	?	Y	Comme
MCG 3.08	AVR	N	N	Y	NOT A
Misc. Blockers versions rolled)	Original smartcard	N	Y	Y	(Repc
Phantom down	Proprietary AVR	Y	?	N	No re

1

CASE NO.
SA CV 03-950 DOC (JTLx)
ECHOSTAR SATELLITE CORP., et al

vs.

NDS GROUP PLC, et al

DEFENDANT'S EXHIBIT 1687

DATE _____ IDEN.
 DATE _____ EVID.
 BY _____
 Deputy Clerk

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To: Bongard Dominique; Brique Olivier; Nicolas Christophe; Gaillard Christophe; Groux Cédric; GUGGENHEIM Alan; JJ Gee (E-mail); Kudelski Henri; Sasselli Marco; Valsecchi Patrick [ES]
Subject: [ES]
Attachments: ES 20020530.txt.asc



ES
 20530.txt.asc (24 KB)

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Nawapo 12.4.1e fast MECMs	AVR EEPROM 9mhz mod	Y	?	Y	9mhz version of Nawapo for
Nawapo 12.4.1d Guardian	AVR w/ EEPROM	Y	?	N	Down due to fast MECM
DNASP002 cards)	AVR w/ EEPROM	N	?	Y	Commercial (fix needed for
MCG 3.08	AVR	N	N	Y	NOT AUTOROLL
Misc. Blockers versions rolled)	Original smartcard	N	Y	Y	(Reported working, some
Phantom down	Proprietary AVR	Y	?	N	No report, but should be

Winvu 2.0.0.8	PC w/ ser. card + AVR	Y	Y	?	Reported not working
Winvu 2.0.0.7	PC w/ ser. card + AVR	Y	Y	Y	Simulator
DishEMU commercial	PC w/ ser. card + AVR	Y	?	?	Simulator, discontinued
JavaEmu 0.7.0	PC w/ ser. card + AVR	Y	?	Y	Emulator (auto roll depends on card image)
Cemu 0.72c1 in C)	PC + modified AVR	Y	?	Y	Emulator (written for DOS)
Fuced-1.0a1 floppy disk	PC + modified AVR	Y	?	Y	Linux port of Cemu on a floppy disk
NagraEmu 002 Voltaic	PC + modified AVR	Y	?	?	Emulator written by
Casper	Third party smartcard	Y	Y	Y	Reported working
Guardian 2	Third party smartcard	Y	Y	?	Mixed reports

Emulators, Simulators

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An emulator is a program executing the ROM code dumped from a smartcard as close as possible as the processor in the smartcard would. An emulator can even apply patches on his "EEPROM image" like an original smartcard. Open channels and autorolling primarily depends on the database on the card image that is used.

A simulator on the other hand interprets the commands received from the IRD and returns hardcoded replies. A simulator usually needs to be upgraded when the original smartcards are patched.

Unloopers (glitchers)

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None available for sale.

Disclaimer: the contents of this mail are made of gossips from the Internet. Therefore they cannot be considered as a reliable source of information.

*** END PGP DECRYPTED/VERIFIED MESSAGE ***