

CASE STUDY – SUREFIRE CYBER

MAGNET DVR EXAMINER™

Accelerate Your DVR Video Recovery & Analysis

Recovering critical data from DVRs can be further complicated when the DVR itself is non-functioning. After a large flood rendered Ellicott City's DVRs waterlogged, Magnet DVR Examiner was able to recover video and metadata from CCTV and surveillance DVRs – which would also be possible even if the DVR is broken, burnt, or inoperable, or even if the video has been deleted or is inaccessible.

HOW DVR EXAMINER HELPS

Recovering Video from Waterlogged DVRs

William Stumme, Senior Forensic Examiner at Surefire Cyber:

On the afternoon of May 27, 2018, the small, historic town of Ellicott City, Maryland received over eight inches of rain in about two hours, causing tremendous flash flood damage along the historic main street area. Numerous small businesses and residents in this area were inundated by water and mud.

As part of the county's recovery efforts, our firm, Surefire Cyber, volunteered to assist the residents and business owners with the recovery of data from their waterlogged devices. As part of this process, we located several DVRs within local businesses. For one business owner, the recovery of this data was crucial to prove to her insurance company that her small antique store had been fully stocked just before the flood--and to document that the flood waters had been responsible for the losses.

Once we were able to remove and clean the DVR hard drive, we were able to recover and view data from the DVR. However, being an inexpensive DVR with an obscure file system, our traditional digital forensic tools were unable to read and parse the filesystem, effectively keeping us from viewing the video footage we knew existed. We had used DVR Examiner successfully in previous matters, and quickly turned to this software again.



We will continue to keep DVR Examiner as our go-to tool when recovering video from DVRs."

– William Stumme
Senior Forensic Examiner
Surefire Cyber



Once the drive image was loaded into DVR Examiner, we were able to almost instantly begin viewing and exporting the video."

With DVR Examiner, it enabled us to recover the video for the business owner for this unique case. The video we recovered included dramatic footage of the rapidly rising water and the owner's frantic efforts to save her store.

"We will continue to keep DVR Examiner as our go-to tool when recovering video from DVRs." William Stumme, Senior Forensic Examiner at Surefire Cyber.

SEE MAGNET DVR EXAMINER IN ACTION YOURSELF



DETECTION RATE

Of all hard drives scanned in DVR Examiner,
76% are supported.

We are proud of the success DVR Examiner displays time and time again with inoperable DVRs. If you have a damaged DVR, or the video is inaccessible, hope is not lost.

You can try out DVR Examiner for yourself with a **free trial**.

Learn more at magnetforensics.com

For additional information call us at **1-844-638-7884**
or email sales@magnetforensics.com

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