

# Token Management Administration Panel Overview

The TMP Administration Panel (or the admin portal/portal for short) is the essential tool for you to work with your online application. Here you can manage payment tokens and track history of payments. The presented solution is prepared for rebranding for the client's brand. The document is divided into sections that describe the various components of the system. Each section contains a screen presenting the functionality and a detailed description of the states occurring in it.

## Purpose and scope

This product guide provides a high-level overview of Admin Panel Management. This document covers the following topics:

- description of the all aggregates of tokens, including detailed information and possible actions,
- description of possible configurations,
- granting access,
- additional and optional functionalities.

## Abbreviations & Acronyms

This section explains a number of key terms and concepts used in this document.

Name	Description
MDES	Mastercard Digital Enablement Services
VTs	Visa Token Service
TMP	Token Management Platform
OTP	One Time Password

# Terminology

This section explains a number of key terms and concepts used in this document.

Name	Description
Customer	Cardholder.
Operator	User using the Admin Panel.
Token	Payment Token.
Session token	Access to the system by a web application user is secured using a session token to uniquely associate the session with the user. It is required to perform any action.

## MAIN VIEW

Once the authentication process is properly completed, the bank employee has access to the panel. It is shown the main screen of the system. Depending on the assigned rights group its appearance may vary. Different roles in the system have different tabs available.

TMP.png

The components that make up the Admin Portal are:

- 1) Main menu contains aggregates as: tokens, history of payments, reports in Token Management Tab and Portal Management Tab.
- 2) Admin Panel adjusted to the client's colours and logotype.
- 3) Filters allows to select multiple filter options and display results that contain information limited all the selected criteria.
- 4) List of the most important information referring to each aggregate (example: tokens).
- 5) Actions allows admin to change the status of a single entity or edit data.

## TOKEN MANAGEMENT

### Tokens

Tokens section contains a list of tokens and the filters. The filters are used for dynamic searching, such data as: phone number, VPAN (external card id), path, status last four digits of card or token, payment scheme and others.

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## Basic list includes following information:

Parameter	Description
VPAN	External Card ID provided by the Issuer.
Payment scheme	Payment scheme - Mastercard of Visa.
Token	Token last 4 digits.
Phone Number	Cardholder's Phone number.
User name	Cardholder's User name.
Status	Token status.
Token requestor	Token Requestor/Wallet.
Device	Device form factor.
Path	Initial authorization path - green/yellow/orange/red.
Action	action which can be performed on particular customer (described in customer actions part).

## Available actions

Action	Description
Activate	This action activates the token. Available if the token can be activated and is currently INACTIVE.
Suspend	This action suspends the token. Available only for ACTIVE tokens.
Unsuspend	This action unsuspends the token. Available only for SUSPENDED tokens.

Deactivate	This action deactivates the token. Available for all INACTIVE, ACTIVE and SUSPENDED tokens.
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## Generate tokens report

This button in the top right corner allows generating a report with tokens with applied filters. Maximal date range for a single report is 31 days. The excel file will be generated and automatically downloaded. This report can also be downloaded in Reports section later.

## Token Details

Selecting a specific token allows to see more detailed data. In addition to basic information.

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A list of related status changes, transactions and activation methods used is available.

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Detailed list includes following information:

Parameter	Description
Token ID	Internal Verestro Id of the token.
Token unique reference	MDES/VTs token unique reference.
VPAN	External Card Id - Issuer Card Id.
Status	Token Status.
Status process	Status of the tokenization process - IN_PROGRESS, FINISHED.
Sms count	Number of sms messages with OTP code sent.
Token type	The type of the token: CLOUD/EMBEDDED_SE.
Wallet ID	Wallet ID of the token requestor.
Correlation ID	Value linking pre-digitization messages generated during provisioning.
Reason code	Reason of the last token update.
Payment app instance ID	Identifier of the Payment App instance within a device. NOTE - This may contain the identifier of the Secure Element or a mobile device for some wallets.
Issuer decision	Final tokenization decision returned to MDES/VTs.
Issuer reason	Reason of the DECLINE, if the tokenization is declined because of invalid card data, exp date or cvc.

uPaid reason	Reason of the DECLINE, if the tokenization is declined because of Verestro velocity controls triggered.
Account source	Account source - Manual entry, card on file, from mobile application.

# Payment history

## Payment history list

Payment history list contains filters and columns with dates. In this section actions don't occur. The filters are used for dynamic searching, such data as: phone number, VAPN, date range, status and token requestor . The date is displayed in local time.

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Basic list includes following information:

Parameter	Description
Phone number	Cardholder's phone number (if provided by the Token Requestor).
VPAN	External Card ID.
User name	Cardholder's username (if provided by the Token Requestor).
Date	Transaction date.
Status	Status of the transaction.
Amount	Amount.
Currency	3-character ISO 4217 currency code of the transaction.
Token requestor	Token requestor .

## Generate transactions report

This button in the top right corner allows generating a report with transactions with applied filters. Maximal date range for a single report is 31 days. The excel file will be generated and automatically downloaded. This report can also be downloaded in Reports section later.

## Payment history details

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# Reports

Reports section contains reports that can be downloaded. Each report is valid for a specific duration and can be "Ready" to download or "In progress", which means that a report is still generating.

## Tokens

This tab contains Tokens reports, generated from Tokens section.

## Transactions

This tab contains Transactions reports, generated from Transactions section.

## Apple Pay

This tab contains Apple Pay reports, which are generated automatically each month.

## Activity

This tab contains Activity reports, which are generated daily. Activity report contain the information about all actions performed on Tokens by Admin Panel users.

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# Default privileges per role in the portal

Below are the default function settings for described product divided into areas.

Aggregate	Action	Admin	Manager	Employee
Token Management - Tokens	View	x	x	x
	Deactivate	x	x	x
	Suspend	x	x	x
	Unsuspend	x	x	x

Token Management - Payment history	View	x	x	x
Token Management - Reports	View	x	x	-
	Generate	x	x	-
Token Management - Rules	View	x	x	x

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