

CB Certification Services

V1.1 Final



eftpos
Good for Australia

16 October 2013

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CB overview

In order to ensure all deployed eftpos Chip and Contactless products are compliant with the eftpos Rules and Specifications, eftpos has established a Certification Body (CB) to test and certify these products.

The eftpos CB uses an accredited laboratory to test eftpos Chip and Contactless products and will grant certification at the end of the test session, providing the product displays sufficient evidence of conformance to the eftpos Chip and Contactless specifications.

eftpos CB provides the following certifications:

- Card Functional (eCB CFC) for Contact, Contactless and Dual Interface cards.
This is obtained by card or chip manufacturers.
- Card Type (eCB CTC) for Contact, Contactless and Dual Interface cards.
This is obtained by card or chip manufacturers
- Contactless Card Type (eCB CCTC) for Contactless and Dual Interface cards.
This is obtained by card manufacturers or Personalisation bureaux
- Card Personalisation certification (eCB CPC) for Contact, Contactless and Dual Interface cards.
This is obtained by Issuers.
- Contactless Reader Functional (eCB CRC) for Contactless readers and Dual Interface devices.
This is obtained by Terminal vendors.
- Terminal Application Validation (eCB TAV and eCB CTAV) for Contact, Contactless and Dual Interface devices. This is obtained by Acquirers.

For more information about the eftpos CB services or details on eftpos Chip and Contactless certified card and terminal products please email:

certifications@eftposaustralia.com.au

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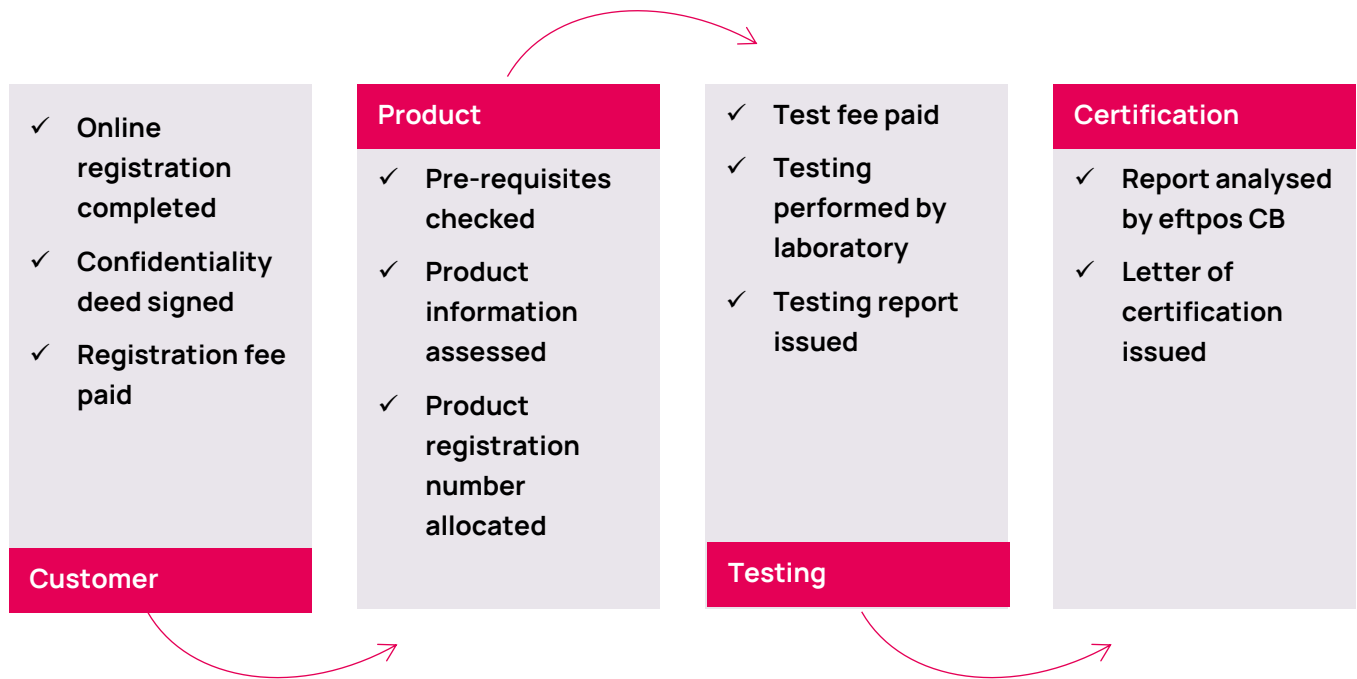
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CB process



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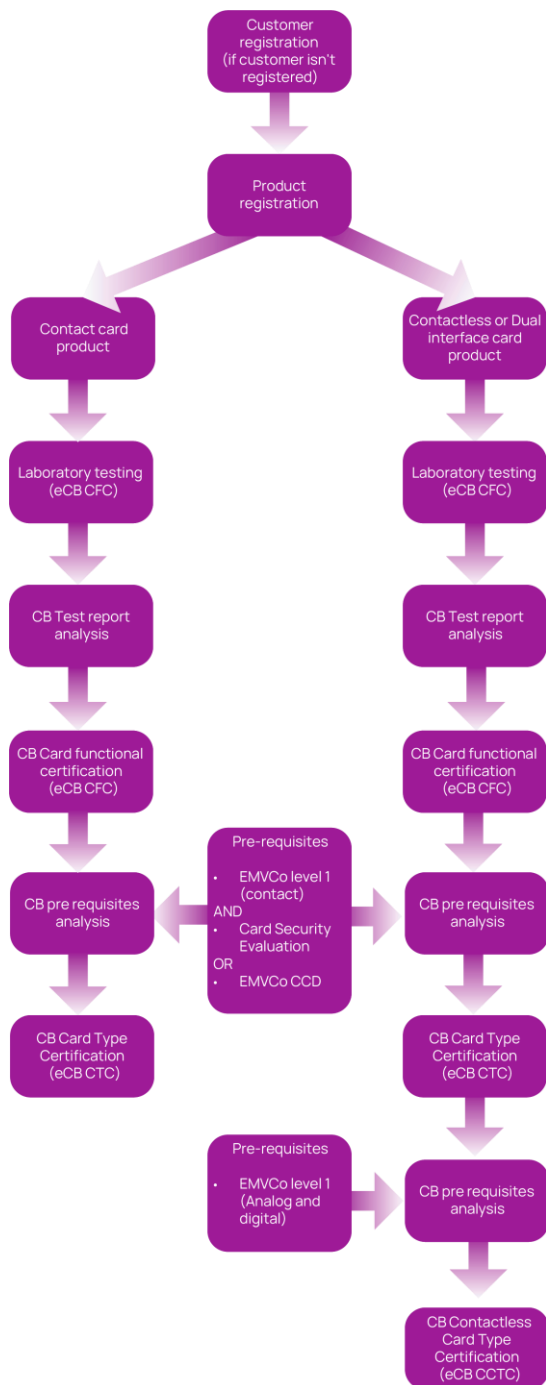


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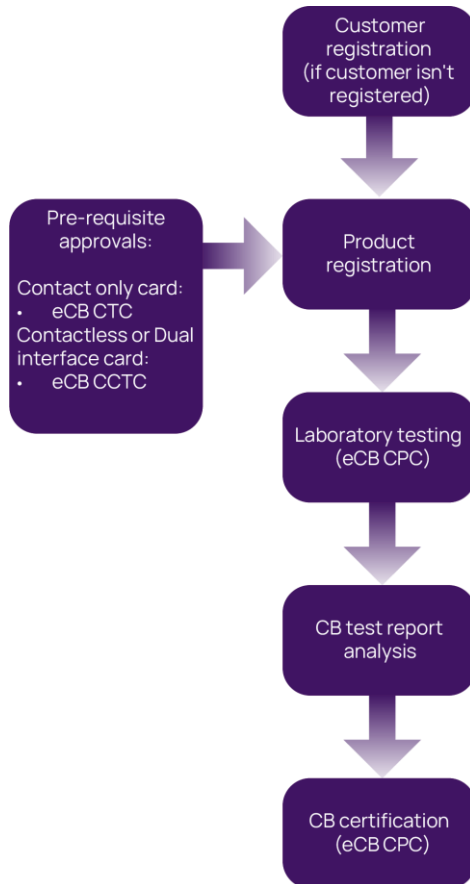
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CB process

Card type certification



Card personalisation certification



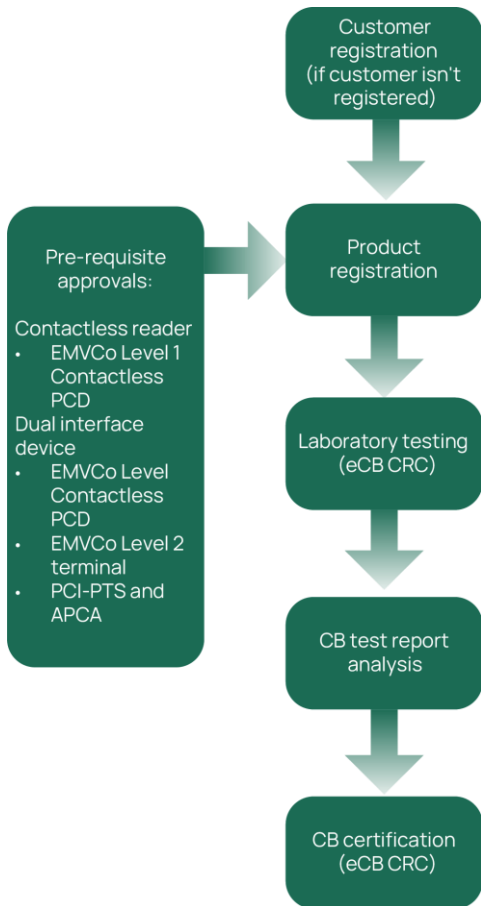
Key	
eCB CFC	eftpos Certification Body Card Functional Certification
eCB CTC	eftpos Certification Body Card Type Certification
eCB CCTC	eftpos Certification Body Contactless Card Type Certification
eCB CPC	eftpos Certification Body Card Personalisation Certification
eCB CRC	eftpos Certification Body Contactless Reader Certification
eCB TAV	eftpos Certification Body Terminal Application Validation
eCB CTAV	eftpos Certification Body Contactless Terminal Application Validation

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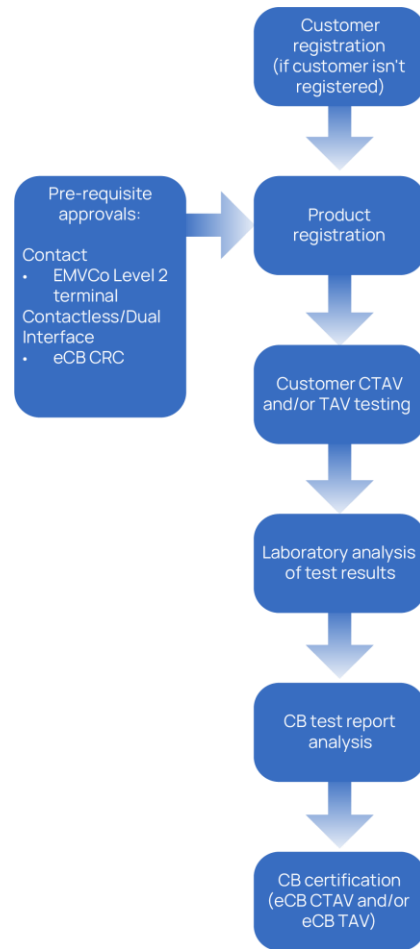
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CB process

Contactless reader functional certification



Terminal validation application



Key

eCB CFC	eftpos Certification Body Card Functional Certification
eCB CTC	eftpos Certification Body Card Type Certification
eCB CCTC	eftpos Certification Body Contactless Card Type Certification
eCB CPC	eftpos Certification Body Card Personalisation Certification
eCB CRC	eftpos Certification Body Contactless Reader Certification
eCB TAV	eftpos Certification Body Terminal Application Validation
eCB CTAV	eftpos Certification Body Contactless Terminal Application Validation

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CB procedures and certification

Certification/ process	Description	Pre-requisites approvals/ certification	Document bundle	Obtained by
eftpos CB Customer registration	Customer registration is a once only process and all customers need to be registered prior to registering products for testing/ certification.	N/A	eCB Customer reg procedure Member OR Service provider <ul style="list-style-type: none"> eCB Confidentiality Deed eCB Rate card 	All eftpos CB customers (Issuers, Acquirers, Personalisation Bureaux, Card/Chip manufacturers, Terminal Vendors)

Cards

eftpos CB Card Type Certification (eCB CTC)	Certifies that a specific card product has attained all the necessary pre-requisite approvals	eCB Card functional certification (eCB CFC) <ul style="list-style-type: none"> EMV CCD OR EMV Level 1 for contact AND Card security Evaluation 	eCB Card Type Certification procedure <ul style="list-style-type: none"> eCB Contact, Contactless and Dual interface PRIF ICS eCB Contact card image func requirements eCB Contactless card image func requirements eCB Card Security evaluation requirements¹ 	Card or Chip manufacturer or vendor
eftpos CB Card functional certification (eCB CFC)	Certifies that a specific card product complies with the eftpos ACE specifications.	N/A		
eftpos CB Contactless Card Type Certification (eCB CCTC)	Certifies that a contactless or dual interface card product has attained the necessary pre requisite approvals	EMV Level 1 Analog and Digital <ul style="list-style-type: none"> eCB CTC 	eCB Contactless card type certification procedure <ul style="list-style-type: none"> eCB CCTC PRIF 	Card or Chip manufacturer or vendor, or Personalisation Bureau

¹The eCB Card Security requirements document is in draft

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Certification/ process	Description	Pre-requisites approvals/ certification	Document bundle	Obtained by
eftpos CB Card Personalisation Certification (eCB CPC)	Certifies the personalisation aspects of the eftpos Chip card product against the requirements defined in the eftpos ACe Specifications and Issuer Personalisation Manual.	Contact only card products <ul style="list-style-type: none"> • eftpos CB Card Type Certification (eCB CTC) Contactless or Dual interface card products <ul style="list-style-type: none"> • eftpos CB Contactless Card Type Certification (eCB CCTC) 	<ul style="list-style-type: none"> • eCB CPC procedure • eCB CPC PRIF ICS 	Issuer

Terminals

eftpos CB Contactless Reader Functional Certification (eCB CRC)	Certifies that a specific Contactless reader product complies with the eftpos Chip Contactless reader specification.	Integrated reader² <ul style="list-style-type: none"> • EMVCo Level 1 Contactless approval • EMVCo Terminal Level 2 approval • PCI-PTS approval • APCA approval 	eCB Contactless Reader Functional Certification procedure <ul style="list-style-type: none"> • eCB Contactless Reader PRIF ICS • eftpos CB Test cases 	Terminal/reader vendor
		Intelligent/transparent reader²: <ul style="list-style-type: none"> • EMVCo Level 1 Contactless approval 	eCB Contactless Reader Functional Certification procedure <ul style="list-style-type: none"> • eCB Contactless Reader PRIF ICS • eftpos CB Test cases 	
eftpos CB Terminal Application Validation (eCB TAV and/or eCB CTAV)	Certifies that a specific terminal product (Contact terminal, dual interface terminal and contactless reader) complies with the eftpos Rules and Specifications.	Contact Terminal Application Validation: <ul style="list-style-type: none"> • EMVCo Terminal Level 2 • PCI-PTS approval • APCA approval 	Contact <ul style="list-style-type: none"> • eftpos CB TAV/CTAV procedure • eftpos CB TAV ICS and report • eftpos CB TAV User Manual • eftpos CB TAV Test cases 	Acquirer
		Intelligent/transparent reader Contactless Terminal Application Validation: <ul style="list-style-type: none"> • eCB CRC 	Intelligent/transparent reader <ul style="list-style-type: none"> • eftpos CB TAV/CTAV procedure • eftpos CB CTAV ICS and report • eftpos CB CTAV User Manual • eftpos CB CTAV Test cases 	

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Certification/ process	Description	Pre-requisites approvals/ certification	Document bundle	Obtained by
		Integrated reader (Dual Interface) Contactless Terminal Application Validation: <ul style="list-style-type: none"> • eCB CRC 	Integrated reader <ul style="list-style-type: none"> • eftpos CB TAV/CTAV procedure • eftpos CB TAV ICS and report • eftpos CB TAV User Manual • eftpos CB TAV Test cases • eftpos CB CTAV ICS and report • eftpos CB CTAV User Manual • eftpos CB CTAV Test cases 	

2. **Integrated reader** - The eftpos reader/kernel application is loaded into a device that is capable of communicating with the network and initiates a transaction by itself. The reader has a contact and contactless interface

Intelligent reader - The eftpos reader/kernel application is loaded into a device which does not have the ability to communicate with the network. The intelligent reader performs the transaction and shall connect to an eftpos Chip contact terminal to communicate with the network

Transparent reader - The eftpos reader/kernel application is loaded into a device which does not have the capability to communicate with the network. The transparent reader transmits the APDU commands/responses between the eftpos Chip contact terminal and the card while the terminal performs the transaction

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