

# Payment using Apple Pay (mobile app)

On a payment with Apple Pay, the interaction occurs according to the following scheme.

	One-phase payment	Two-phase payment
1	The user selects in mobile app Apple Pay as payment method.	
2	The payment data is sent to the Apple Pay system for processing.	
3	To process payment data in the Apple Pay system, a <code>PKPaymentToken</code> Object is created, which contains the <code>paymentData</code> property (hereinafter, see <a href="#">Apple Pay documentation</a> ).	
4	Apple Pay sends a response to the merchant (mobile app).	
5	The merchant extracts from the received <code>PKPaymentToken</code> Object object the <code>paymentData</code> property and encodes its content in Base64.	
6	The merchant creates a payment request containing <code>paymentData</code> attribute, which is received from the Apple Pay response and encoded in Base64, and sends it to the payment gateway for processing. The following request is used to process a payment through Apple Pay: <ul style="list-style-type: none"><li>• <a href="#">payment.do</a>.</li></ul> Notably, the <code>preAuth</code> parameter either is not passed or has the value <code>false</code> .	The merchant creates a payment request containing <code>paymentData</code> attribute, which is received from the Apple Pay response and encoded in Base64, and sends it to the payment gateway for processing. The following request is used to process a payment through Apple Pay: <ul style="list-style-type: none"><li>• <a href="#">payment.do</a>.</li></ul> Notably, the <code>preAuth</code> parameter is passed in the request with value <code>true</code> .
7	The payment gateway processes the request and returns a response with <a href="#">the result</a> .	
8	The App displays to the user the result of the payment.	
9	The merchant requests from payment gateway the order payment status by passing a unique identifier that was received upon order registration in <code>orderId</code> parameter: <ul style="list-style-type: none"><li>• <a href="#">getOrderStatusExtended.do</a>.</li></ul>	
10	Not applicable	To debit funds from the customer's account, the merchant needs to send to the payment gateway the order completion request. <ul style="list-style-type: none"><li>• <a href="#">deposit.do</a>.</li></ul>
11	Not applicable	The payment gateway returns the result of processing the request. The order status is not returned. To get the status of the order, an order status request should be sent to the gateway: <ul style="list-style-type: none"><li>• <a href="#">getOrderStatusExtended.do</a>.</li></ul>