PayCert
48 rue Montmartre
75002 Paris
France

Paris, 7th June 2024

UBIVELOX Inc.
12, Digital-ro 31-gil,
Guro-gu,Seoul,
Republic of KOREA

CPACE Functional Compliance Certificate - Card application

An **ECPC** certification program

Certificate Number:	ECPC/PIC-00012
Product:	Ucard UBJ31-G31 v1.2 (commercial identification)
Technical name:	Ucard UBJ31-G31 v1.2
Compliant with:	CPACE Dual Interface Card Specification V1.0. October 2017,
	CPACE DIC Specification Bulletin n°1 December 2019,
	CPACE DIC Specification Bulletin n°2 April 2020,
	CPACE DIC Specification Bulletin n°3 April 2021

Dear Customer,

PayCert has received a request, submitted by UBIVELOX Inc., your company, for the Certification of the Card application product Ucard UBJ31-G31 v1.2 (CPACE 1.0.1; Chip:ST31P450 rev C; OS: UBJ31-G33 v1.2.1 (Java)), hereafter referred to as the Product and identified above as "Ucard UBJ31-G31 v1.2".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as 0A001823013800A dated 2023/08/30 and we have assessed your Test Report(s) (ref. ELITT/LAB/ECA/RDT/FECP/ECP-UBI-23-08-31-01 v1.0), which was generated by ELITT, following the Test Plan "CPACE Dual Interface Card - CPACE DIC test plan V1.12 v2 (Sept. 2022)".

Based on these elements, as indicated in PayCert's Certification Report (ref. CPACE/EVR/CAR/2023-134 v1.0.0 dated 2023/11/16) the Certification Body has found reasonable evidence that the submitted samples of the Product comply with the "CPACE Dual Interface Card Specification V1.0. October 2017, CPACE DIC Specification Bulletin n°1 December 2019, CPACE DIC Specification Bulletin n°2 April 2020, CPACE DIC Specification Bulletin n°3 April 2021".

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the "CPACE Dual Interface Card Specification V1.0. October 2017, CPACE DIC Specification Bulletin n°1 December 2019, CPACE DIC Specification Bulletin n°2 April 2020, CPACE DIC Specification Bulletin n°3 April 2021" and will include your Product in the certified products list, published on ECPC website (www.europeancardpaymentcooperation.eu).

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Please note that the present Certification is subject to the following terms and conditions as listed hereafter:

   i) The present Certification is granted on the basis of the ECPC - PRODUCT (CARD Application-POS Kernel-MPA) - Certification Framework v1.5 and therefore is valid as of today.

   ii) With regard to this certification, neither ECPC nor PayCert as the Certification Body do accept any liability for direct or indirect losses, caused by operating the Product in the field.

   iii) If the Product is changed, UBIVELOX Inc. must notify the Certification Body of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the "CPACE Dual Interface Card Specification V1.0. October 2017, CPACE DIC Specification Bulletin n°1 December 2019, CPACE DIC Specification Bulletin n°2 April 2020, CPACE DIC Specification Bulletin n°3 April 2021" 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.

   iv) The present Certification granted to UBIVELOX Inc. for the above referenced Product is non-transferable to any other vendor.

   v) The Certification Body has the right to terminate or revoke the Certification in case any of the aformentionned terms and conditions found to not be respected.

This letter is valid as a proof of certification while the certificate number is posted on the ECPC website

The present certification letter supersedes the certification letter ref. CPACE/CLE/CAR/2023-147 v1.0.1 dated 16/11/2023

Name: Laurence Masson

Title: Chief Operating Officer

cofrac

CERTIFICATION DE PRODUITS ET SERVICES

Accréditation n°5-0673
Portée disponible sur
www.cofrac.fr

Product information :

CPACE application name :	CPACE 1.0.1
Chip provider & identifier :	STMicroelectronics -ST31P450 Rev C
Operating System	UBJ31-G33 v1.2.1 (JavaCard v3.0.4, GP v2.2.1)
Contact protocol:	T=0
Contactless protocol:	Type A
Contactless antenna:	P155 0.1mm Cu (PAYIT INC)

Note: ICS to be provided upon request by the Vendor in order to get the complete characteristics of the Product (see abstract in Annex A).

Annex A (extract from ICS '0A001823013800A dated 2023/08/30')

Get Data

Is the product able to retrieve the following primitive tag?

Tag	Data element	Get Data
C1	Application Control	☒ Yes ☐ No
9F7E	Application Life Cycle	☒ Yes ☐ No
9F36	Application Transaction Counter	☒ Yes ☐ No
9F4F	Log Format	☒ Yes ☐ No
C3	Number of Days Offline Limit	☒ Yes ☐ No
9F50	Offline Balance	☒ Yes ☐ No
C9	Offline Balance Currency Code	☒ Yes ☐ No
9F17	PIN Try Counter	☒ Yes ☐ No
C2	Profile Selection File Entry	☒ Yes ☐ No
C4	Security Limits Status	☒ Yes ☐ No
C5	Security Limits	Not Supported
9F77	VLP Funds Limit	Not Supported
9F78	VLP Single Transaction Limit	Not Supported
E2	Additional Security Limits	Not Supported
D8	Additional Security Limits Status	☐ Yes ☒ No
D6	AID-Interface File Entry	☒ Yes ☐ No
E0	Contactless Command Access Controls	☒ Yes ☐ No
D4	Contactless Control - Application	☒ Yes ☐ No
D3	Contactless Control - Card	☐ Yes ☒ No
D1	Dynamic Issuer Data	☒ Yes ☐ No
D0	Static Issuer Data	☒ Yes ☐ No
D9	RRP Configuration File Entry	☒ Yes ☐ No

Is the product able to retrieve the following template tag?

Tag	Data element	Get Data
BF30	Accumulators Data	☒ Yes ☐ No
BF31	Accumulators Profile Controls	☒ Yes ☐ No
BF32	Accumulator x Controls	☒ Yes ☐ No
BF33	Additional Check Tables	☒ Yes ☐ No
BF41	AIP/AFL Entries	☒ Yes ☐ No
BF34	CIACs Entries	☒ Yes ☐ No
BF35	Counters Data	☒ Yes ☐ No
BF36	Counters Profile Controls	☒ Yes ☐ No
BF37	Counter Controls	☒ Yes ☐ No
BF38	Currency Conversion Tables	☒ Yes ☐ No
BF39	Cyclic Accumulators Profile Controls	☒ Yes ☐ No
BF3A	Cyclic Accumulator Controls	☒ Yes ☐ No
BF42	Cyclic Accumulator Data	☒ Yes ☐ No

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BF3E	GPO Parameters	☒ Yes ☐ No
BF3B	Issuer Options Profile Controls	☒ Yes ☐ No
BF3C	Limits Entries	☒ Yes ☐ No
BF40	Log Data Tables	☒ Yes ☐ No
BF3D	MTA Profile Controls	☒ Yes ☐ No
BF3F	Profile Controls	☒ Yes ☐ No

Scripting

Is the product able to update the following primitive tag?

Tag	Data element	Full update	Partial Update
C1	Application Control	☒ Yes ☐ No	☐ Yes ☒ No
9F7E	Application Life Cycle	Not Supported	Not Supported
9F36	Application Transaction Counter	Not Supported	Not Supported
9F4F	Log Format	Not Supported	Not Supported
C3	Number of Days Offline Limit	☒ Yes ☐ No	☐ Yes ☒ No
9F50	Offline Balance	Not Supported	Not Supported
C9	Offline Balance Currency Code	Not Supported	Not Supported
9F17	PIN Try Counter	Not Supported	Not Supported
C2	Profile Selection File Entry	Not Supported	Not Supported
C4	Security Limits Status	Not Supported	Not Supported
C5	Security Limits	☒ Yes ☐ No	☐ Yes ☒ No
9F77	VLP Funds Limit	Not Supported	Not Supported
9F78	VLP Single Transaction Limit	Not Supported	Not Supported
E2	Additional Security Limits	☐ Yes ☒ No	☐ Yes ☒ No
D8	Additional Security Limits Status	Not Supported	Not Supported
D6	AID-Interface File Entry	Not Supported	Not Supported
E0	Contactless Command Access Controls	☒ Yes ☐ No	☒ Yes ☐ No
D4	Contactless Control – Application	☒ Yes ☐ No	☐ Yes ☒ No
D3	Contactless Control – Card	☐ Yes ☒ No	☐ Yes ☒ No
D1	Dynamic Issuer Data	☒ Yes ☐ No	☒ Yes ☐ No
D0	Static Issuer Data	☒ Yes ☐ No	☒ Yes ☐ No
D9	RRP Configuration File Entry	Not Supported	Not Supported

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Is the product able to update the following template tag?

Tag	Data element	Full update	Partial Update
BF30	Accumulators Data	☒ Yes ☐ No	☐ Yes ☒ No
BF31	Accumulators Profile Controls	☒ Yes ☐ No	☒ Yes ☐ No
BF32	Accumulator x Controls	☒ Yes ☐ No	☒ Yes ☐ No
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BF36	Counters Profile Controls	☒ Yes ☐ No	☐ Yes ☒ No
BF37	Counter Controls	☒ Yes ☐ No	☒ Yes ☐ No
BF38	Currency Conversion Tables	☒ Yes ☐ No	☒ Yes ☐ No
BF39	Cyclic Accumulators Profile Controls	☒ Yes ☐ No	☒ Yes ☐ No
BF3A	Cyclic Accumulator Controls	☒ Yes ☐ No	☒ Yes ☐ No
BF42	Cyclic Accumulator Data	☒ Yes ☐ No	☐ Yes ☒ No
BF3E	GPO Parameters	☒ Yes ☐ No	☒ Yes ☐ No
BF3B	Issuer Options Profile Controls	☒ Yes ☐ No	☒ Yes ☐ No
BF3C	Limits Entries	☒ Yes ☐ No	☒ Yes ☐ No
BF40	Log Data Tables	Not Supported	Not Supported
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BF3F	Profile Controls	☒ Yes ☐ No	☒ Yes ☐ No

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