

# Google Pay™

, Google Pay Google. Google Pay <https://pay.google.com/about/terms/>

## IntellectMoney (Hosted Checkout)

IntellectMoney (, <https://merchant.intellectmoney.ru>), Google Pay . . . . .

## Google Pay™

, Google Pay™ , IntellectMoney (Hosted Checkout), [Google Pay API](#) [Google Pay API](#)

- "Google Pay" , Google Pay
- HTTPS TLS 1.2

## Merchant ID Google

, . "Gateway" "Tokenization Method". "Payment Processor or Gateway" "intellectmoney". "Integration Platform Type" "Web" "Android" .

. IntellectMoney Google Pay API "Pay". Google <https://developers.google.com/pay/api/web>, . Google <https://developers.google.com/pay/api/web/guides/brand-guidelines> - <https://developers.google.com/pay/api/web/guides/test-and-deploy/integration-checklist>.

. Ajax (/GooglePay/Payment) , .

```
<script type="text/javascript" src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="/js/googlepay.js"></script>
<script async src="https://pay.google.com/gp/p/js/pay.js" onload="onGooglePayLoaded()"></script>
<script>
  var googlePayAmount = "10.00";
  var googlePayCurrency = "RUB";
</script>
<div id="google-pay-button" style="padding: 50px;" />
```

:

- gateway: "intellectmoney"
- merchantId: , Google
- gatewayMerchantId: , IntellectMoney
- allowedCardNetworks = ["AMEX", "DISCOVER", "INTERAC", "JCB", "MASTERCARD", "VISA"]
- allowedCardAuthMethods = ["PAN\_ONLY", "CRYPTOGRAM\_3DS"];

### googlepay.js

```
const baseRequest = {
  apiVersion: 2,
  apiVersionMinor: 0
};

const allowedCardNetworks = ["AMEX", "DISCOVER", "INTERAC", "JCB", "MASTERCARD", "VISA"];
const allowedCardAuthMethods = ["PAN_ONLY", "CRYPTOGRAM_3DS"];
const cardPaymentMethodType = 'CARD';
let paymentsClient = null;

function getGoogleIsReadyToPayRequest() {
  return Object.assign(
    {},
    baseRequest,
    {
```

```

        allowedPaymentMethods: [
            {
                type: cardPaymentMethodType,
                parameters: {
                    allowedAuthMethods: allowedCardAuthMethods,
                    allowedCardNetworks: allowedCardNetworks
                }
            }
        ]
    }
};
}

function getGooglePaymentsClient() {
    if (paymentsClient === null) {
        paymentsClient = new google.payments.api.PaymentsClient({ environment: 'PRODUCTION' });
    }
    return paymentsClient;
}

function onGooglePayLoaded() {
    const paymentsClient = getGooglePaymentsClient();
    paymentsClient.isReadyToPay(getGoogleIsReadyToPayRequest())
        .then(function (response) {
            if (response.result) {
                addGooglePayButton();
            }
        })
        .catch(function (err) {
            // show error in developer console for debugging
            console.error(err);
        });
}

function addGooglePayButton() {
    const paymentsClient = getGooglePaymentsClient();
    const button = paymentsClient.createButton({ onClick: onGooglePaymentButtonClicked });
    document.getElementById('google-pay-button').appendChild(button);
}

function onGooglePaymentButtonClicked() {
    const paymentDataRequest = Object.assign(
        {},
        baseRequest,
        {
            merchantInfo: {
                merchantId: '12345678901234567890' //,   Google
            },
            allowedPaymentMethods: [
                {
                    type: cardPaymentMethodType,
                    parameters: {
                        allowedAuthMethods: allowedCardAuthMethods,
                        allowedCardNetworks: allowedCardNetworks
                    },
                    tokenizationSpecification: {
                        type: "PAYMENT_GATEWAY",
                        parameters: {
                            gateway: "intellectmoney",
                            gatewayMerchantId: "432143" // ,   IntellectMoney
                        }
                    }
                }
            ],
            transactionInfo: {
                totalPriceStatus: 'FINAL',
                totalPrice: googlePayAmount,
                countryCode: 'RU',
                currencyCode: googlePayCurrency
            }
        }
    );
}

```

```

);

const paymentsClient = getGooglePaymentsClient();
paymentsClient.loadPaymentData(paymentDataRequest)
  .then(function (paymentData) {
    processPayment(paymentData);
  })
  .catch(function (err) {
    // show error in developer console for debugging
    console.error(err);
  });
}

function processPayment(paymentData) {
  console.log(paymentData);
  var status;
  $.ajax({
    cache: false,
    dataType: "json",
    type: "post",
    url: googlePayApiProcessUrl + "/GooglePay/Payment",
    data: "paymentTokenDataJson=" + encodeURIComponent(JSON.stringify(paymentData.paymentMethodData.
tokenizationData.token)),
    complete: function (data) {
      status = 'complete';
      if (data.Result.OperationId) {
        // check payment processing state via getBankCardPaymentState
      }
    },
    error: function (e) {
      status = 'error';
    },
    success: function (e) {
      status = 'success';
    }
  });
}
}

```

, " G Pay"

payment IntellectMoney ( createInvoice()), .



API

API SSL-, . API

POST- URL:

<https://api.intellectmoney.ru/merchant/latest/googlepay/pay>

:

	invoiceId		- IntellectMoney, . " "
	returnUrl		, 3DS-
IP	ipAddress		IP
	paymentTokenDataJson		, Google Pay API

```
Post /merchant/latest/googlepay/pay
HTTP/1.1 Host: api.intellectmoney.ru
Content-Type: application/x-www-form-urlencoded; charset=utf-8
```

```
invoiceId = 3496318551
returnUrl = https://mysite.com/returnUrl
ipAddress = 10.10.10.10
paymentTokenDataJson = { "signature": "MEUCIZ29vZ2xlIHBheSBkZWNvZGVkIHNPZ25hdHVyZSBkYXRhIChiaW5hcn...", ... }
```

```
<Response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <OperationState>
    <Code>0</Code>
    <Desc> </Desc>
  </OperationState>
  <OperationId>b294b231-9a77-427a-9866-f111e4c88515</OperationId>
  <EshopId>0</EshopId>
  <Result>
    <State>
      <Code>0</Code>
      <Desc> .</Desc>
    </State>
    <OperationId> </OperationId>
  </Result>
</Response>
```

IntellectMoney [getBankCardPaymentState\(\)](#)

Android, PaymentData IntellectMoney Google Pay API "Pay". Google <https://developers.google.com/pay/api/android/>, . Google <https://developers.google.com/pay/api/android/guides/brand-guidelines> - <https://developers.google.com/pay/api/android/guides/test-and-deploy/integration-checklist>.

Google Pay API Google <https://github.com/google-pay/android-quickstart>

- gateway: "intellectmoney"
- gatewayMerchantId: , IntellectMoney

#### Kotlin

```
private fun gatewayTokenizationSpecification(): JSONObject {
    return JSONObject().apply {
        put("type", "PAYMENT_GATEWAY")
        put("parameters", JSONObject(mapOf(
            "intellectmoney",
            "eshopId")))
    }
}
```

- allowedCardNetworks = ["AMEX", "DISCOVER", "INTERAC", "JCB", "MASTERCARD", "VISA"]
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## Kotlin

```
private val allowedCardNetworks = JSONArray(listOf(
    "AMEX",
    "DISCOVER",
    "INTERAC",
    "JCB",
    "MASTERCARD",
    "VISA"))

private val allowedCardAuthMethods = JSONArray(listOf(
    "PAN_ONLY",
    "CRYPTOGRAM_3DS"))
```

paymentData.getPaymentMethodToken().getToken() POST- URL:

<https://api.intellectmoney.ru/merchant/latest/googlepay/pay>

:

	invoiceId		- IntellectMoney, . " "
	returnUrl		, 3DS-
IP	ipAddress		IP
	paymentTokenDataJson		, Google Pay API

```
Post /merchant/latest/googlepay/pay
HTTP/1.1 Host: api.intellectmoney.ru
Content-Type: application/x-www-form-urlencoded; charset=utf-8
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  <OperationState>
    <Code>0</Code>
    <Desc> </Desc>
  </OperationState>
  <OperationId>b294b231-9a77-427a-9866-f111e4c88515</OperationId>
  <EshopId>0</EshopId>
  <Result>
    <State>
      <Code>0</Code>
      <Desc> .</Desc>
    </State>
    <OperationId> </OperationId>
  </Result>
</Response>
```

IntellectMoney [getBankCardPaymentState\(\)](#)



API

API SSL-,. API

## 3DS-

( PAN\_ONLY) 3ds- . :

- [getBankCardPaymentState\(\)](#) PaymentStep=3, ( Form3DS)
- 3ds- PaymentStep=0, , returnUrl
  - [IntellectMoney \(Hosted Checkout\)](#)
  - [Google Pay™](#)
  - [Merchant ID Google](#)
  - [3DS-](#)