

HYPERPAY

SAMSUNG PAY ONBOARDING V.1.1

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This document describes the relevant functionalities of Samsung Pay and how to integrate Samsung Pay. Please refer to Hyperpay online documents for more details as well and for further updates.

If you are using any CMS (like: Magento, WordPress WooCommerce,..) contact us to provide you with HyperPay updated plugin version that support Samsung Pay.

*The merchant account with HyperPay should be configured on BIP for **Samsung Pay** this by contacting the technical resource/account manager then you will be ready to work on this document.*

The merchant id should support Samsung Pay, check this by contacting the account manager.

SAMSUNG PAY REQUIREMENTS



Samsung Pay transactions are credit card transactions in which card information is tokenized and encrypted by Samsung in Payment Payload.

- Supported integrations Samsung Pay is available in the following integration options:

- OPP COPY and PAY
- Server-to-Server
- Mobile SDK

- Samsung Pay Onboarding Requirements (for Sandbox and Production):

1. [Samsung Developer Account](#). Verified account. (to be created and verified by the merchant).
2. Obtain Service IDs (Web and InApp) from Samsung Pay (by the merchant).
3. Samsung Wallet running on a [supported devices](#) (sandbox and production).
4. Merchant Id support SamsungPay (by the Acquirer).
5. Configuration on BIP for Samsung Pay 'Web and InApp' (by Hyperpay technical resource).
6. Separate Entity ID will be created for Samsung Pay Payments and sent to the merchant (provided by Hyperpay technical resource).
7. Samsung Pay CSR generation for InApp & Web on BIP and uploaded it on SamsungPay developer account.
8. mSDK: Use the Latest Hyperpay mSDK version that supports Samsung Pay.
9. mSDK: Apply [mSDK Implementation](#) for the Samsung Pay (by the merchant).

OPP COPYANDPAY- SAMSUNGPAY

To Integrate Samsung Pay on Web using COPYandPAY please follow the same COPYandPAY API guide.
COPYandPAY integration guide : <https://hyperpay.docs.oppwa.com/integrations/widget>

- Generate the checkout Id using the **new Entity Id of SamsungPay** (step 1 COPYandPAY API guide)

- To display the Samsung Pay button in COPYandPAY, use the brand **SAMSUNGPAY**

Add SAMSUNGPAY in the payment form (step number2 in COPYandPAY API guide).

```
<form action="{shopperResultUrl}" class="paymentWidgets" data-brands="SAMSUNGPAY"></form>
```

* The merchant must **comply with PCI-DSS v.4 Requirement 6.4.3**. Make sure to apply these mandates in your integration.

Web Flow Details

- When the Samsung Pay button is clicked, a transaction of type **AD (Account Discovery)** with brand **SAMSUNGPAY** is created. Its status is Pending.
- Upon successful authentication, an encrypted payment token is transmitted by Samsung Pay. The AD transaction is completed.
- The payment token is decrypted, and a payment transaction is created to charge the card. Note that the brand of the payment transaction is the **card brand** (*not* SAMSUNGPA).

MOBILE SDK - SAMSUNGPAY

To process Samsung Pay payments with our SDK follow [Mobile SDK Integration Guide](#)

* Make sure to use new mSDK version that's support Samsung Pay.

Mobile Flow Details

- In-app Samsung Pay must be initiated on a Samsung device. The payment is completed natively inside the app.
- There are no AD transactions.
- The brand of the payment transaction is the card brand (*not* SAMSUNGPAY).

SERVER-TO-SERVER - SAMSUNGPAY

Follow [Server-to-Server Integration Guide](#)

You can send the encrypted payment token as is. Send the following parameters with other parameters in a server-to-server call:

1. **paymentBrand=SAMSUNGPAY**
2. **samsungPay.paymentToken**={"data":{"eyJhbGciOiJSU0ExXzUiLCJraWQiOiJCaG91a1h2aFV4WU5wOFIwVGs2Y250aCtZWwFqZXhleHRVZ0VdHlHYY9NPSIsInR5cCI6IkpPU0UiLCJjaGFubmVsU2VjdXJpdHIDb250ZXh0IjoiaUINBX1BLSSIsImVuYyY6IklExMjhHQ00ifQ.Fg2OOUvHdGKkIVyBa2S5KtUrPWUeujKZEyxz7n6kALhQahszv3P5JaBaOJ-RoKcZnFjDg3qierzjktU7zXST9gww4Oclahpfdw64w0X6TtAxeYJiIVkJUG-edXXTWaJeyelkgC68wEhF1CltSqG4zLWi6upVCAywdPpBN0HI0C5WcF5Az4WABYtV_Fda5aHGuyPnE70kEQ

```
RTWdlacW9MzEJx2Xth7Msd9OHouIR8LUQ-7gha17jHoOBwgMoQ9q0hAoCNm0LjWiuHkoRyyu-  
NjuInbkk8FZus_AluMgdv2YN9ygFqllMculb0VWuF0YeKX6lsgAxi0ZQhLiUsJkCZ_w.AuZZxoG46lnrtk3Q.QE2ll  
wS30VzH-ZduuE8b045CnfRm2p-RjZGBnZcHELS3v26N64cFg1AV5mtP5f-  
fSwbJ3ntP5x4V1NK8FmdY0uSPxzeMfvl5badGAC7w9FrXt6X5xV1Fqu6-q-  
ZkbxcB9bYgownt983BcKOE1bd5dJxFBODLrc4j68ikDjc5M3LEBDx6hV0aQzKmilCH-  
JeVL3AwQyKBny4Vj7m3Fizw7u1PRLI2ZfWUkXDfS4Vwv3bPm4QUDEMvNHXJ.qTYmdmn4ne93juljNmWkJg  
", "type": "S", "version": "100"}
```

* where `samsungPay.paymentToken` is the 3DS JSON object (inside the payment payload) received from Samsung.

SAMSUNG PAY DEVELOPERS – SAMSUNG PAY

Merchant should have [Samsung Developer](#) Verified Account.

After the Signup process follow the below:

1- Go to **My Projects > Sever management**. Select Create new service and choose the **Right Service Type**:

For Web: Choose: Web Online Payment Service (Direct, InDirect).

For Mobile SDK: Choose: InApp Online Payment Service (Direct, InDirect).

For the merchant wants to Samsung Pay **for Web AND In-App** he needs to create the **Two Services** above and complete the configuration for both. * Same BIP generated CSR can be used for both services. .

You will receive this CSR from Hyperpay technical resource.

2- Enter a name and locations. Select **ACI as the Payment Gateway**. Upload the generated CSR.

* On the service management on Samsung Pay account: '**service domains**' field should **contain only the domain name** . not the full URL . **example: dev.hyperpay.com .and without https**

TEST DATA– SAMSUNG PAY

Samsung Pay will be enabled on the merchant test account by Hypepray Technical Resource . the merchant has to go through the testing phase at first; then moving to the live after that.

Testing Card for Samsung Pay:

MC	5185 7316 6xxx 5xx6	123	12	25	Replace x with zeros.
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Device Preparation for Testing (sandbox):

- Make sure that the **Phone Country** is set to one of the supported countries for SamsungPay (example. UAE,KSA..)

CONCLUSION



The information mentioned in this document v1.0 might be updated or changed in the future based on Samsung Pay updates and the supported connectors for Samsung Pay. Always check the online documents for up to data integration data and contact the integration team for any further technical clarification or updates.

Thank you for your consideration.