

GlobalPayments SDK (C#)

Release Notes

Doc version 1.4.6
December 07, 2022

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About this document

This document provides historical information about the SDK builds and releases of the C# SDK.

The build versions, the components used for each build, the test environment, and the bug or defect fixes done on the application are included in this document. Known limitations or issues or similar information about a release is also specified in this document.

Intended Audience

This document is intended for software developers, development managers, quality assurance engineers, integration partners, and other GlobalPayments SDK personnel who need to know the release information of the GlobalPayments SDK.

Version History

Version	Release Date	Description/Summary of changes
ING-CSRP-1.4.6	December 07, 2022	Fixed this issue: <ul style="list-style-type: none"> XML Parser error
ING-CSRP-1.4.5	November 23, 2022	Fixed this issue: <ul style="list-style-type: none"> SDK timeout does not reset when sending transaction
ING-CSRP-1.4.4	October 14, 2022	Fixed this issue: <ul style="list-style-type: none"> Intermittent parsing issue Added TableId in REP field Created handler for new REP Fields
ING-CSRP-1.4.3	August 23, 2022	<ul style="list-style-type: none"> Include version number in SDK library filename/properties
ING-CSRP-1.4.2	April 04, 2022	Fixed this issue: <ul style="list-style-type: none"> First transaction failing on SDK after terminal reboot
ING-CSRP-1.4.1	March 09, 2022	Fixed the ff. issue: <ul style="list-style-type: none"> SDK disconnects XML is being returned with the request type GlobalUK.PATRequestType.EndOfDayReport not GlobalUK.PATRequestType.Ticket
ING-CSRP-1.4.0	Dec 17, 2021	Added AutoTicket support on the ff. transaction: <ul style="list-style-type: none"> Sale Referral Confirmation Refund Hotel PreAuth Hotel Completion Account Verification Logon Reverse Duplicate
ING-CSRP-1.3.1	Aug 25, 2021	<ul style="list-style-type: none"> Update SDK ParseResponse Method to separate logging methods on debug version and release version Add SDK client list array size checking to ensure atleast 1 device is still connected when sending and receiving data Reuse WaiterId, TableId, TerminalID, and TerminalCurrency to display on TableReceipt Request and TransactionOutcome Request for Pay@Table Mode
ING-CSRP-1.03.00	Jul 12, 2021	<ul style="list-style-type: none"> Add multiple device connection support for Pay@Table Mode Update SDK Test App to support multiple device functionality by implementing transaction queuing

Release Summary

- [ING-CSRP-1.4.6](#) (**New**)
- [ING-CSRP-1.4.5](#)
- [ING-CSRP-1.4.4](#)
- [ING-CSRP-1.4.3](#)
- [ING-CSRP-1.4.2](#)
- [ING-CSRP-1.4.1](#)
- [ING-CSRP-1.4.0](#)
- [ING-CSRP-1.3.1](#)
- [ING-CSRP-1.03.00](#)

ING-CSRP-1.4.6

About this Release

Date: December 07, 2022

SDK Build and Test Environment

Model	Desk5000
TID	22165969
S/N	201497303000000315057405
P/I	TCA30000003T
P/C	M70
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9057 SP3 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 09.04 CRC: 1bef EMVEng Version: 06.34 CRC: 2b6d EMVCm Version: 01.01 CRC: 7905

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Updates	Resolution
XML Parser Error	<ul style="list-style-type: none">Changed encoding from ASCII to ISO-8859-1

ING-CSR-1.4.5

About this Release

Date: November 23, 2022

SDK Build and Test Environment

Model	Lane 3000
TID	22160390
S/N	191367313011101004587154
P/I	TRD30111010A
P/C	M83
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 RC6
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: 3402

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Updates	Resolution
SDK timeout does not reset when sending transaction	<ul style="list-style-type: none">Updated to reset timeout when sending a new command

ING-CSRP-1.4.4

About this Release

Date: October 14, 2022

Note:

- This SDK version is Developer implemented and done only with regression testing in Lane 3000 and not verified by Quality Assurance.
- The verification of the issue in Desk 5000 will be done by another team.

SDK Build and Test Environment

Model	Lane 3000
TID	22160390
S/N	191367313011101004587154
P/I	TRD30111010A
P/C	M83
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 RC6
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: 3402

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Updates	Resolution
Intermittent parsing issue	<ul style="list-style-type: none">• Added TableId in REP Field• Created handler for new REP Field

ING-CSR-1.4.3

About this Release

Date: August 23, 2022

SDK Build and Test Environment

Model	Lane 3000
TID	22160390
S/N	191367313011101004587154
P/I	TRD30111010A
P/C	M83
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 RC6
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: 3402

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Updates	Resolution
Include version number in SDK library filename/properties	Added the appropriate details to the file version and product version

ING-CSRP-1.4.2

About this Release

Type of Release: Official

Date: April 04, 2022

SDK Build and Test Environment

Model	Lane 3000
TID	22160390
S/N	191367313011101004587154
P/I	TRD30111010A
P/C	M83
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 RC6
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: 3402

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Issue	Resolution
First transaction failing on SDK after terminal reboot	Added handling of returned value 0 which means that the network connection is already disconnected. Once received a 0 value, the SDK will clear the connection.

ING-CSRP-1.4.1

About this Release

Type of Release: Official

Date: March 09, 2022

SDK Build and Test Environment

Model	Move 3500
TID	22164769
S/N	182927303071047303328640
P/I	TWE307104738
P/C	M75
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: a698

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Fixed the ff. issue:

- Disconnection issue due to Exceptions thrown by the SDK during idle time.
- XML is being returned with the request type GlobalUK.PATRequestType.EndOfDayReport not GlobalUK.PATRequestType.Ticket

ING-CSRP-1.4.0

About this Release

Type of Release: Official

Date: December 17, 2021

SDK Build and Test Environment

Model	Move 3500
TID	22164769
S/N	182927303071047303328640
P/I	TWE307104738
P/C	M75
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: a698

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

AutoTicket support on the ff. transaction:

- Sale
- Referral Confirmation
- Refund
- Hotel PreAuth
- Hotel Completion
- Account Verification
- Logon
- Reverse
- Duplicate

ING-CSRP-1.3.1

About this Release

Type of Release: Official

Date: August 25, 2021

SDK Build and Test Environment

Model	Move 3500
TID	22164769
S/N	182927303071047303328640
P/I	TWE307104738
P/C	M75
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: a698

Module	Target Framework
Library	.NET Standard 2.0
Test App/Simulator	.NET Core 3.1

What's in this release?

Issues	Fix
Object Reference not set to an instance of an object	Update SDK ParseResponse method to separate Logging method calls on debug version and release version
Index out of range	Add SDK client list array size checking to ensure at least 1 device is still connected when sending and receiving data.
Missing WaiterID and TableID	Reuse WaiterId and TableID to display on XML Control and Confirmation Control for Pay@Table Mode

ING-CSRP-1.03.00

About this Release

Type of Release: Official

Date: July 12, 2021

SDK Build and Test Environment

Model	Move 3500
TID	22164769
S/N	182927303071047303328640
P/I	TWE307104738
P/C	M75
Application	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b EMVEng Version: 6.11 CRC: 2ec3 EMVCm Version: 01.01 CRC: a698

What's in this release?

Updates	Description
Multiple Terminal Support for SDK	Added support on SDK for multiple Ingenico terminals to cater simultaneous Pay@Table Requests.
SDK Transaction Queuing	Added transaction queuing system on SDK Test App Pay@Table Mode to demonstrate the functionality of the multiple device support.