



Certification Body : PayCert
48 rue Montmartre
75002 Paris
France

Paris, February 24th, 2023

M. Yonghong Guo
Shenzhen Xinguodu Technology Co., Ltd.
17B JinSong Mansion, Terra Industrial & Trade Park Chegongmiao, Futian District,
Shenzhen Guangdong, P.R.
CHINA

PURE Certification Letter – Kernel Product

Certified Kernel:

Certificate Number: XGD.KER.218.2020-032
Marketing Name: N86
Technical Name & Version: XGD-PURE V1.0

PURE Specification Reference: v2.1.8
PURE Reader Test Plan: 1.4-3

As tested in:

Terminal Name & Version: N86 V1.0
OS: XAP OS V1.0
Terminal Product Type: Integrated Reader
Level 1 Approval Number: 17040 0620 300 30a 30a BCTS

Dear M. Guo,

PayCert has received a request, submitted by Shenzhen Xinguodu Technology Co., Ltd., your company, for the Certification of the Kernel product XGD-PURE V1.0, hereafter referred to as the **Product and identified above as “N86”**.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as XGD.KER.218.2020-032B and we have assessed your Test Report (ref. Z20REP00-315 v1.0), which was generated by FIME CHINA, following the *PURE Contactless Reader/Kernel Test Cases* version 1.4-3.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2020-028 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).



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Please note that PayCert's **Certification** is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, Shenzhen Xinguodu 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 Shenzhen Xinguodu 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.

**The present certification letter supersedes the certification letter
ref. PURE/CLE/KER/2020-028_v1.0.0 issued on 25/11/2020**

Name: Ludovic VERECQUE

Title: General Manager



Tested Terminal Characteristics: <i>(During the initial kernel certification)</i>	OS: XAPOS 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 checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table>	1	2	4	6	7	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Tested Terminal Name :	N86 v1.0												
Additional Information : <i>(For example configurable parts...)</i>	Reader Module identification: XGDPURE Reader V1.0												

- 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 : NEXGO Model Name : N82 Version : v1.0 Level 1 : 17945 0722 310 31a 31a BCTS 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: PCD : N82-PCD V1.0 HW : XGDN82HW-PCD V1.0 SW : XGDN82SW-PCD V1.0												



Terminal Identification :	Brand Name : NEXGO Model Name : UN20 Version : v1.0 Level 1 : 17765 0222 300 30a 30a BCTS Usable Options (see note 2) :											
	<table border="1"><thead><tr><th>1</th><th>2</th><th>4</th><th>6</th><th>7</th><th>8</th></tr></thead><tbody><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></tbody></table>	1	2	4	6	7	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<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: PCD : UN20-PCDV1.0 HW : XGDUN20HW-PCDV1.0 SW : XGDUN20SW-PCDV1.0											