

Date: December 22, 2022



Mauro Bettiga

MADIC ITALIA S.P.A.  
Via A.Volta 39  
Cardano Al Campo 21010  
ITALY

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

**Product Name:** HRT1000  
**Product Version:** R02  
**Approval Number:** TCP\_LOA\_GLCE\_00105  
**Product Configuration:** Fully Integrated Terminal  
**Architecture Type:** Modular

**Renewal Date:** October 7, 2026

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>
<b>HRT1000-HW</b>	<b>R01.01.01</b>	<b>POS</b>

***Contactless Identifications***

<i>LoA reference(s) contactless L1:</i>	<b>16676 0819 260 26b 26b LGAI</b>
<i>EMV Approved ICS reference Book A&amp;B:</i>	<b>TCP_ICS_GLCE_00105_70</b>
<i>EMV Approved ICS reference C-2:</i>	<b>TCP_ICS_GLCE_00105_71</b>
<i>EMV Approved ICS reference C-3:</i>	<b>TCP_ICS_GLCE_00105_51</b>
<i>EMV Approved ICS reference C-4:</i>	<b>TCP_ICS_GLCE_00105_65</b>
<i>EMV Approved ICS reference C-6:</i>	<b>TCP_ICS_GLCE_00105_54</b>
<i>EMV Approved ICS reference C-7:</i>	<b>TCP_ICS_GLCE_00105_69</b>

***Contact Identifications***

<i>LoA reference(s) contact L1:</i>	<b>16511 0419 430 43c 43c LGAI</b>
<i>LoA reference(s) contact L2:</i>	<b>2-04478-1-1C-FIME-0619-4.3h</b>
	<b>2-04478-1-2C-FIME-0619-4.3h</b>
	<b>2-04478-1-3C-FIME-0619-4.3h</b>

***Approved Module(s)***

	Vendor Module ID	Checksum	Specification Version
Book A&B	EntryPoint Version v3.0	20b779e07ac9695051776e3b935cc2a233c7634e	2.10
Book C-2	KernelC2 Version v3.1	82933BFA2D75A042700ACBF10F7247203C8C6FC0	EMVCo Book C-2 v2.10
Book C-3	KernelC3 Version v3.0	f03ba87028b4911d1975f83ae5209e4675c2c596	EMVCo Book C-3 v2.9
Book C-4	KernelC4 Version v3.0	F3ED4553971CF4129AB38A109B41980BD548471A	EMVCo Book C-4 v2.10
Book C-6	KernelC6 Version v3.0	D8538C4BEF23F2BEDBCE1A62B57E7EC43A27E5CF	EMVCo Book C-6 v2.9
Book C-7	KernelC7 Version v3.0	66D7BFF8AA30186D8A34EF1BAF28F83B7223699F	EMVCo Book C-7 v2.9

Dear Mauro Bettiga,

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](http://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:

- About Kernel C3: This product has been tested and approved for offline and online capable configuration.