

July 5, 2017

Re: Intel DQ77MK Motherboard Vulnerability Fix

To all of our customers and partners;

Intel Corporation has recently released a Security Advisory and a patch fix to resolve the known escalation of privilege vulnerability in Intel® Active Management Technology (AMT). Intel issue ID: SA-00075. DQ77MK Intel Motherboards that have been used in i3 DVR, HVR and NVR units between December 2012 and July 2016 is on the list of the affected motherboards.

You can find additional information about the Intel Security Advisory from these links:

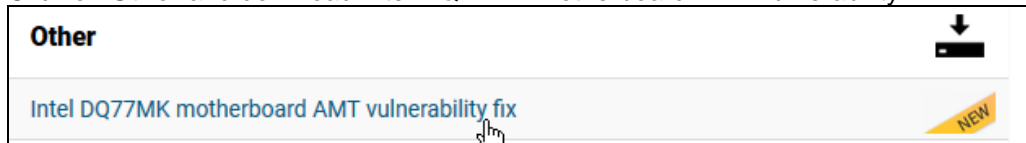
- <https://www.intel.com/content/www/us/en/architecture-and-technology/intel-amt-vulnerability-announcement.html>
- <https://security-center.intel.com/advisory.aspx?intelid=INTEL-SA-00075&languageid=en-fr>

Affected i3 Products: Compact Wallmount and Compact NVRs (3L, 3P, 3i, 4L, 4P, 4i, 5P, 5i series).

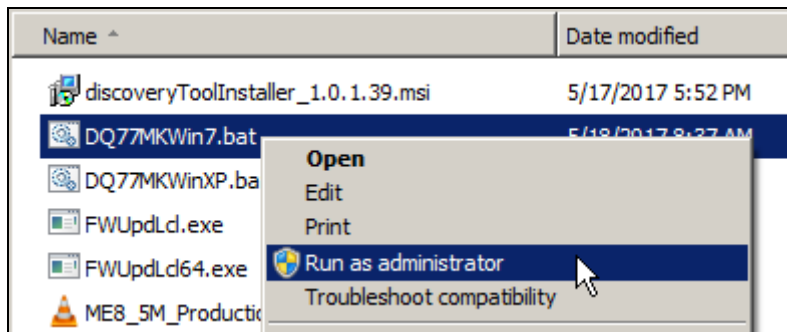
Manufactured between: December 2012 and July 2016.

To remediate this known vulnerability, please follow instructions below:

1. Go to www.i3international.com/software-downloads
2. Click on **Other** and download Intel DQ77MK motherboard AMT vulnerability fix.



3. Safely close the SRX-Pro Server software to access your Desktop (Login as an administrator user and press **Ctrl + Alt + Shift + F4**)
4. Depending on your OS, right click on the *.bat file that matches your Operating System version: Windows 7 or Windows XP. Select **Run as administrator** in the context menu.



5. Command prompt window will open. Press any key to start the update.

```

C:\Windows\System32\cmd.exe

This program will update the DQ77MK Management Engine to v8.1.71.3608.
The system will restart automatically after the update.
Please close all applications running in the background.
*****
Press any key to continue . . .
Intel (R) Firmware Update Utility Version: 8.1.40.1456
Copyright (C) 2007 - 2013, Intel Corporation. All rights reserved.
Communication Mode: MEI
Checking firmware parameters...
Warning: Do not exit the process or power off the machine before the firmware up
date process ends.
Sending the update image to FW for verification: [ COMPLETE ]
FW Update: [ 35% <Stage: 13 of 19> <|>]
  
```

6. Wait until the update is 100% complete and press any key to automatically reboot your NVR. SRX-Pro Server will start automatically.

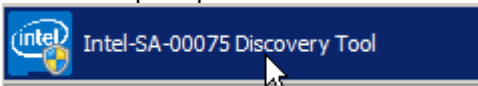
```

C:\Windows\System32\cmd.exe
Communication Mode: MEI
Checking firmware parameters...
Warning: Do not exit the process or power off the machine before the firmware up
date process ends.
Sending the update image to FW for verification: [ COMPLETE ]
FW Update: [ 100% <Stage: 19 of 19> <->]
FW Update is complete and a reboot will run the new FW.

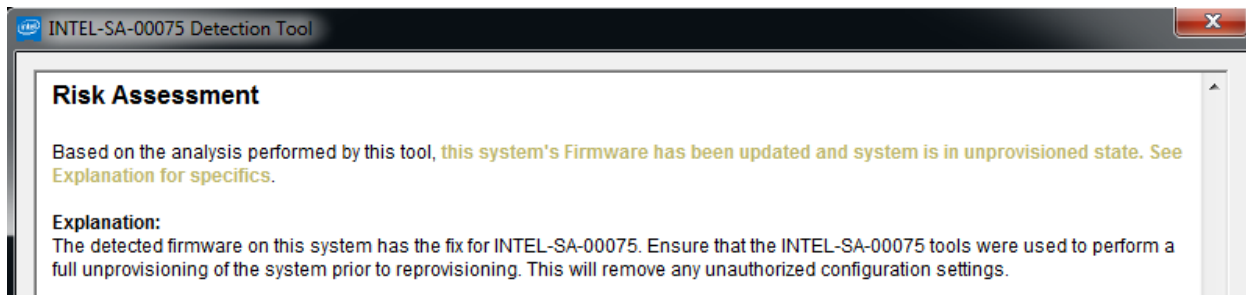
Intel (R) Firmware Update Utility Version: 8.1.40.1456
Copyright (C) 2007 - 2013, Intel Corporation. All rights reserved.
FW Version: 8.1.20.1336
Press any key to continue . . .
  
```

OPTIONAL

To ensure that the AMT vulnerability has been fixed, you may install and run the Intel-SA-00075 Discovery Tool utility. Double-click the **discoveryToolInstaller_1.0.1.39** file to install the Intel Discovery diagnostic tool. Follow installation prompts. When installation is complete, run the Intel-SA-00075 Discovery Tool.



The Risk Assessment should state: “this system’s Firmware has been updated”; the Explanation should state: “The detected firmware on this system has the fix for INTEL-SA-00075”.





INTELLIGENT VIDEO DRIVING PROFIT

If there are any complications during either of these procedures please contact i3 International's tech support for assistance.

Email: support@i3international.com

Tel.: 1.877.877.7241

Live Chat: <http://i3chat.i3international.com/chat>

Please contact your Regional Sales Manager if you have any additional questions.

i3 International Inc.
Technical Support and Services