

Unknown

From: Monitoring
Sent: Monday, June 16, 2003 4:32 PM
To: Alan (E-mail); Bongarc Dominique; Conus Joe; Groux Cedric; JJ Gee (E-mail); Kudelski Henri; Kuykendall Peter (Nagrastar); Levati Pierluigi; Nicolas Christophe; Sasseffi Marco;
Subject: [EVU]
Attachments: EVU 20030616.txt



EVU 20030616.txt (5 KB)

*** PGP SIGNATURE VERIFICATION ***
*** Status: Unknown Signature
*** Signer: Unknown Key (0x32E348FB)
*** Signed: 07/16/2003 4:30:44 PM
*** Verified: 07/16/2003 1:29:19 PM
*** BEGIN PGP DECRYPTED/VERIFIED MESSAGE ***

Summary:

- The hackers have released several ATmega software to counter the BCM tag. [Ref. 1]
- Dsrev.com is selling a new ATmega-based pirate device. Unlike the "standard" ATmeqas, it can use an original smartcard as a slave. [Ref. 2]
- Several sites report that the Canadian Government was forced to return \$150,000 worth of seized satellite equipment to Incredible Electronics. [Ref. 3]

- Status -

Original cards

DNASP003 : Hole closed. Some cards have blocker software.
DNASP010 : Firmware ERM with autocoll blocker code available for non-patched cards.
There is no known method of dumping or modifying a patched card.
[DNASP011 : Firmware ROM available for non-patched cards. There is no known
method of dumping or modifying a patched card.

Current software

Table with 5 columns: Software name, Hardware Needed, Card less?, Auto Roll?, Working?
Rows include: HAWapom0.1.3a, HAWapom0.1.3, HAWapom0.1.3s, HAWapom0.1.3n, M00207_BEM004

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

vs.
NDS GROUP PLC, et al
DEFENDANT'S EXHIBIT 1676

DATE _____ IDEN.
DATE _____ EVID.
BY _____

Deputy Clerk
NVNC040326

Unknown

From: Monitoring
Sent: Monday, June 16, 2003 4:32 PM
To: Alan (E-mail); Bongard Dominique; Conus Joël; Groux Cédric; JJ Gee (E-mail); Kudelski Henri; Kuykendall Peter (Nagrastar); Levati Pierluigi; Nicolas Christophe; Sasselli Marco;
Subject: [EVU]
Attachments: EVU 20030616.bt



EVU 20030616.bt
(6 KB)

*** PGP SIGNATURE VERIFICATION ***
*** Status: Unknown Signature
*** Signer: Unknown Key (0x32286BFB)
*** Signed: 6/16/2003 4:30:44 PM
*** Verified: 6/10/2007 1:23:39 PM
*** BEGIN PGP DECRYPTED/VERIFIED MESSAGE ***

Summary:

- The hackers have released several ATmega software to counter the ECM nag. [Ref. 1]
- Dssrev.com is selling a new ATmega-based pirate device. Unlike the "standard" ATmegas, it can use an original smartcard as a slave. [Ref. 2]
- Several sites report that the Canadian Government was forced to return \$250,000 worth of seized satellite equipment to Incredible Electronics. [Ref. 3]

* Status *

Original cards

DNASP003 : Hole closed. Some cards have blocker software.
DNASP010 : Freeware E3M with autoroll blocker code available for non-patched cards.
DNASP011 : Freeware E3M available for non-patched cards. There is no known method of dumping or modifying a patched card.

Current software

Table with 6 columns: Software name, Hardware Needed, Card less?, Auto Roll?, Working?, Comment. Rows include NAWapoM0.1.8x, NAWapoM0.1.8, NAWapoM0.1.6, NAWapoM0.1.5c, and MCG307_EMM64.

MCGAVR 3	AVR w/ EEPROM	N	Y	?	
+Turnip 5.1.2	AVR w/ EEPROM	N	Y	%	
Turnip 4.99a xxxx	AVR w/ EEPROM	N	Y	N	
Toadcode6	AVR	N	N	?	
DNASP003 Blockers	Original smartcard	N	&	%	
DNASP010 Blockers	Original smartcard	N	&	%	
Winvu 2.0.0.9	PC w/ ser. card + AVR	Y	Y	+	Simulator
Winvu 3K	PC w/ ser. card + AVR	Y	Y	+	Simulator
Cemu 0.72c2	PC w/ ser. card + AVR	Y	?	+	Under development
Cemu linux 0.6a6	PC w/ ser. card + AVR	Y	Y	+	Under development
JavaEmu 0.8.1	PC w/ ser. card + AVR	Y	Y	+	Under development
Dish Avenger	Third party smartcard	Y	Y	%	

- + New or changed entry.
- * The effect of an ECM on an emulator depends on the database content of the card that it is emulating.
- % The effect of the ECM depended of the device's configuration.
- & Autoroll is limited to previously used key update EMM's.

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.

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.

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 ***