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PayPass ISO/IEC 14443 (EMVCo)

Name	Version	Date	Document Category	Remarks
Contactless Protocol				
EMV Contactless Communication Protocol	V2.0	August 07	Technical	Available from EMVCo (www.emvco.com)
This EMVCo controlled document specifies the underlying communication protocol for all contactless payment cards and readers.				

PayPass Mag Stripe Documentation

Name	Version	Date	Document Category	Remarks
Technical specifications (Mag Stripe)				
Mag Stripe Application Note #14	-	October 10	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This application note provides new sample personalization data for the <i>PayPass</i> – Mag Stripe card application				
PayPass - Mag Stripe Technical Specifications	V3.3	December 07	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document specifies the transaction flow and exchange of commands and responses between a card and reader during a <i>PayPass</i> – Mag Stripe transaction. It also defines the <i>PayPass</i> – Mag Stripe card application having established the communication using the EMV Contactless Communications Protocol.				
PayPass – Mag Stripe Application Note #13	-	December 07	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document announces the release of the latest version of the specifications, and outlines the differences between this and the previous release including, if appropriate, any compliance dates				

Security Architecture (Mag Stripe)				
PayPass - Mag Stripe Security Architecture	V1.3	November 07	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document identifies and analyses security threats related to <i>PayPass</i> and its use. It describes the security solution applied to <i>PayPass</i> – Mag Stripe transactions, and provides recommendations for dynamic CVC3 configuration settings				

Implementation Guides (Mag Stripe)				
PayPass Mag Stripe Issuer Implementation Requirements	-	October 11	Implementation Guide	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document describes issuer considerations when implementing <i>PayPass</i> – Mag Stripe.				

PayPass Branding Guidelines

Name	Version	Date	Document Category	Remarks
Contactless Protocol				
MasterCard PayPass Brand Standards	V9.0	June 09	Technical	This document is additionally available on CD from license@paypass.com and from MasterCard Online
This document provides guidelines for understanding and using the MasterCard <i>PayPass</i> identity. This includes the brand mark, logotype, and trademark designation.				
Maestro PayPass Brand Standards	V02	September 07	Technical	This document is additionally available on CD from license@paypass.com and from MasterCard Online
This document provides guidelines for understanding and using the Maestro <i>PayPass</i> identity. This includes the brand mark, logotype, and trademark designation.				

PayPass M/Chip Documentation

Name	Version	Date	Document Category	Remarks
Technical specifications (M/Chip)				
PayPass – M/Chip Application Note #23	-	May 2011	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document announces the release of version 3.0 of the <i>PayPass</i> - M/Chip Reader Card Application Interface Specification				
PayPass - MChip Reader Specification	V3.0	May 2011	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document specifies the transaction flow and exchange of commands and responses between a card and reader during a <i>PayPass</i> – M/Chip transaction. It defines the internal processing of the <i>PayPass</i> – M/Chip reader application. Terminal vendors intending to implement this specification should contact specifications@paypass.com to receive the latest list of Errata to the document.				
PayPass – M/Chip Application Note #18	-	April 2010	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document announces the release of version 2.1 of the <i>PayPass</i> - M/Chip Reader Card Application Interface Specification				
PayPass - MChip Reader Card Application Interface Specification	V2.1	April 2010	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document specifies the transaction flow and exchange of commands and responses between a card and reader during a <i>PayPass</i> – M/Chip transaction. It defines the internal processing of the <i>PayPass</i> – M/Chip reader application.				
PayPass - MChip 4 Card Technical Specification	V1.3.1	September 08	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document provides the specification of the <i>PayPass</i> – M/Chip 4 application on a dual interface card (contact and contactless).				
PayPass – M/Chip Flex Technical Specifications	V1.1	October 06	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document provides the specification of the <i>PayPass</i> – M/Chip Flex application on a dual interface card (contact and contactless).				
Security Architecture (M/Chip)				
PayPass - M/Chip Security Architecture	V1.2	November 07	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document identifies and analyses security threats related to the <i>PayPass</i> M/Chip environment. It describes the <i>PayPass</i> security solution as applied to <i>PayPass</i> – M/Chip transactions, including EMV online and offline card authentication mechanisms.				
Implementation Guides (M/Chip)				
MasterCard <i>PayPass</i> M/Chip, Issuer Guide	V1.0	September 08	Implementation Guide	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document describes issuer considerations for <i>PayPass</i> implementations on either the <i>PayPass</i> – M/Chip 4 or <i>PayPass</i> – M/Chip Flex card platform.				

PayPass M/Chip Implementation Testing Documentation

Name	Version	Date	Document Category	Remarks
Personalisation (All <i>PayPass</i> Products)				
End to End Demonstration (ETED) Process Guide	-	January 09	Process	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document outlines the testing requirement for final end to end solution demonstrations to be carried out by issuers and acquirers for <i>PayPass</i> M/Chip implementations				

PayPass Personalization Documentation

Updated

Name	Version	Date	Document Category	Remarks
Personalisation (All PayPass Products)				
PayPass Personalization Data Specifications (PDS)	V1.7	December 11	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document defines a set of personalization profiles supporting the MasterCard and Maestro products for all <i>PayPass</i> card platforms (Mag Stripe, M/Chip 4 and M/Chip Flex)				
MChip Application Note #21	-	October 10	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This application note provides clarification regarding recent the personalization of <i>PayPass</i> cards in online-only mode				
M/Chip Card Personalization - Standard Profiles (including PayPass)	-	April 11	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document provides a set of standard card personalization profiles that issuers can use to personalize M/Chip 4 contact chip and dual interface <i>PayPass</i> Cards. This document does not support M/Chip Flex cards				

PayPass Performance Measurement

Name	Version	Date	Document Category	Remarks
Performance Measurement				
PayPass Performance Measurement	V1.4	June 11	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document defines a method for accurate measurement of <i>PayPass</i> transaction time. It is used when assessing the performance of <i>PayPass</i> cards and readers during product development and type approval.				
PayPass Application Note #3	-	January 09	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document contains information concerning policy changes for product renewal and derived product approval of <i>PayPass</i> approved products				
PayPass Application Note #2	-	January 08	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
This document introduces new performance requirements for <i>PayPass</i> cards and terminals and dates when they are to become effective				

Vendor Testing - Quality Management

Name	Version	Date	Document Category	Remarks
Terminal Quality management (TQM)				
PayPass Terminal Quality Management Requirements	V1.1	May 07	Process	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
TID Questionnaire	V1.0	December 06	Process	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
VOD questionnaire	V1.0	December 06	Process	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
The above documents are required for all <i>PayPass</i> terminal vendors to be able to complete the <i>PayPass</i> TQM process				
Card Quality Management (CQM)				
Card Quality Management (CQM) Technical Annex	V2.0	November 08	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
Card Quality Management (CQM) Validation process	V2.0	September 07	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
Card Quality Management Requirements	V1.97	December 06	Technical	Available to <i>PayPass</i> licensees as a download from the Secured Documentation page
The above documents are required for all <i>PayPass</i> card vendors to be able to complete the <i>PayPass</i> CQM process				