

Date: March 19, 2019



Seungil Lee

UBIVELOX Inc.
13F, Pan Pacific Building
12, Digital-ro, 31-gil, Guro-gu
Seoul 152-848
KOREA, REPUBLIC OF

Re: *EMVCo Letter of Approval – EMV CPA Application Card Product*

Approval Number: UBIV0302v1
Approval Date: March 19, 2019
Approval Expiration Date: February 18, 2022

Product Provider Name:	UBIVELOX Inc.
Registration Number:	UBIV.V 14 0077
Product Name: (as will appear on the EMVCo website list of approved products)	Ucard UBJ21-G24
Product Version: (as will appear on the EMVCo website list of approved products)	V1.0
Implementation Conformance Statement:	UBIV0302v1
IC Compliance Certificate:	ICCN0215 - 13-Jul-2015
Card Compliance Certificate:	CCN0145 - 18-Feb-2019
EMV Specification:	Version 4.3
EMV Specification Bulletins:	N/A
Card Level 1 Test Cases:	Version 4.3.a
Card Level 1 Test Cases Bulletins:	N/A
CPA Specification:	Version 1.0 - December 2005
CPA Specification Bulletins:	56 2nd Ed., 58 4th Ed., 60 2nd Ed., 61, 62 2nd Ed., 64, 65
CPA Test Cases:	Version 1.0.1
CPA Test Cases Bulletins:	N/A

Dear Seungil Lee,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for EMV CPA Application card type approval for the above referenced card product. In connection with your Request for Approval dated February 18, 2019 attached hereto as Attachment B, we have reviewed all reports submitted as evidence of compliance to EMV Specification, CPA Specification, and EMVCo security requirements.

After assessing such request, EMVCo has found reasonable evidence that the submitted samples of the above referenced card product sufficiently conform to EMV Specification and CPA Specification.

For a more detailed listing of the features supported by the card please review the Implementation Conformance Statement attached hereto as Attachment C.

EMVCo hereby (a) grants your EMVCo card type approval, based on the requirements stated in the EMV Specifications and CPA Specifications, and (b) agrees to include your EMV CPA Application card product in EMVCo's list of approved products. EMVCo card type approval does not extend to portions or components of a card or application that are not defined by the EMV Specification or CPA Specification. EMVCo's grant to your EMV CPA Application card product is subject to and specifically incorporates (i) the General Terms and Conditions to the Letter of Approval enclosed as Exhibit A, and (ii) the Specific Terms and Conditions to the Letter of Approval attached hereto as Attachment A. Because EMVCo's grant is subject to such limitations, including certain events of termination, you and any third parties should confirm that such approval is current and has not been terminated by referring to the EMVCo list of approved products.

This Letter of Approval is valid while the approval number is posted on the EMVCo website.

EMVCo, LLC, a Delaware limited liability company

By:

Name: Keith Fojtik

Title: EMVCo Card Type Approval Chair

Attachment A

Specific Terms and Conditions to Letter of Approval

During testing, the following issues were identified. Restrictions identified must be disclosed to customers (issuers or other product providers to whom the Product Provider intends to sell the product).

Restrictions, if any:

Comments, if any: