

Date: December 21, 2021



Spencer Brown

/n software, Inc.  
101 Europa Dr.  
Suite 110  
Chapel Hill 27517  
UNITED STATES OF AMERICA

**Re:** *EMVCo Letter of Approval – EMV 3-D Secure SDK Product*

**Approval / Reference Number:** 3DS\_LOA\_SDK\_NSOF\_020200\_00492

**Approval Date:** December 21, 2021

**Approval Expiration Date:** November 25, 2023

Product Provider Name: /n software, Inc.  
Registration Number: NSOF.V 18 0023  
3DS SDK Name: /n software 3-D Secure Android  
3DS SDK Version: 2.2  
Tested Operating System Version(s): Android 10  
Supported Operating System Version(s): Android 4.4 5 6 7 8 9 10 11  
Implementation Conformance Statement: 3DS\_ICS\_SDK\_NSOF\_020200\_00492  
EMV 3-D Secure Specification: Version 2.2.0,  
Version 2.1.0  
EMV 3-D Secure SDK Specification: Version 2.2.0,  
Version 2.1.0  
EMV 3-D Secure SDK Device Information: Version 1.4  
EMV 3-D Secure Specification Bulletin(s): SB204 v6, SB214 v2  
EMV 3-D Secure SDK Specification Bulletin(s): SB223 v1  
3-D Secure Test Plan Name: EMV® 3-D Secure 2.2.0 Test Plan  
3-D Secure Test Plan Version: 2.2.0.7  
3-D Secure Test Plan Bulletin(s): N/A  
EMV 3-D Secure SDK Device Information tested: Version 1.4  
EMV 3-D Secure Specification Bulletin(s) tested: SB204 v6, SB214 v2  
EMV 3-D Secure SDK Specification Bulletin(s) tested: SB223 v1

Dear Spencer Brown,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for EMV 3-D Secure approval for the 3DS SDK identified above. In connection with your request for approval, we have reviewed your report, identified by file number UL\_CompTestReport\_ID3229 which was generated by UL TS B.V..

After assessing such file, EMVCo has determined that the above referenced 3DS SDK sufficiently conforms to EMV® 3-D Secure – SDK Specification and EMV® 3-D Secure – Protocol and Core Functions Specification.

EMVCo hereby grants your 3DS SDK EMV 3-D Secure Approval, based on the requirements stated in the EMV 2.1.0 and/or 2.2.0 Specifications. Please note that EMVCo may publicly identify your 3DS SDK as an approved 3DS SDK, including in EMVCo's published list of approved 3DS SDK Products.

EMVCo's grant to your 3DS SDK is subject to 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 list of approved 3DS SDK published on the EMVCo website ([www.emvco.com](http://www.emvco.com))

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

EMVCo, LLC

By:

Name:

Title: EMVCo 3-D Secure Testing Group 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:**

# Attachment B

## Supported Options

This product has been tested for the following SDK options

Supported Orientation(s)	
Portrait	<input checked="" type="checkbox"/>
Landscape	<input checked="" type="checkbox"/>