
From: Gutman, Avigail
Sent: Tuesday, February 06, 2001 11:39 PM
To: George, Michael; Norris, John
Subject: RE: Echostar

This is excellent material.

I spoke to Beth this morning, and she said that she would like a commercial figure, to show-off with, for example our guys want to go to Korea and say - "look - we don't let our customer lose revenue, and nagra couldn't care less... so on superbowl night alone echostar lost \$xxxx while DTV made \$xxxx zillion dollars.

Is there some way to get info like that, too?

Mikey - how fast do the hackers recover from the nagging ECMs you mention.

John - would you like me to summarize it all for Beth and cc you - or will you do it?

rgds

A.

-----Original Message-----

From: George, Michael
Sent: Wednesday, February 07, 2001 3:10 AM
To: Norris, John
Cc: Gutman, Avigail
Subject: RE: Echostar

I am guessing there are AT LEAST 100,000 original cards professional "E3M'd" or "Echostar 3m". Now the RQM for 2 of 3 RQM's presently in use by the USA are public and have more disassembly done to them than the P2 RQM (The RQM was where their hole is located of which they can never shutdown. They can only swapout.)

Echostar is hackable via a PIC card. There is a hack for Echostar on ALL older hardware/plastic original cards that have been around for Dtv.

Examples- Dtv Blocker also used on NagraVision for both blocking and/or enabling all services.

Dtv Battery Cards used for NagraVision
Dtv P1/P2 cards have a "converter" utility public on the internet to convert them to become NagraVision cards.

NagraVision is hacked *Worldwide* because they use the same card around the world. NDS is hacked in North America. SkyLA and GLA are swapping out now to a much stronger card than used in Dtv.

I would guess that there must be well over another 100,000 users using \$5.00 Avr cards or older Battery cards for either ExpressVu or EchoStar. The total could very well be much higher by now but it's hard to say for sure.

It's important to also note, Nagra has been trying to also send down simple 'no-brainer' ecm's in the evenings following our attacks. For example- we began our attack in the afternoon. Later that night near midnight, people got a 'nag' on their IRD's for EchoStar. The nag is

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

vs.

NDS GROUP PLC, et al

PLAINTIFF'S EXHIBIT 41

DATE _____ IDEN.

DATE _____ EVID.

BY _____

Deputy Clerk

NDS097663

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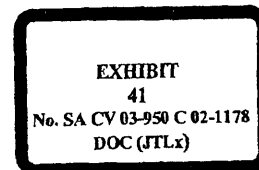
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like our extension 745 errors.

Just remember, they are learning and stealing from our ideas/implementations. Proof is inside their card dumps available at almost any pirate site providing information on them.

Mike

-----Original Message-----
From: Norris, John
Sent: Tuesday, February 06, 2001 2:14 PM
To: George, Michael
Subject: FW: Echostar
Importance: High

Mike, can you give Avigail and me your professional opinion?

-----Original Message-----
From: Erez, Beth
Sent: Tuesday, February 06, 2001 2:00 PM
To: Norris, John; Gutman, Avigail
Cc: Hasak, Reuven; Grossman, Steven; Dick, Michael
Subject: Echostar
Importance: High

Hi John and Avigail-

We are working with others to produce a document for a Korean DTH system. They were really excited about the DirecTV Black Sunday event. We would like to take advantage of it by pointing out how EchoStar is so terribly hacked. It would help us to know whether Echostar was also carrying the superbowl and, if yes, if we could guess at how many illegal viewers of Echostar were able to view the event. Any ideas ? Rather urgent - we need by end of week.

THANKS<
Beth

call if needed -

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