Paris, January 26th, 2021

M. David SALMON
Ingenico Terminals SAS
Donibristle Industrial Estate
Dunfermline, KY11 9JU
United Kingdom

PURE Certification Letter – Kernel Product

Certified Kernel:

Certificate Number:	ING.KER.218.2021-002
Marketing Name:	AXIUM ISCOS Pure Kernel
Technical Name & Version:	PURE_L2 02.01
PURE Specification Reference:	v2.1.8
PURE Reader Test Plan:	v1.4-3

As tested in:

Terminal Name & Version:	AXIUM DX8000 (Q)
OS:	AxISCOS
Terminal Product Type:	Integrated Reader
Level 1 Approval Number:	17116 0820 300 30a 30a BCTS

Dear M. SALMON,

PayCert has received a request, submitted by Ingenico Terminals SAS, your company, for the Certification of the Kernel product "PURE_L2 02.01 »", hereafter referred to as the Product and identified above as "AXIUM ISCOS Pure Kernel".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as ING.KER.218.2021-002A and we have assessed the Test Report (ref. Z20REP00-383 v1.0 dated 11/12/2020), which was generated by FIME CHINA, following the *PURE Contactless Reader/Kernel Test Cases* version v1.4-3

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2020-032 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, Ingenico Terminals SAS 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 Ingenico Terminals SAS for the above referenced Product is non-transferable to any other vendor.
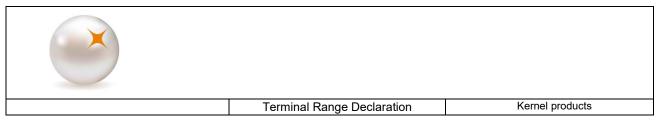
iii) Under no circumstances does this certification letter include or imply any product or service warranties from PayCert, including without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by PayCert.

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 : AxISCOS Level 1 : 17074 0720 300 30a 30a BCTS Physical Architecture : ☒ Integrated Reader ☐ Intelligent Reader ☐ Transparent Card Reader Supported Options (see below):

1	2	4	6	7	8
☒	☒	☒	☒	☒	☒

Tested Terminal Name :	AXIUM DX8000 (Q)
Additional Information : *(For example configurable parts…)*	Pure Reader Module : EntryPoint 2.0.1

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 a terminal range 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;
- Level 1;
- Physical architecture

Terminal Identification :	Brand Name : INGENICO Model Name : AXIUM DX8000 Version : U Usable Options (see note 2) :

1	2	4	6	7	8
☒	☒	☒	☒	☒	☒

Differences with the terminal used for the kernel certification :
They use different application processors, different memory sizes and screen sizes