

How to integrate

This chapter provides the instruction of the integration with the solution and with its methods. Prior to using this solution is you have to proceed [onboarding](#) process and you require created account in the Verestro Paytool system.

Note: To create an account in the Verestro Paytool system please contact with support.

Environment Test API base URL

```
https://paytool-api.verestro.dev
```

Environment Production API base URL

```
https://paytool-api.verestro.com
```

Tip: Below are presented sequence diagrams describing both ways of using the Paytool solution. We recommend using **Redirect you payer** integration path.

Integration method consisting in redirecting the payer to Paytool web view

```
@startuml
skinparam ParticipantPadding 30
skinparam BoxPadding 30
skinparam noteFontColor #FFFFFF
skinparam noteBackgroundColor #1C1E3F
skinparam noteBorderColor #1C1E3F
skinparam noteBorderThickness 1
skinparam sequence {
ArrowColor #1C1E3F
ArrowFontColor #1C1E3F
ActorBorderColor #1C1E3F
ActorBackgroundColor #FFFFFF
```

```
ActorFontStyle bold
ParticipantBorderColor #1C1E3F
ParticipantBackgroundColor #1C1E3F
ParticipantFontColor #FFFFFF
ParticipantFontStyle bold
LifeLineBackgroundColor #1C1E3F
LifeLineBorderColor #1C1E3F
}
actor payer
participant "Customer front" as cfront
participant "Customer backend" as cback
participant "Paytool front" as pfront
participant "Paytool backend" as pback
payer->cfront: Pay with Paytool
cfront->cback: Payer choosed Paytool
cback->pback: Customer authorization + transaction metadata
pback->pback: Store transaction metadata + open payment session
cback<-pback: OK + transaction id
cfront<-cback: OK + transaction id
cfront->pfront: Redirect + transaction id
pfront->pback: Get transaction data + merchant payment methods
pfront<-pback: OK response
payer<-pfront: Display transaction + payment methods
@enduml
```

Integration method consisting in continuing process via API calls

```
@startuml
skinparam ParticipantPadding 30
skinparam BoxPadding 30
skinparam noteFontColor #FFFFFF
skinparam noteBackgroundColor #1C1E3F
skinparam noteBorderColor #1C1E3F
skinparam noteBorderThickness 1
skinparam sequence {
ArrowColor #1C1E3F
ArrowFontColor #1C1E3F
ActorBorderColor #1C1E3F
ActorBackgroundColor #FFFFFF
ActorFontStyle bold
ParticipantBorderColor #1C1E3F
ParticipantBackgroundColor #1C1E3F
```

```
ParticipantFontColor #FFFFFF
ParticipantFontStyle bold
LifeLineBackgroundColor #1C1E3F
LifeLineBorderColor #1C1E3F
}
actor payer
participant "Customer front" as cfront
participant "Customer backend" as cback
participant "Paytool backend" as pback
payer->cfront: Pay with Paytool
cfront->cback: Payer choosed Paytool
cback->pback: Customer authorization + transaction metadata
pback->pback: Store transaction metadata + open payment session
cback<-pback: OK + transaction id
note right of cback: At this point, the Customer decides how to present the transaction to the payer
cback->pback: Request proper payment method / executing 3D Secure
cback<-pback: Transaction result
note right of cback: At this point, the Customer decides how to present the transaction result to the payer
@enduml
```

Methods in API

Our solution provides API method allowing you to order and process transaction by [creating payment session](#) and send transaction metadata to our system. In order to opening new payment session you receive `transactionId` in response which is unique identifier of the created session. Every ordered transaction has his own payment session. Using `transactionId` you can whether redirect your payer to our Paytool web view or continue the transaction process using other API methods provided by our solution. This section describes all API methods in Paytool solution.

Tip: Below there is a description of every single Paytool API method. To see example request bodies please visit complete API documentation is [available here](#) in SwaggerUI format. Please visit to see our methods.

Tip: Detailed information about what is included in the transaction metadata is shown in the [transactionInitialization](#) method.

Opening Paytool in iframe

This section describes the steps you need to take if you want the Paytool form to be displayed as an iframe on your website instead of redirecting your payer to Verestro Paytool website.

Tip: This section applies to customers who use the Redirect your payer implementation model. If you use a different integration model with Paytool, you can ignore this chapter.

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