Paris, January 19th, 2022

M. James TSAI
CASTLES Technology Co., Ltd
6F, No.207-5, Sec.3, Beixin Rd., Xindian Dist.,
New Taipei City 23143,
Taiwan (R.O.C.)

PURE Certification Letter – Kernel Product

Certified Kernel:

Certificate Number:	CAS.KER.218.2021-035
Marketing Name:	SATURN1000-E Version 1.0
Technical Name & Version:	CBM-EMVCL-MMS v1.0.1

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

As tested in:

Terminal Name & Version:	SATURN1000-E
OS:	CPF-OS v1.0
Terminal Product Type:	Integrated Reader
Level 1 Approval Number:	16250 0818 260 26b 26b FIMT

Dear M. TSAI,

PayCert has received a request, submitted by CASTLES Technology Co., Ltd, your company, for the Certification of the Kernel product CBM-EMVCL-MMS (version v1.0.1), hereafter referred to as the Product and identified above as "SATURN1000-E Version 1.0".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as CAS.KER.218.2021-035C and we have assessed your Test Report (ref. Z21REP00-271 v1.0), which was generated by FIME CHINA, following the *PURE Contactless Reader/Kernel Test Cases* version v1.5.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2021-028 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".

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 is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, CASTLES Technology Co., Ltd 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 CASTLES Technology Co., Ltd 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.

Name: Ludovic VERECQUE

Title: General Manager

Tested Terminal Characteristics : *(During the initial kernel certification)*	OS : CPF-OS v1.0

Physical Architecture :
- ☒ Integrated Reader
- ☐ Intelligent Reader
- ☐ Transparent Card Reader

Supported Options (see note 1):

1	2	4	6	7	8
☒	☒	☐	☐	☐	☐

Tested Terminal Name :	SATURN1000-E

Additional Information : *(For example configurable parts…)*	Reader identification : CBM-EMVCL-CLENTRY v1.0.3

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 : Castles Technology Co., Ltd.

Model Name : VEGA3000
Version : 1.0
Level 1 : 15484 0117 250 25a 25a FIMT
Usable Options (see note 2) :

1	2	4	6	7	8
☒	☒	☐	☐	☐	☐

Differences with the terminal used for the kernel certification :

Terminal Identification :	Brand Name : Castles Technology Co., Ltd.
	Model Name : VEGA3000
	Version : 1.1
	Level 1 : 17169 1020 300 30a 30a ICTK
	Usable Options (see note 2) :

1	2	4	6	7	8
☒	☒	☐	☐	☐	☐

Differences with the terminal used for the kernel certification :
Click here to enter text

Terminal Identification :	Brand Name : Castles Technology Co., Ltd.
	Model Name : MP200
	Version : 1.0
	Level 1 : 15846 1017 260 26b 26b FIMT
	Usable Options (see note 2) :

1	2	4	6	7	8
☒	☒	☐	☐	☐	☐

Differences with the terminal used for the kernel certification :
Click here to enter text

Additional Terminal hardware in the range recognition :

Terminal Identification : +1	Brand Name : Castles Technology Co., Ltd.
	Model Name : SATURN1000-L
	Version : 1.0
	Level 1 : 16564 0519 260 26b 26b FIMT
	Usable Options (see note 2) :

1	2	4	6	7	8
☒	☒	☐	☐	☐	☐

Differences with the terminal used for the kernel certification :
Click here to enter text