Unknown

From:	Conus Joël
Sent:	Monday, August 26, 2002 6:34 PM
To:	Bongard Dominique; Brique Olivier; Christophe Nicolas; Gaillard Christophe; Groux Cédric; GUGGENHEIM Alan; JJ Gee (E-mail); Kudelski Henri; Sasselli Marco; Valsecchi Patrick
Subject:	[ES]
Attachments:	ES 20020826.txt.asc

ES 20020826.txt
(47 KB)

```
*** PGP SIGNATURE VERIFICATION ***
*** Status:   Unknown Signature
*** Signer:   Unknown Key (0xACC187D8)
*** Signed:   8/26/2002 6:32:55 PM
*** Verified: 6/2/2007 4:13:12 PM
*** BEGIN PGP DECRYPTED/VERIFIED MESSAGE ***
```

Summary:

- Apparently there are many hackers working on the PVR-721 STB. It has been featured on slashdot.org that the source code under the GNU GPL has been published. Some hackers have already been able to run a web server on the STB and telnet seems to work as well. All this can be done without breaking the warranty seal on the harddrive. [Ref. 1]

- The ECM #13 made a comeback in the stream last night and many people got hit again. There are reports that some Guardian II devices went down. [Ref. 2]

- A lot of fixes have been released for the ECM #13 but many have failed already and the newer ones cannot be tested while the ECM is out of the stream. [Ref. 3]

- Dishchat.com are planning to display the detailed state of the Echostar stream in real-time on their web site. [Ref. 4]

- ed1234567 is complaining because nobody has been really helping him with his unlooper/unlocker project. [Ref. 5]

- A list of the biggest scammers among the satellite dealers / pirates has been released on the HackP4 forum. [Ref. 6]

```
-----------------------------------------------------------------------
**********
* Status *
**********

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

Current software
================

                Hardware              Card  Auto
```
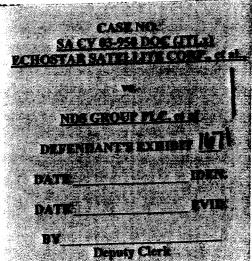
1

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

vs.

NDS GROUP PLC. et al.

DEFENDANT'S EXHIBIT 171

DATE _____ IDEN:

DATE _____ EVID:

BY _____
Deputy Clerk

CONFIDENTIAL   Case No. SA CV03-950 DOC (JTL)

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1

Case No. SA CV03-950 DOC (JTL)   NVNC026727

Software name	Needed	less?	Roll?	Working?	Comment
NawapoM0.1.2	ATMEGA based device	Y	Y	Y	July 24 ECM fix
EB2K AT. V2.51 J24	ATMEGA based device	Y	Y	Y	July 24 ECM fix
Nawapo 12.4.1j	AVR EEPROM 9mhz mod	Y	?	Y	July 24 ECM fix
Turnip 4.4	AVR w/ EEPROM	N	?	N	ECMed
Guardian/Protector	AVR w/ EEPROM	N	?	?	
MCG 311	AVR	N	N	Y	July 24 ECM fix
Misc. Blockers working)	Original smartcard	N	Y	Y	(Some versions reported
Winvu 2.0.0.7/8/9	PC w/ ser. card + AVR	Y	Y	Y	Simulator
JavaEmu 0.7.4 depends on card image)	PC w/ ser. card + AVR	Y	?	Y	Emulator (auto roll
Cemu 0.72c2 in C)	PC + modified AVR	Y	?	Y	Emulator (written for DOS
Ecemu 1.22 floppy disk	PC + modified AVR	Y	?	Y	Linux port of Cemu on a
Fuced-1.0a1 floppy disk	PC + modified AVR	Y	?	Y	Linux port of Cemu on a
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	Y	Reported working

Emulators, Simulators
========================
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)
========================
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 ***

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