

To: Epstein Jeffrey[jeevacation@gmail.com]; Joscha Bach [REDACTED]; Martin Nowak [REDACTED]; Kevin Slavin [REDACTED]
From: Joi Ito
Sent: Fri 11/1/2013 9:41:35 AM
Subject: Re: Ars: Cross-Platform Malware Communicates With Sound (fwd) [signature.asc](#)

A good third party analysis: <http://blog.erratasec.com/2013/10/badbios-features-explained.html#.UnN2V2RgZb8>

On Nov 1, 2013, at 04:40 , Joi Ito <[REDACTED]> wrote:

> Computer viruses are now airborne.

>

> Begin forwarded message:

>

>> Date: Thu, 31 Oct 2013 14:00:14 -0700 (PDT)

>> From: slashnews@pestonia.com

>> To: slashnews@pestonia.com

>> Subject: Ars: Cross-Platform Malware Communicates With Sound

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>> Link: <http://slashdot.org/story/13/10/31/1955239/ars-cross-platform-malware-communicates-with-sound>

>> Posted by: timothy, on 2013-10-31 20:42:00

>> An anonymous reader writes "Do you think an airgap can protect your computer? Maybe not. According to this story at Ars Technica, security consultant Dragos Ruiu is battling [1]malware that communicates with infected computers using computer microphones and speakers." That sounds nuts, but it is a [2]time-tested method of data transfer, after all.

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>> References

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>> 1. <http://arstechnica.com/security/2013/10/meet-badbios-the-mysterious-mac-and-pc-malware-that-jumps-airgaps/>

>> 2. http://en.wikipedia.org/wiki/Commodore_Datasette

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> Please use my alternative address, [REDACTED] to avoid email auto responder

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Please use my alternative address, [REDACTED] to avoid email auto responder