

Date: November 22, 2022



Alberto Magenta

NCR

Via Cusago, 150/4

Milano 20153

ITALY

Re: *EMVCo Letter of Approval – Terminal Contactless Product*

Product Name: WinEPTS EMV Contactless Kernel
Product Version: 3.2
Approval Number: TCP_LOA_NCRR_00102
Product Configuration: Distributed Architecture (Server + Client in Card Reader)
Architecture Type: Modular

Renewal Date: November 19, 2025

This LoA is valid only with the below configuration

Hardware Identification

<i>Hardware Product Name</i>	<i>Hardware Product Version</i>	<i>Type of Component</i>
Payment Server (on standard MS Windows computer)	Generic PC (checked on Cool Master PC)	Server with Book A&B and C-x Kernels
Payment Client (on Verifone P400)	M435-003-02-WWa-5 rev.A15	Card Reader with Book A&B and C-x local client

Contactless Identifications

<i>LoA reference(s) contactless L1:</i>	16459 0319 260 26b 26b FIMT
<i>EMV Approved ICS reference Book A&B:</i>	TCP_ICS_NCRR_00102_70
<i>EMV Approved ICS reference C-2:</i>	TCP_ICS_NCRR_00102_71
<i>EMV Approved ICS reference C-3:</i>	TCP_ICS_NCRR_00097_51
<i>EMV Approved ICS reference C-4:</i>	TCP_ICS_NCRR_00102_65

Contact Identifications

<i>LoA reference(s) contact L1:</i>	12646 0312 400 21 FIM
<i>LoA reference(s) contact L2:</i>	2-04717-1-1C-LGAI-1020-4.3i
	2-04717-1-1P-LGAI-1020-4.3i
	2-04717-1-1OS-LGAI-1020-4.3i

Approved Module(s)

	Vendor Module ID	Checksum	Specification Version
Book A&B	WinEPTS Entry Point module Version 3.1 Server: kernel (Entry Point, C-x modules included). Client: WinEPTS PIN pad	43A0BF95	2.10
Book C-2	WinEPTS C2 Mastercard Module Version 3.2	BB3290E7	2.10
Book C-3	WinEPTS C3 Visa Module Version 3.1	3735CC3F3620C000	2.10
Book C-4	WinEPTS C4 Amex Module Version 3.2	D16CCCE9	2.10

Dear Alberto Magenta,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for Level 2 Contactless Terminal Type Approval for the EMV Product identified above. In connection with your request, we have reviewed all test file.

After assessing such file(s), EMVCo has found reasonable evidence that the submitted samples of the above referenced Product sufficiently conforms to the specification versions listed in the Approved Module(s) table on page 2.

EMVCo hereby (a) grants your Product EMVCo Type Approval for Contactless Product, based on the requirements stated in those specifications, and (b) agrees to include your Product in the EMVCo approved Product list.

EMVCo's grant to your Product 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 Products published on the EMVCo website (www.emvco.com).

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 1

Specific Terms and Conditions to the Letter of Approval

Restriction:

None

Comments:

- The product is based on a distributed architecture with a component running on the local device and a component running on a server. Book A&B and C-x kernels implementations are distributed between the two components. It is the Product Provider's responsibility to ensure that the product still meet EMV "Reader Tariff" performance requirements when deployed in the field.

About Kernel C3:

- The design of the product may cause the contactless interface to be activated when attempting a magnetic stripe transaction. Please contact the vendor for further information.
- This product has been tested and approved for offline/online configuration only.