

Oracle® Retail EFTLink

Release Note

Release 19.0

F23643-01

December 2019

This document highlights the major changes for Release 19.0 of Oracle Retail EFTLink.

Overview

Oracle Retail EFTLink is a middleware product that enables Oracle to remove Xstore Point of Service from the costly and frequently changing Payment Application Data Security Standard (PA-DSS).

As retailers continue to investigate the most cost effective ways in which they can become compliant with PCI standards, EFTLink provides a tested and mature approach that is already deployed in over ten countries. The solution has been adopted as the strategic approach for Xstore Point of Service and enables the rapid support of payment solutions in new markets by working with payment providers who are local and/or offer an extensive international network.

EFTLink uses an industry-standard interface to the point of service and then translates the messages to the relevant format provided by the payment provider, enabling the POS to be outside of the payment scope.

In addition to providing the payment foundation for Xstore Point of Service, EFTLink is compatible with the Oracle Retail Xstore Point of Service Lane Checkout User Interface which also targets the convenience store market.

Functional Enhancements

The following is a list of functional enhancements made to EFTLink since the last release.

- EFTLink Installer and Upgrader via InstallX
- EFTLink
 - Alternative Payments API
 - Record Payment Provider (hardened specific token support in server mode)
 - Whitelist Evoucher non PCI data
 - Line Display Tender Support - implemented by:
 - Adyen
 - AJB FiPay
 - Cayan
 - Merchant Link

- OPI Retail
- PointUS
- Tender Retail
- EPS Core Extensibility
 - Adyen (Custom forms - deviceAccess only)
 - AJB FiPay
 - Merchant Link
 - PointUS
 - Tender Retail (Custom forms - deviceAccess only)
- OPI Retail
 - Alternative Payments (for example, AliPay/WeChat)
 - * Payment provider PED initiated
 - * Xstore tender initiated - customer scans code on mobile device to authorize
 - * Xstore customer data captured for direct authorization
 - Card Acquisition (Tax free shopping)
 - Gift Card PIN Entry
 - Gift Card Entry Mode
 - Gift Card Provider
 - Evoucher
 - Miscellaneous Data
 - Tender Lines
- Tender Retail
 - SVS PIN entry support
 - Givex support
 - EVoucher support
 - Fallback to manual entry at PED for Gift Cards
 - Automate PED initialization

Noteworthy Defects

This is a summary of the bug fixes in this release. This is for retailer information, and no action is required by sites.

Table 1 Noteworthy Defects

Core	Resolved Issue	Defect Number
EFTLink	Starting EFTLink in PEDPool mode showed errors in EFTLink logs.	30286800
EFTLink	EFTLink v17 certificate error 53 on startup.	30332473
Adyen	Gift card activate void did not deactivate the gift card.	29246518
Adyen	Cobranded CUP card being processed as Visa or MasterCard.	29682450
AJB FiPay	EFTLink does not process PLCC signup/lookup responses in FiPay core.	29344418
AJB FiPay	Added field for terminal id for PED pooling support on EFTLink/Xstore/Xstore Mobile in the FiPay core.	29932777
AJB FiPay	Incorporated Cancel message changes in base EFTLink v17.0.2 to be compatible with latest FiPay specification.	30051013
AJB FiPay	Fipay - double charges.	30101640
AJB FiPay	Double charges with initdebit disabled.	30200140
AJB FiPay	Payment cancellation request caused transactions to be out of synchronization.	30284049
AJB FiPay	JVM bind errors were causing issues with payment.	30539753
Merchant Link	PINpad shows time-out error, but Xstore doesn't show correct error.	29790411
Merchant Link	EFTLink gift card remaining balance is not coming back to Xstore.	30056562
PointUS	PointUS close session issue.	30035452
PointUS	Repairing and auth processing only sends request to last paired PED.	30080299
PointUS	EFTLink v18 multiple PED pairing in pooling mode is not reading saved MAC file.	30080310
PointUS	EFTLink not sending payment_type tag to PointUS even after making changes to epsrequest.	30152568
PointUS	Signature capture disabled on devices such as Verifone E355 that do not support electronic signature.	30401604
PointUS	Tran counter error at start of day.	30393774
PointUS	Payment subtype added in EFTLink payment capture request.	30452335
Solve Connect	Fixed issue with EFTLink not sending PedLogoof Request.	30489713
Tender Retail	EFTLink to support Givex gift cards.	29616907
Tender Retail	Xstore not able to send get token request to Tender Retail though EFTLink.	29790213
Tender Retail	EFTLink is not sending approved amount as a part of tender total amount in cardserviceresponse.	30120463

Table 1 (Cont.) Noteworthy Defects

Core	Resolved Issue	Defect Number
Tender Retail	Card types are not mapping correctly within EFTLink when returned from Tender Retail MCM.	29336455
Tender Retail	Feature required to automate a PED initialization through EFTLink.	29714038
Tender Retail	Need EFTLink to send a code 234 for gift card activate transactions.	29753159
Tender Retail	EComm cashout is asking for swipe card on PINpad.	29771083
Tender Retail	PINpad shows time-out error, but Xstore doesn't show correct error.	29771147
Tender Retail	When a card is declined and rejected auth it's not showing card details on receipt, audit or ejournal using Tender Retail core.	29931820
Tender Retail	Transaction reversed as signature data from MCM is putting an end character.	30120434
Tender Retail	Change requested for EFTLink to suppress device request when SAF clear returns from MCM as failed.	30120454
Tender Retail	Gift card tender exchange (cashout) transaction displays as keyed on receipt when card is swiped.	30159619
Tender Retail	Gift card activate transactions are incorrectly returning approved amount of 0.00.	30303024
Tender Retail	When processing an invalid/declined card, EFTLink is sending "signature ok?" message back to Xstore.	30172434
Tender Retail	Adding more than 460 items to a transaction caused EFTLink to get out of step.	30411837
OPI Retail	Currency code conversion.	29871974
OPI Retail	Check Auth - DRIVER_LICENSE mismatch.	29925582
OPI Retail	All ChequeIDType descriptions aren't mapped to the type codes.	29936539
OPI Retail	DCCIndicator mandatory check fails.	29872035
OPI Retail	OriginalType of Trans Type 39/51/52 isn't sent on transaction inquiry request.	29949159
OPI Retail	GiftCard activate and reload doesn't support Transaction Inquiry Message.	29949206
OPI Retail	Electronic signature is incorrectly converted when the mimeType=3ba.	30031848

Related Documents

For more information, see the following documents in the Oracle Retail EFTLink Release 19.0 documentation set:

- *Oracle Retail EFTLink Core Configuration Guide*
- *Oracle Retail EFTLink Framework Installation and Configuration Guide*
- *Oracle Retail EFTLink Security Guide*
- *Oracle Retail EFTLink Validated Partner Cores Guide*
- *Oracle Retail EFTLink Validated OPI Partners Guide*

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