

Date: May 23, 2023



Andrew CULLEN  
Windcave Limited  
33 Wilkinson Road  
Ellerslie  
Auckland 1060  
NEW ZEALAND

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

**Approval / Reference Number:** 3DS\_LOA\_SDK\_PAEL\_020200\_00672

**Approval Date:** May 23, 2023

**Approval Expiration Date:** May 5, 2025

Product Provider Name: Windcave Limited

Registration Number: PAEL.V 18 0057

3DS SDK Name: Windcave 3DS SDK

3DS SDK Version: 1.0.0

Tested Operating System Version(s): Android 8

Supported Operating System Version(s): Android 8 9 10 11 12 13

Implementation Conformance Statement: 3DS\_ICS\_SDK\_PAEL\_020200\_00672

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 1.5

EMV 3-D Secure Specification Bulletin(s): SB204 v6, SB214 v2, SB255 v1

EMV 3-D Secure SDK Specification Bulletin(s): SB225 v1

3-D Secure Test Plan Name: EMV® 3-D Secure 2.2.0 Test Plan

3-D Secure Test Plan Version: 2.2.0.8

3-D Secure Test Plan Bulletin(s): N/A

EMV 3-D Secure SDK Device Information tested: Version 1.5

EMV 3-D Secure Specification Bulletin(s) tested: SB204 v6, SB214 v2, SB225 v1, SB255 v1

EMV 3-D Secure SDK Specification Bulletin(s) tested: N/A

Dear Andrew CULLEN,

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\_ID2539 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"/>