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# GlobalPayments SDK (Java Android)

## Release Notes

Doc version 1.2.2  
October 14, 2022

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## About this document

This document provides historical information about the SDK builds and releases of the Java Android 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-JVAD-1.2.2	October 14, 2022	Fixed the following issue: <ul style="list-style-type: none"><li>● Include version number in SDK library filename/properties</li><li>● Aligned SDK Document version with the current library release version</li></ul>
ING-JVAD-1.2.1	March 23, 2022	Fixed the following issue: <ul style="list-style-type: none"><li>● SDK disconnection on idle</li><li>● XML is being returned with the request type GlobalUK.PATRequestType.EndOfDayReport not GlobalUK.PATRequestType.Ticket</li></ul>
ING-JVAD-1.2.0	Feb 14, 2022	Added AutoTicket support on the ff. transaction: <ul style="list-style-type: none"><li>● Sale</li><li>● Refund</li><li>● Hotel PreAuth</li><li>● Hotel Completion</li><li>● Account Verification</li><li>● Duplicate</li><li>● Reverse</li><li>● Logon</li></ul>
ING-JVAD-1.1.1	Aug 27, 2021	<ul style="list-style-type: none"><li>● Add SDK client list array size checking to ensure atleast 1 device is still connected when sending and receiving data</li><li>● Reuse WaiterId, TableId, TerminalID, and TerminalCurrency to display on TableReceipt Request and TransactionOutcome Request for Pay@Table Mode</li></ul>
ING-JVAD-1.1.0	Aug 12, 2021	<ul style="list-style-type: none"><li>● Add multiple device connection support for Pay@Table Mode</li><li>● Update SDK Test App to support multiple device functionality by implementing transaction queuing</li></ul>

## Release Summary

- [ING-JVAD-1.2.2](#) **(New)**
- [ING-JVAD-1.2.1](#)
- [ING-JVAD-1.2.0](#)
- [ING-JVAD-1.1.1](#)
- [ING-JVAD-1.1.0](#)

## ING-JVAD-1.2.2

### About this Release

Type of Release: Official  
Date: October 14, 2022

### SDK Build and Test Environment

#### Java Version

Java version "1.8.0\_281"  
Java(TM) SE Runtime Environment (build 1.8.0\_281-b09)  
Java HotSpot(TM) 64-Bit Server VM (build 25.281-b09, mixed mode)

#### Device Information

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 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b  EMVEng Version: 6.11 CRC: 2ec3  EMVCm Version: 01.01 CRC: 3402
Android Version	Version 7

Module	MinSdkVersion	TargetSdkVersion
Library	21	30
Test App/Simulator	21	30

### What's in this release?

Fixed the issue:

- Include version number in SDK library filename/properties
- Aligned SDK Document version with the current library release version

Note: To check the current version of the manifest file, the user will need to open the AAR through Winzip or similar tool to see the package versions located inside the libs folder. See the reference below.

*globalpayments-sdk-debug-1.2.2\AndroidManifest.xml*

## ING-JVAD-1.2.1

### About this Release

Type of Release: Official  
Date: March 23, 2022

### SDK Build and Test Environment

#### Java Version

Java version "1.8.0\_281"  
Java(TM) SE Runtime Environment (build 1.8.0\_281-b09)  
Java HotSpot(TM) 64-Bit Server VM (build 25.281-b09, mixed mode)

#### Device Information

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 Tetra
Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b  EMVEng Version: 6.11 CRC: 2ec3  EMVCm Version: 01.01 CRC: 3402
Android Version	Version 7

Module	MinSdkVersion	TargetSdkVersion
Library	21	30
Test App/Simulator	21	30

### What's in this release?

Fixed the following 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-JVAD-1.2.0

### About this Release

Type of Release: Official  
Date: February 14, 2022

### SDK Build and Test Environment

#### Java Version

Java version "1.8.0\_281"  
Java(TM) SE Runtime Environment (build 1.8.0\_281-b09)  
Java HotSpot(TM) 64-Bit Server VM (build 25.281-b09, mixed mode)

#### Device Information

Model	Lane 3000
TID	22160390
S/N	191367313011101004587154
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Kernel	Version 6.5
EMV	EMVdc Version: 08.38 CRC: f87b  EMVEng Version: 6.11 CRC: 2ec3  EMVCm Version: 01.01 CRC: 3402
Android Version	Version 7

Module	MinSdkVersion	TargetSdkVersion
Library	21	30
Test App/Simulator	21	30

### What's in this release?

Updates	Description
AutoTicket support	Added AutoTicket support on the ff. transaction: <ul style="list-style-type: none"><li>• Sale</li><li>• Refund</li><li>• Hotel PreAuth</li><li>• Hotel Completion</li><li>• Account Verification</li><li>• Duplicate</li><li>• Reverse</li><li>• Logon</li></ul>

## ING-JVAD-1.1.1

### About this Release

Type of Release: Official

Date: Aug 27, 2021

### SDK Build and Test Environment

<b>Model</b>	Move 3500
<b>TID</b>	22164769
<b>S/N</b>	182927303071047303328640
<b>P/I</b>	TWE307104738
<b>P/C</b>	M75
<b>Application</b>	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
<b>Kernel</b>	Version 6.5
<b>EMV</b>	EMVdc Version: 08.38 CRC: f87b  EMVEng Version: 6.11 CRC: 2ec3  EMVCm Version: 01.01 CRC: a698
<b>Android Version</b>	Version 7 and 11

Module	MinSdkVersion	TargetSdkVersion
Library	21	30
Test App/Simulator	21	30

### What's in this release?

Issue	Fix
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 Fragment and Confirmation Fragment for Pay@Table Mode

## ING-JVAD-1.1.0

### About this Release

Type of Release: Official

Date: Aug 12, 2021

### SDK Build and Test Environment

<b>Model</b>	Move 3500
<b>TID</b>	22164769
<b>S/N</b>	182927303071047303328640
<b>P/I</b>	TWE307104738
<b>P/C</b>	M75
<b>Application</b>	Name: PAYMENT APP Version: 97.12.01 TMS: 9054 SP6 Tetra
<b>Kernel</b>	Version 6.5
<b>EMV</b>	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.