



Certification Body : **PayCert**
48 rue Montmartre
75002 Paris
France

Paris, November 29th 2024

Miura Systems Limited
3 Cliveden Office Village, Cressex Business Park,
Lancaster Rd, High Wycombe HP12 3YZ
United Kingdom

PURE Certification Letter – Kernel Product

Certified Kernel:

Certificate Number: **MIU.KER.218.2023-019**
Marketing Name: PURE Contactless Kernel
Technical Name & Version: MASP00-EMVL2KB-V1-0

PURE Specification Reference: v2.1.8
PURE Reader Test Plan: v1.5-2

As tested in:

Terminal Name & Version: MASP01 Version 2.0
OS: MASP00-OS-V1-0
Terminal Product Type: Integrated Reader
Level 1 Approval Number: 17843 0522 310 31a 31a BCTC

Dear Customer,

PayCert has received a request, submitted by Miura Systems Limited, your company, for the Certification of the Kernel product MASP00-EMVL2KB-V1-0, hereafter referred to as the Product and identified above as “PURE Contactless Kernel”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as MIU.KER.218.2023-019D dated 2023/08/17 and we have assessed your Test Report (ref. Z23REP00-302 v1.0), which was generated by FIME CHINA, following the *PURE Contactless Reader/Kernel Test Cases version v1.5-2*.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2023-120 v1.0.0), PayCert has found reasonable evidence that the submitted samples of the Product complies to the *PURE contactless reader Specifications for PURE Dual-Interface Cards & Mobile PURE version v2.1.8*, hereafter referred to as the “Reference Specification”.



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PayCert hereby grants the Product Certification of compliance with the requirements stated by the Reference Specification, and will include your Product in the certified products list, published on PURE Certification website (www.pure-payments.com).

Please note that PayCert's Certification (PURE/CLE/KER/2023-122_v2.0.0) is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, Miura Systems Limited must notify PayCert of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the Reference Specification or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

ii) The Present Certification granted to Miura Systems Limited for the above referenced Product is non-transferable to any other vendor.

iii) Under no circumstances does this certification letter include or imply any product or service warranties from PayCert, including without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by PayCert.

iv) The Present Certification is not an assessment of the product's security level or Level 1 compliance. It is the responsibility of the certificate's user to make sure the results of all assessments are still valid at the time of the product's approval or issuance.

The Certification Body has the right to terminate or revoke the Certification should any of the aforementioned terms and conditions be not respected.

**The present certification letter supersedes the certification letter
ref. PURE/CLE/KER/2023-122_v1.0.0 issued on September 15th, 2023**

Name: Laurence MASSON

Title: Chief Operating Officer



Tested Terminal Characteristics: <i>(During the initial kernel certification)</i>	OS: MASP00-OS-V1-0 Physical Architecture: <input checked="" type="checkbox"/> Integrated Reader <input type="checkbox"/> Intelligent Reader <input type="checkbox"/> Transparent Card Reader Supported Options (see note 1): <table border="1"><tr><td>1</td><td>2</td><td>4</td><td>6</td><td>7</td><td>8</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	1	2	4	6	7	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	4	6	7	8								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Tested Terminal Name :	MASP01 Version 2.0												
Additional Information : <i>(For example configurable parts...)</i>	<u>Reader Module identification</u> : Reader module is out of scope.												

- Option 1: GET DATA Transaction*
- Option 2: PUT DATA Transaction*
- Option 4: Application Authentication Transaction*
- Option 6: Long Tap support*
- Option 7: Online Additional Tap support*
- Option 8: Echo command to retrieve the last Generate AC response.*

Declaration of the terminals using the Certified PURE Kernel

The present appendix is intended to declare a range of contactless terminals, implementing a certified PURE Kernel/Reader. Terminals are acknowledged as a range based on the same characteristics listed below:

- PURE Reader module (or Entry Point module);
- Operating System;
- Physical architecture

Terminal Identification :	Brand Name : Miura Systems Ltd. Model Name : M200 Version : REV 1.0 Level 1 : 18503 0923 310 31a 31a BCTC Usable Options (see note 2) : <table border="1"><tr><td>1</td><td>2</td><td>4</td><td>6</td><td>7</td><td>8</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	1	2	4	6	7	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1	2	4	6	7	8							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
	Differences with the terminal used for the kernel certification: Different L1 HW and SW.												