

Date: September 16, 2022



Jari Heikkinen  
Modirum OÜ  
Narva Mnt 5-58  
Tallinn 10151  
ESTONIA

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

**Approval / Reference Number:** 3DS\_LOA\_DIS\_MOMD\_020200\_00606

**Approval Date:** September 16, 2022

**Approval Expiration Date:** August 24, 2024

Product Provider Name:	Modirum OÜ
Registration Number:	MOMD.V 17 0008
Directory Server Name:	Modirum Directory Server
Directory Server Version:	1.1
Operating System or Virtual Machine Name and Version:	FreeBSD 12.1
Implementation Conformance Statement:	3DS_ICS_DIS_MOMD_020200_00606
EMV 3-D Secure Specification:	Version 2.2.0, Version 2.1.0
EMV 3-D Secure Specification Bulletin(s):	SB204 v6, SB214 v2
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 Specification Bulletin(s) tested:	SB204 v6, SB214 v2

Dear Jari Heikkinen,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for EMV 3-D Secure approval for the Directory Server identified above. In connection with your request for approval, we have reviewed your report, identified by file number UL\_CompTestReport\_ID2559 which was generated by UL TS B.V..

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

EMVCo hereby grants your Directory Server 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 Directory Server as an approved Directory Server, including in EMVCo's published list of approved 3DS Products.

EMVCo's grant to your Directory Server 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 Directory Server 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:  DocuSigned by:  
E8F7D3AA2BC2435...

Name: Akif Qazi

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:**