
From: Rose, Ted
Sent: Sunday, October 25, 1998 2:20 AM
To: Hasak, Reuven
Cc: Shiloh, Yehonatan
Attachments: Swiss Cheese Text File.doc; e-logger.zip; rev313.zip

Reuven,

DR7 site <http://dr7.com/news.shtml> reports that Echostar logging tool has been very positive. People are very close to the first hack of Echostar. Most of the work is already done. All they need is one "very unique key" for activation.

The group providing the Echostar info is now called Swiss Cheese Productions (previously Mr. Bean). They changed their name to avoid copyright infringement problems. Aside from the files below, there will be a FAQ available on the site soon.

The site has made the following three files (a text file, the actual logger and a code dump from a-card) available for download:

- 1) text file (produced by same people as logger below)
Contains detailed info about the Echostar packets taken from months of research.



Swiss Cheese Text
File.doc (43...

- 2) Echostar Data Stream Logger/Packet Decrypter by Swiss Cheese Productions



e-logger.zip (15 KB)

- 3) Echostar Cam Dump + Public Keys by Swiss Cheese Productions

This file contains a small read me as well as a dump from a running cam on the Echostar card as well as public keys.



rev313.zip (6 KB)



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

vs.

NDS GROUP PLC, et al.

DEFENDANT'S EXHIBIT 225

DATE _____ IDEN.

DATE _____ EVID.

BY _____

Deputy Clerk

CONFIDENTIAL

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rev313.zip (6 KB)



b dUmp FRoM rUnING CaM rEv 3.13
b pUBLiC kEyS iNSiDE
b eNJOY!

b (c)1998 sWiss chEEsE pRODuCtIoNs

NDS001766

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E000: 11,22,33,44,55,66,77,88,FF,FF,FF,FF,FF,FF,FF,FF ; .....
E010: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E020: 00,11,22,33,44,55,66,77,88,99,AA,BB,CC,DD,EE,FF ; .....
E030: E4,00,52,65,76,33,31,33,00,11,22,33,FF,FF,27,05 ; ä.Rev313.$k}.3'.
E040: 0D,0B,0D,38,79,1D,26,29,23,12,00,00,0F,4C,54,60 ; ...8y &)#....LT`
E050: 0D,0A,4E,69,70,50,45,72,20,49,73,20,61,20,62,75 ; ..NipPER Is a bu
E060: 54,74,20,6C,69,43,6B,65,52,21,45,71,F6,01,9A,D8 ; Tt liCkeR!Eqö.šø
E070: 5D,86,0F,1E,21,22,29,00,00,00,00,00,00,00,00,00 ; |t. !").....à•à>
E080: E0,9E,E0,FC,E1,25,00,00,00,00,00,00,00,00,00,00 ; àžàüá%.....
E090: 08,30,07,A6,CC,C1,01,84,27,F6,81,15,49,81,CD,6C ; .0.|iÁ.,'ö•.I•íl
E0A0: 26,CD,46,48,CD,6D,CC,01,CD,46,5B,CD,4B,8B,BE,57 ; &íFHímì.íF[íK<%W
E0B0: 27,1F,A3,0F,25,0B,27,19,A3,FF,27,15,C6,01,06,20 ; ' f.%.'.fÿ'.Æ..
E0C0: 03,D6,E0,3D,C7,01,10,AB,02,5F,59,AD,1F,25,05,14 ; .Öà=ç...<._Y- %..
E0D0: 49,CC,47,75,CD,4C,D0,CD,47,79,5F,A6,2E,AD,0D,25 ; IìGuíLDíGy_|.-.%
E0E0: 04,AD,0F,20,EA,CD,69,E2,0E,CC,47,A0,CD,4C,75,A3 ; .-. éíiã.ìG ÍLuf
E0F0: FF,81,CD,69,E2,0C,CD,4A,EB,CC,4A,EF,CD,6C,26,CD ; ŷ•íiã.íJèiJífl&í
E100: 46,48,CD,6D,CC,01,CD,46,5B,B6,57,26,03,C6,01,06 ; FHímì.íF[qw&.Æ..
E110: A0,02,AE,33,BF,57,AD,AC,25,05,AD,D6,98,20,03,99 ; .@3¿W-~%.-Ö~ .™
E120: 14,49,CC,46,39,A1,30,26,20,6D,A6,2B,1C,6C,81,CD ; .IìF9;0& m|+ l•í
E130: 77,29,E6,A4,E7,83,E6,A5,E7,84,E6,A6,E7,8A,CD,44 ; w)æµçfæ%ç„æ!çšÍD
E140: 43,AE,FF,CD,44,64,CC,75,2E,81,00,00,00,00,00,00 ; CøYíDdiu.....
E150: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E160: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E170: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E180: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E190: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1A0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1B0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1C0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1D0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1E0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E1F0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E200: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E210: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E220: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E230: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E240: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E250: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E260: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E270: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E280: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E290: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E2A0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E2B0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....

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E2C0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E2D0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E2E0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E2F0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E300: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E310: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E320: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E330: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E340: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E350: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E360: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E370: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E380: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E390: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3A0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3B0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3C0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3D0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3E0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E3F0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E400: 07,27,01,00,01,00,01,00,00,00,00,00,00,00,00,00 ; .....
E410: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E420: 00,00,00,00,00,00,00,00,00,00,00,07,38,06,00,00,00 ; .....
E430: 11,22,33,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FC,FF,FF ; .. yYYYYYYYYYüYÿ
E440: 00,00,FF,FF,00,00,00,00,00,00,00,00,00,00,00,00 ; .. yÿ} .....
E450: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E460: 00,00,00,07,79,07,00,3F,00,FF,FF,FF,FF,FF,FF,FF ; .....
E470: FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF ; .....
E480: FF,FF,FF,FF,FF,FF,FF,FF,10,E6,78,2B,E2,7A,02,E1,90 ; .....ax+âz.á•
E490: D9,CD,DA,12,21,C4,56,BF,16,B8,44,85,04,CF,33,1E ; ÛÍÚ.!ÄVç. D...Í3
E4A0: F8,FE,CE,2E,96,43,89,7B,36,83,40,19,51,8C,8A,7A ; øþí.-C&{6f@.QGŠz
E4B0: B7,91,D7,AF,C5,DE,7F,77,52,55,FD,1D,4E,9C,FE,26 ; `x^Áþ•wRUý Næþ&
E4C0: 79,13,C8,D3,8D,8F,CF,4D,0E,C6,49,B6,02,F8,74,7B ; y.ËÓ•îM.ÆIq.øt{
E4D0: E3,BA,E3,11,F6,E3,01,DE,29,1B,E4,86,A3,C3,07,05 ; äªä.öã.þ).ä+fÄ..
E4E0: 02,01,01,00,00,07,38,06,01,00,00,00,00,00,00,00 ; .....
E4F0: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .....
E500: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .ChAnEL dEcRyPt
E510: C7,CF,EC,71,A8,3E,65,80,4E,3C,A8,17,A9,EA,6D,07 ; Çiiq">eñ N~.©ém.
E520: 79,07,01,3F,00,00,00,00,00,00,00,00,00,00,00,00 ; y..?.....
E530: 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00 ; .VeRiFy kEyS....
E540: FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF,AF,9D,5E,C6,6D,02 ; ..hErE.....
E550: FF,FF,1E,FF,75,45,4C,FD,2D,93,19,84,D7,CA,6A,61 ; ±! ýuELý-`.xÊja
E560: 24,4E,0F,C5,42,15,84,9E,A3,08,BA,63,F8,E4,4A,EC ; $N.ÁB.,žf.ªcøãJì
E570: EF,69,7D,91,AF,54,86,3F,3F,F3,95,2A,98,46,11,14 ; ii)`T+??ó.*~F..
E580: CE,3D,43,2C,A7,C9,F2,1F,5B,9C,DA,44,42,F4,52,D5 ; Î=C,§Éð [eÚDBôRÖ

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