



# MasterCard Accredited Testing Laboratories

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# Chapter 1 About MasterCard Accredited Testing Laboratories

*This section provides an overview of the MasterCard Laboratories Accreditation Process*

## Overview of MasterCard Accredited Testing Laboratories

This document provides an overview of MasterCard accredited testing laboratories that have qualified to perform Card Device Approval (CDA) and/or Acceptance Device Approval (ADA) - Formal Device Approval Services.

MasterCard has defined a set of Product Approval Services delivered to product vendors and software developers to help ensure brand integrity and cross-border interoperability for all MasterCard branded cardholder and acceptance devices including cards, mobiles and terminals.

Part of the product approval process is managed by Formal Device Approval Services, which validates vendor specific cardholder or acceptance devices against MasterCard requirements and guidelines. Formal tests exist for each area where cardholder and acceptance device product requirements are defined by MasterCard: analog, digital, and application interfaces, as well as interoperability, reliability and security tests. These tests are performed by accredited test laboratories.

These services operate within a model where MasterCard manages the relationship with vendors through product registration and approval or by evaluation of the vendor's quality assurance plan for their production lines (CQM and TQM), while third party companies and accredited laboratories, operate the testing approval process with vendors.

## How Accreditation Works

MasterCard accredits independent laboratories to provide Formal Device Approval Services to product vendors within the frame of the Chip Laboratory Accreditation Program. Acceptance of a candidate's application for lab accreditation is formalized through signature of a *Testing Laboratory Accreditation Agreement* by the candidate and MasterCard.

Accreditation audits verify a candidate's conformance to MasterCard accreditation requirements for Formal Device Approval Services. These audits are performed by MasterCard designated auditors selected by the candidate.

Accreditation of a candidate laboratory is formalized through signature of a *Letter of Accreditation* by MasterCard.

## Chapter 2 MasterCard Accredited Laboratories and Contact Information

*This section provides a list of MasterCard Accredited Laboratories and related contact information.*

### MasterCard Accredited Laboratories

Lab	Country	Card Product Testing	Mobile Secure Element Testing	NFC Mobile Device Testing	Mobile Payment Application Testing (Cloud based)	Contactless Reader Testing
Beijing Unionpay Card Technology Co., Ltd. (BCTC)	China	X	-	-	-	X
Cetecom ICT Services GmbH	Germany	X	X	X	X	X
Cetecom Limited	Korea	X	X	X	-	X
Cetecom, Inc.	USA	-	-	X	-	X
Elitt S.A.	France	X	-	-	-	-
FIME S.A.	France	X	X	X	X	X
FIME Korea Ltd	Korea	-	-	X	-	-
FIME America	Canada	-	-	X	X	X
Feima Ltd. – FIME ASIA	Taiwan	X	X	X	-	X
FIME JAPAN Co., Ltd	Japan	-	-	X	-	-
FIME USA, Inc.	USA	-	-	X	-	-
TüV SUD Ltd.	UK	-	-	-	-	X
UL VS Ltd.	UK	-	-	-	-	X

\* Secure Element products work with mobile devices with built-in contactless capability (such as, Single Wire Protocol [SWP] UICC, eSE products or SWP MicroSD).

Fully Encapsulated Secure Element (FESE) products enable mobile devices without factory installed contactless capability to be upgraded to incorporate this function. These products typically come in the form of a self-contained MicroSD or Sleeve and incorporate contactless technologies including an NFC controller, a Secure Element and an antenna.

\*\* NFC Mobile Device products are defined as SWP and/or eSE and/or HCE devices.

# Contact Information

The following tables provide contact information for accredited Chip testing laboratories.

Additional questions and information required by vendors regarding this list of laboratories may be forwarded to [chiplabaccreditationauthority@mastercard.com](mailto:chiplabaccreditationauthority@mastercard.com).

Lab	Company Details	Contact
<b>Beijing Unionpay Card Technology Co., Ltd. (BCTC)</b>	9th Building n° 26, West Waihuan Road, Fengtai District, 100070 Beijing - China	Mr. Andy Liu Email: liu.sp@bctest.com Tel: +86 10 52266902 Website: www.bctest.com
<b>Cetecom ICT Services GmbH</b>	Untertuerkheimer Strasse 6-10 66117 Saarbruecken - Germany	Mr. Jens Feldmann Email: Jens.Feldmann@cetecom.com Tel: +49 (0) 681 598 8518 Website: www.cetecom.com
<b>Cetecom Limited</b>	RN.221, Dusanventedigme Bldg, 415 Heungan-daero, Dongan-gu, Anyang-city, Gyeonggi-do, 431-755 - Korea	Mr. Norbert Dubost Email: norbert.dubost@cetecom.com Tel: +82 31 321 2988 Website: www.cetecom.com
<b>Cetecom, Inc.</b>	411 Dixon Landing Road Milpitas, CA 95035 - USA	Ms. Shashi Kumar Email: fermin.romero@cetecom.com Tel: +1 (408) 586 6307 Website: www.cetecom.com
<b>Elitt S.A.</b>	Campus EffiScience 8 rue Léopold Sédar-Senghor 14460 Colombelles - France	Mr. Thierry Chalumeau Email: thierry.chalumeau@elitt.com Tel: +33 (0)2 31 35 34 93 Website: www.elitt.com
<b>FIME S.A.</b>	8 rue du commodore Hallet 14000 Caen - France	Mr. Gilles Brehier Email: Gilles.Brehier@fime.com Tel: +33 (0) 2 31 44 69 44 Website: www.fime.com
<b>FIME Korea Ltd</b>	13F HiLiving Bldg., 890-16, Daechi 4-dong, Gangnam-gu, Seoul 135-839 - Korea	Mr. Stanley Cho Email: stanley.CHO@fime.com Tel: +82 (0)2 2051 0426 Website: www.fime.com
<b>FIME America</b>	1080 Côte du Beaver Hall, suite 1400 H2Z 1S8 Montreal, Quebec - Canada	Mr. Julien Urmes Email: julien.urmest@fime.com Tel: +1 (514) 935 1331 ext. 208 Website: www.fime.com
<b>Feima Ltd. – FIME ASIA</b>	Suite 1705, 17th Floor, No. 2, Lane 150, Sec. 5, Xinyi Road, Xinyi District, Taipei 110 - Taiwan	Mr. Olli-Pekka Palmu Email: olli-pekka.palmu@fime.com Tel: +886 2 6636 0452 Website: www.fime.com
<b>FIME JAPAN Co., Ltd</b>	ST Building 6F, 1-2-4 Shiba Koen, Minato-ku Tokyo, 105-0011	Mr. Taka Kadoyama Email: takahide.KADOYAMA@fime.com Tel: +81 (0) 3 6435 8020 Website: www.fime.com
<b>FIME USA, Inc.</b>	1737 North 1st Street Suite 410 San Jose, CA 95112 - USA	Mr. Julien Urmes Email: julien.urmest@fime.com Tel: +1 (514) 935 1331 ext. 208 Website: www.fime.com

<b>TüV SUD Ltd.</b>	Octagon House, Concorde Way, Segensworth North, Fareham, Hampshire PO15 5RL, UK	Mr. Alex Miller Email: Alex.Miller@tuv-sud.co.uk Tel: +44 (0) 1489 558290 Website: <a href="http://www.tuv-sud.co.uk">http://www.tuv-sud.co.uk</a>
<b>UL VS Ltd.</b>	Pavilion A Ashwood Park Basingstoke Hampshire RG23 8BG UK	Mr. Scott D'Adamo Email: Scott.DAdamo@ul.com Tel: +44 (0) 1256 312160 Website: <a href="http://www.ul-ts.com">www.ul-ts.com</a>