

Date: March 5, 2020



Howard Zong

ID TECH
10721 Walker Street
Cypress CA 90630-4720
UNITED STATES OF AMERICA

Re: EMVCo Letter of Approval – Contact Terminal Level 1 – Restricted Renewal

Approval Number: **12625 1211 400 21 FIM**

IFM Identification: **Spectrum III TM3 USB** Version: **Rev A**

Hardware: **Spectrum III TM3 USB PCA** Version: **Rev A**

Software: **Spectrum III TM3 USB Firmware** Version: **Rev A**

As tested in: **Spectrum III TM3 USB Version Rev A**

Electrical & Mechanical Test Cases: **4.3c** *Protocol Test Cases:* **4.3c**

Expiry Date: **December 28, 2023**

Dear Howard Zong,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for Level 1 terminal type approval for the interface module identified above. In connection with your request, we have reviewed your report, identified by file number C19REP02-082 Version V1.0 which was generated by FIME EMEA.

After assessing such file, EMVCo has found reasonable evidence that the submitted samples of the above referenced interface module sufficiently conform to EMV Integrated Circuit Card, Specifications for Payment Systems, Version 4.3, November 2011.

EMVCo hereby grants your interface module EMVCo Type Approval for Terminal Level 1 Restricted Renewal, based on the requirements stated in the EMV 4.3 Specifications. Please note that EMVCo may publicly identify your interface module as an approved interface module, including in EMVCo's published list of approved interface modules. According to EMVCo Restricted Renewal policy the extension to the original Type Approval is granted for a period of four years. At the end of that additional validity period the interface module will expire and cannot be submitted for another renewal.

EMVCo's grant to your interface module is subject to and specifically incorporates (i) the General Terms and Conditions to the Letter of Approval enclosed as Exhibit A, and (ii) the Specific Terms and Conditions to the Letter of Approval attached hereto as Attachment 1. Because EMVCo's grant is subject to such limitations, including certain events of termination, you and any third parties should confirm that such approval is current and has not been terminated by referring to the list of approved interface modules published on the EMVCo website (www.emvco.com).

Please note that EMVCo makes certain logos available for use in connection with an interface module that has received EMVCo approval. To obtain permission to use the "EMV Approved" certification mark, please contact EMVCo to request a license agreement

This Letter of Approval is valid while the approval number is posted on the EMVCo website.

EMVCo, LLC, a Delaware limited liability company

By:

Name: Frédéric Fortin

Title: EMVCo Terminal Type Approval Chair

Attachment A

Specific Terms and Conditions to the Letter of Approval

Restrictions, if any:

Comments, if any:

- This IFM rejects some ATRs with TA1≠"11", "12", "13" (e.g. TA1="17" or "D1") in negotiable mode. This behaviour is not compliant with EMV specifications but is not expected to have negative impact unless the card configuration significantly deviates from EMV requirements.

- This IFM does not pass all EMVCo electrical tests. Assessment conducted as part of the restricted renewal process has not pointed out obvious interoperability risks. Please contact the product provider for more details.