Cliff Hansen Intertek

From: noreply@salesforce.com on behalf of online.support@st.com
Sent: Thursday, September 26, 2024 2:01 PM
To: Forte, Jim
Subject: [EXT] Case# 00215892 has been updated. [ref:_00Db0000000YtG6._500Ty00000E7XdZ:ref]

***** CASE UPDATE NOTIFICATION *****

Dear James Forte,
Below case has been updated.

Case#: 00215892
Subject: Kaspersky Lab Inc. Antivirus Software - Now on the FCC "Covered List"
Description:

Hi James,

The software you asked about will NEVER fit inside the MCU's memory. The minimum requirements for the Kaspersky Antivirus are:

- 2 GB of free disk space on the hard drive.
- Processor with a clock speed of 1 GHz (that supports the SSE2 instruction set)
- RAM: 1 GB for a 32-bit operating system. 2 GB for a 64-bit operating system.

As you can see, it needs way more than the STM32 can handle on all fronts. From the memory perspective, it has:

- 192-Kbyte Flash memory with ECC(2 banks with read-while-write capability)
- 20 -Kbyte RAM
- 6 Kbytes of data EEPROM with ECC

From the operation system, it needs either Windows, Mac or Linux, none of them are possible to be executed from a microcontroller.

So, there is no way I can think of any validation test, just because it is impossible for it to run this mcu from the basic premissis.

If there is an embedded antivirus version of the tool, please share more details about it, but this is something I've never heard of.

Best Regards

OLS Team

Please visit ST Customer Support Portal for further information.
Link to access the case:
https://ols.st.com/s/case/500Ty00000E7XdZIAV [ols.st.com]

Best regards,
ST Customer Support

ref:_00Db0000000YtG6._500Ty00000E7XdZ:ref