

May 12, 2016

Shirley Chen  
6F, No 207-5, Sec 3  
Beixin Road, Xindian District  
New Tapei City 23143  
Tawain ROC

**Subject: PURE Contactless Reader Functional Testing – Letter of Compliance**

Dear Mme Chen,

Gemalto has reviewed the PURE Functional Test listed below. After assessing this document, Gemalto has found reasonable evidence that the submitted samples of the below referenced terminal product sufficiently conform to the PURE Contactless Reader Specification, subject to the restrictions in appendix 1 attached to this Letter.

**Letter of Compliance – Reference number:** TRM-CSTL-1605-0002

**Date of issuance:** May 12, 2016

**Terminal Vendor Name:** Castles Technology Co, Ltd.

**PURE Contactless Reader Identification**

- PURE kernel version: CBM-EMVL-MMS v1.0.0
- Device/ Terminal Version: VEGA3000
- Operating System/Platform: n/a

**Tested Kernel capabilities:**

- GET DATA for EEPROM Storage (option 1)
- PUT DATA for EEPROM Storage (option 2)
- Application Authentication transaction (option 4)
- Long tap (acquirer option 6)
- Online additional tap (acquirer option 7)
- Transaction recovery (acquirer option 8)

**ICS Form reference:** --- Version: MCCS

**Test Report reference:** UL\MPES\RP\_2015\_3506JD01A Version: ---, issued on 12 January 2016 by UL

**PURE References Specifications:**

PURE contactless reader Specifications for PURE Dual-Interface cards and Mobile PURE Version 2.1.7 (February, 2015)

**PURE Contactless Reader Test Plan:**

PURE Contactless Reader/Kernel Test Cases Version 1.1 (March, 2015)

**Disclaimer:**

The objective of the PURE Functional Test is to validate that the terminal product tested is compliant with the requirements as defined in the PURE Contactless Reader Specification referenced above. In no circumstances does this Letter of Compliance include any endorsement or warranty regarding the functionality, quality or performance of any other product or service provided. Under no circumstances does this Letter of Compliance include or imply any product or service warranties from Gemalto, including, without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by Gemalto. All rights and remedies regarding vendor's products and services for which Gemalto has granted this Letter of Compliance shall be provided by the vendor offering such products or services and not by Gemalto.

Signature and authority



Serge Barbe  
SVP Embedded Software & Card Product

## Appendix 1

During testing, the following issues were identified, as non-supported features, non-tested features or non-compliant implementation. Restrictions identified must be disclosed to customers (Issuers or other product providers to whom you intend to sell the product).

### **Restriction regarding unsupported acquirer options:**

- Signature support
- Confirmation code support as possible terminal CVM
- SDA support
- CDA support
- Other card interfaces support

### **Description of unsupported kernel capabilities:**

- The CVM list method is not supported.  
Depending on personalization profile, cardholder verification can be requested by PURE cards by using either PURE-defined mechanism or EMV™-defined CVM list. Personalization profile is defined by the issuer of the card.  
Absence of CVM list method will prevent the kernel to complete transaction with PURE cards personalized to use CVM list to request cardholder verification.

EMV™ is a trademark owned by EMVCo LLC.