



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

	Country	Card Product Testing	Mobile Secure Element Testing*	Mobile Payment Application Testing (Cloud based)	Contactless Reader Testing
Beijing Unionpay Card Technology Co., Ltd. (BCTC)	China	X	-	-	X
CTC Advanced GmbH	Germany	X	X	X	X
Cetecom Limited	Korea	X	X	-	X
Cetecom, Inc.	USA	-	-	-	X
Elitt S.A.	France	X	-	-	-
FIME America	Canada	-	-	-	X
FIME Asia (Feima Ltd.)	Taiwan	X	X	X	X
FIME China	China	X	-	-	X
FIME Korea Ltd	Korea	-	-	-	X
FIME JAPAN Co., Ltd	Japan	-	-	-	X
FIME S.A.	France	X	X	X	X
TüV SUD Japan	Japan	-	-	-	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).

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.

Lab	Company Details	Contact
Beijing Unionpay Card Technology Co., Ltd. (BCTC)	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
CTC Advanced GmbH	Untertuerkheimer Strasse 6-10 66117 Saarbruecken - Germany	Mr. Jens Feldmann Email: Jens.Feldmann@cetecom.com Tel: +49 (0) 681 598 8518 Website: www.ctcadvanced.com
Cetecom Limited	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
Cetecom, Inc.	411 Dixon Landing Road Milpitas, CA 95035 - USA	Mr. Nicolas Stamber Email: US-TeamSmartCard@cetecom.com Tel: +1 (408) 586 6200 Website: www.cetecom.com
Elitt S.A.	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
FIME America	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
FIME Asia (Feima Ltd.)	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
FIME China	Unit 02, 23F, Lifetech Scientific Building, Ke Ji Nan 12th Road, South Area of High-tech Park, Nanshan District, Shenzhen, China (PRC) 518047	Mr. Olli-Pekka Palmu Email: olli-pekka.palmu@fime.com Tel: +886 2 55 94 01 46 Website: www.fime.com

FIME JAPAN Co., Ltd	ST Building 6F, 1-2-4 Shiba Koen, Minato-ku Tokyo, 105-0011	Taka Kadoyama Email: takahide.KADOYAMA@fime.com Tel: +81 (0) 3 6435 8020 Website: www.fime.com
FIME Korea Ltd	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
FIME S.A.	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
TÜV SUD Japan	ND Park Bldg. 2-9-15, Futaba, Shinagawa-ku, Tokyo, 142-0043 - Japan	Mr. Fabien Bocquet Email: Fabien.Bocquet@tuv-sud.jp Tel: +81 (0)3-6858-9145 Website: www.tuv-sud.jp
TÜV SUD Ltd.	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: www.tuv-sud.co.uk
UL VS Ltd.	Pavilion A Ashwood Park Basingstoke Hampshire RG23 8BG UK	Mr. Scott D'Adamo Email: Scott.DAdamo@ul.com Tel: +44 (0) 1256 312160 Website: www.ul-ts.com