

TSYS Gen2

USER GUIDE



VALOR
PAYTECH

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Abbreviations and Acronyms

This section provides a list of abbreviations and acronyms with their appropriate full forms to improve user comprehension.

Abbreviation	Full form
EMV	Europay, Mastercard and Visa
ISO	Independent Sales Organization
POS	Point of Sale
Sub-ISO	Subsidiary Independent Sales Organization

Introduction

At Valor PayTech, we curate innovative solutions for all your business needs. With our top-notch products and solutions, we deliver an exemplary contribution towards leaping your business to greater heights. Valor delivers user-friendly features crafted with meticulous planning and organization to ease business transactions. TSYS Gen 2 Authentication, designed to enhance transaction security and prevent unauthorized gateway transactions. This feature ensures that only transactions processed through Valor PayTech's system using the assigned MID can be completed, blocking any unauthorized usage on external gateways. This document elaborates on the key functionalities of the TSYS Gen2 Authentication feature across Valor platforms.

Objective & scope

This user guide is prepared to provide a detailed explanation of the TSYS Gen2 feature to users. It will briefly address the prerequisites required for utilizing this feature, the step-by-step setup instructions, and essential functionalities to enhance the end-user's understanding of this feature.

Prerequisites

TSYS Gen2 is an efficient feature provided for ISOs and merchants to process secure transactions. This feature can be facilitated by the ISOs through Valor Portal. To utilize this feature, the ISOs and merchants need to have login access to the Valor Portal. The Valor Portal can be accessed by the following link provided: <https://online.valorpaytech.com/login>

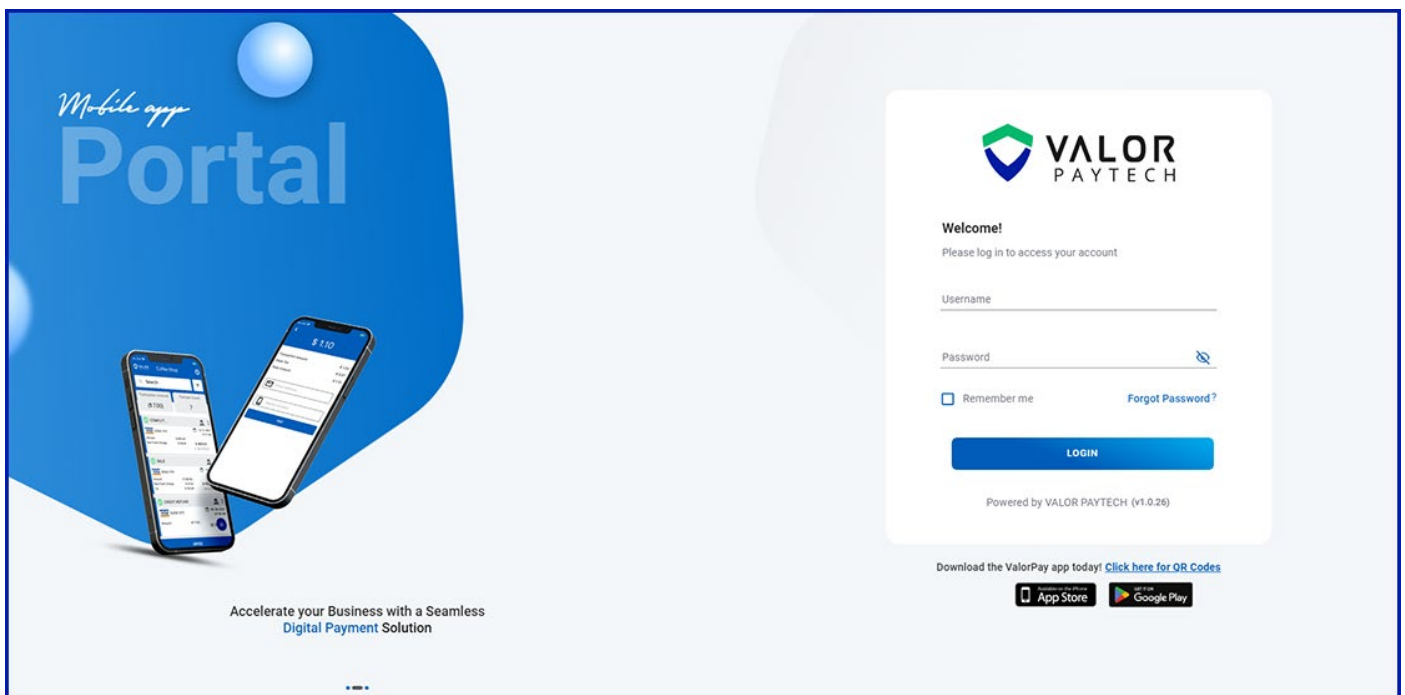


Figure 1: The Online Portal login

Benefits

The TSYS Gen2 authentication is packed with benefits that enhance the overall transaction experience for businesses in the fuel industry:

- **Enhanced security:** Prevents unauthorized gateway transactions using the assigned MID.
- **Controlled processing:** Ensures that only transactions within the Valor PayTech system can be completed.
- **Compliance assurance:** Strengthens transaction integrity by restricting usage to authorized processors.

- **Seamless Merchant management:** Provides ISOs with a structured process to onboard and authenticate merchants securely.
- **Safeguard your relationships:** No more risks of losing merchants due to unauthorized MID activity.

Getting started

Portal functionalities of TSYS Gen2

The Valor Portal provides ISOs with a streamlined process to onboard merchants and configure the TSYS Gen 2 Authentication feature. This feature ensures that transactions conducted using the assigned MID will only be processed through Valor PayTech, preventing unauthorized use in other gateways.

TSYS Gen2 Authentication in the Valor Portal

This section provides step-by-step instructions for enabling the offline transactions flag in Valor Portal.

1. Login to the Valor Portal

The ISO must enter their respective credentials on the Valor Portal and the homepage will appear.

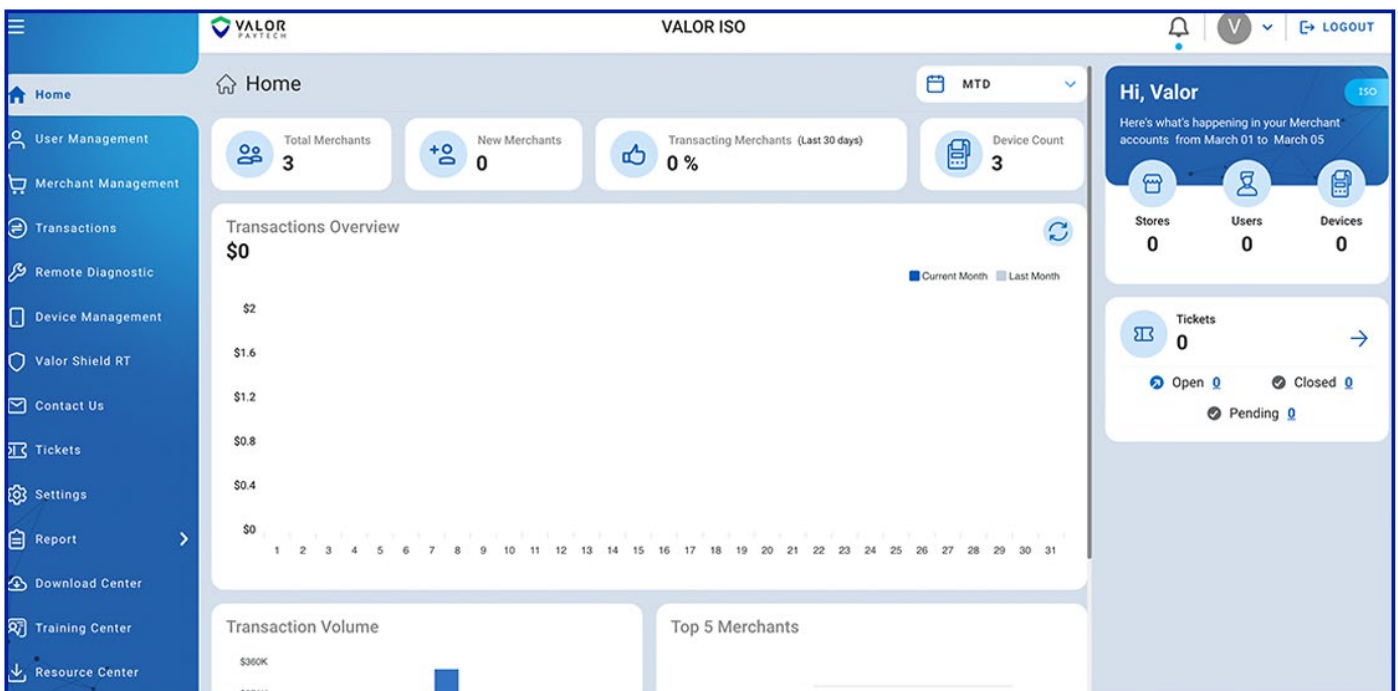


Figure 2: Homepage of the Online Portal

2. Navigate to the Merchant management

In the Valor Portal, the ISO must navigate to the Merchant Management section, where you will find the option to add a new merchant. Click on "Add New" and select "Full Board" to initiate the onboarding process.

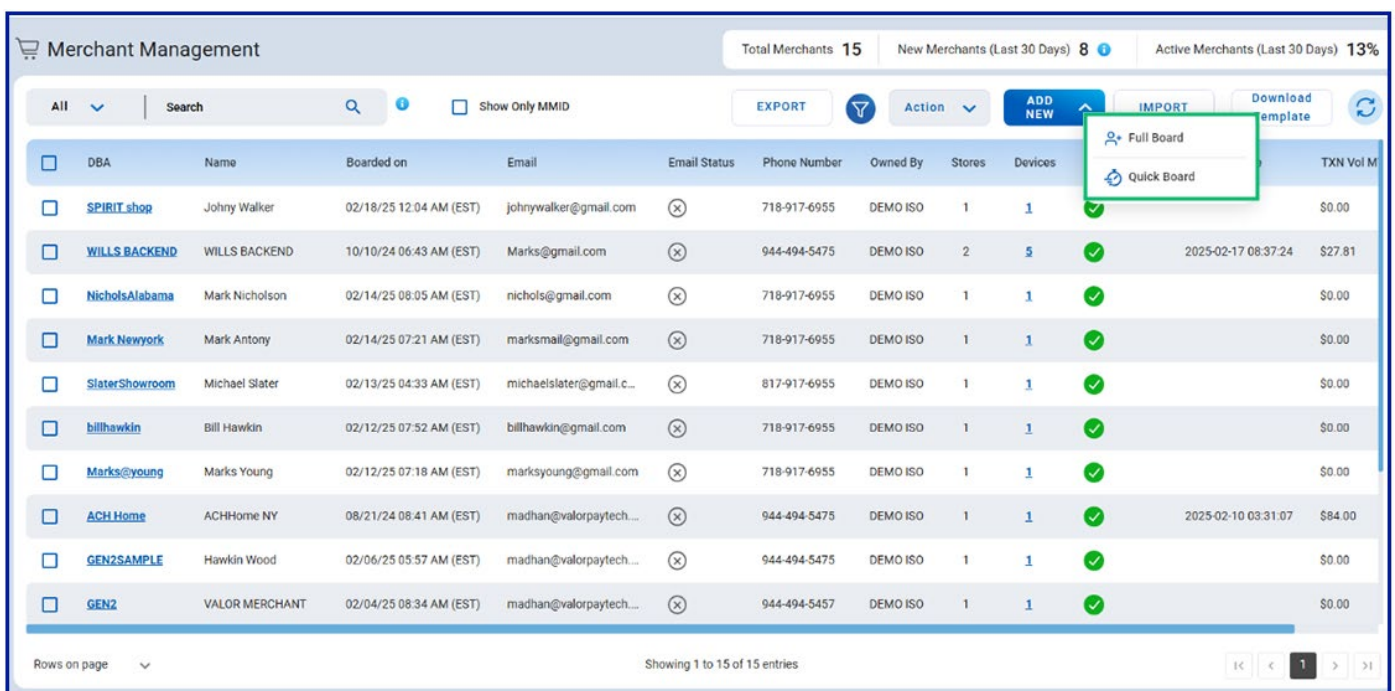


Figure 3: 'Merchant Management' page of the Online Portal

3. Enter the Merchant details

In the merchant onboarding section, enter all necessary details such as the merchant's name, contact information, username, and email ID. Once the information is correctly entered, click "Next" to proceed to the next step.

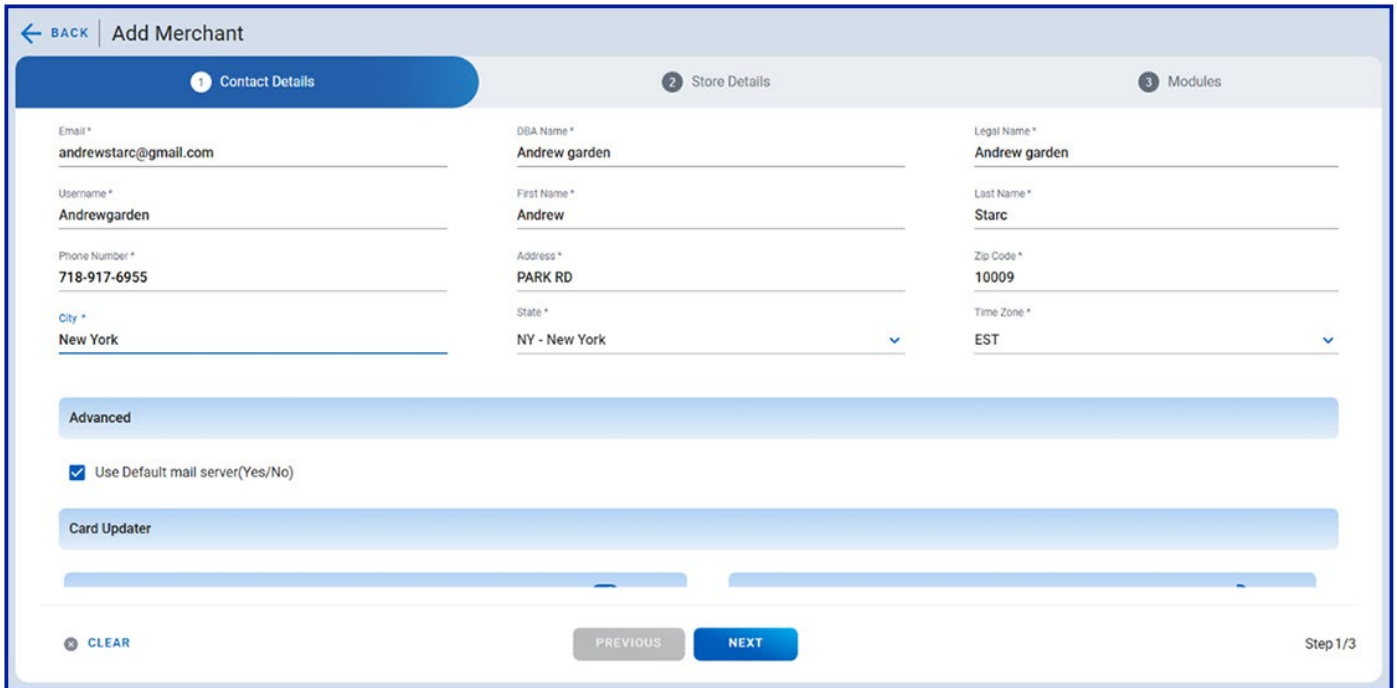


Figure 4: Enter the necessary Merchant details

4. Assign processor & configure device

Proceed by entering the store details and adding the merchant's device. It is crucial to select TSYS Sierra as the processor since TSYS Gen 2 Authentication applies only to this processor. Ensuring the correct processor selection is essential for enabling the security feature.

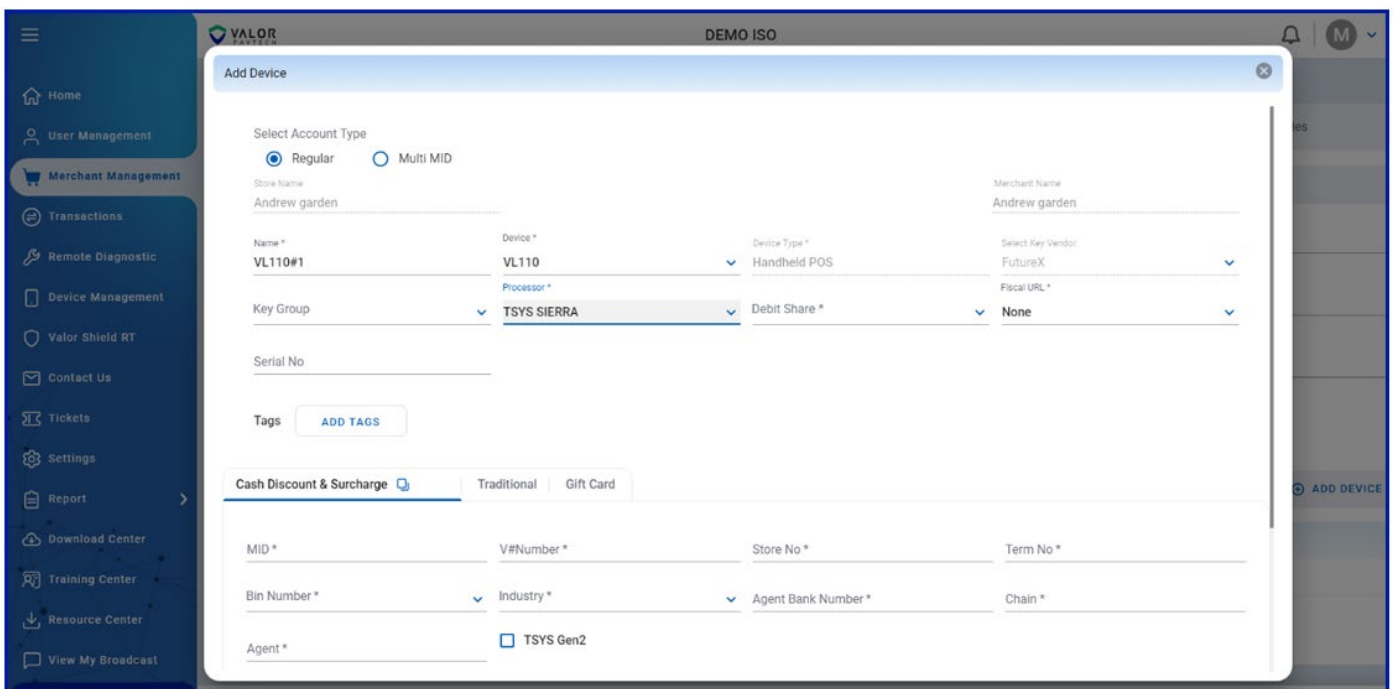
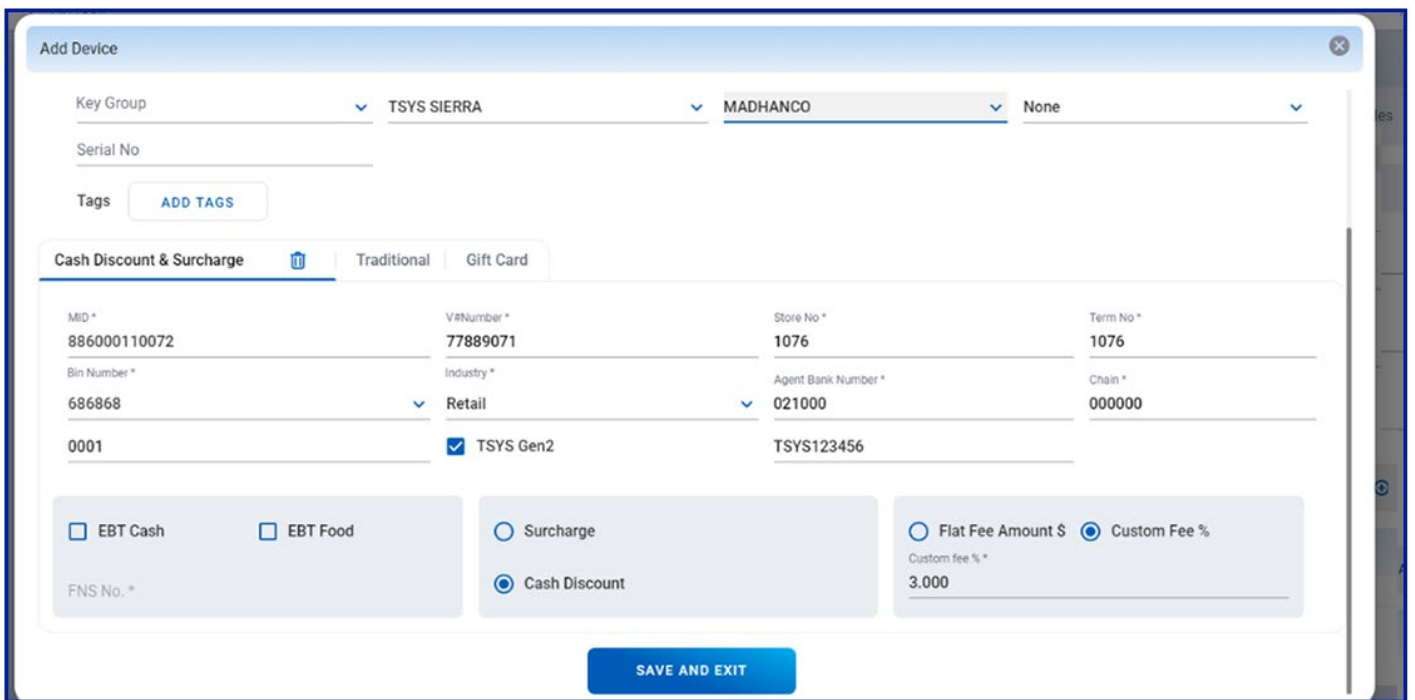


Figure 5: Enter the store details and assign processor

5. Enable TSYS Gen 2 Authentication

Within the device details section, locate the option labeled "TSYS Gen2." Click on this option and enter the Gen2 code that has been assigned to the merchant. This code serves as an additional security layer, ensuring that only transactions processed through Valor PayTech's system are authorized. Once the Gen2 code is entered, save the details to activate the authentication feature.



The screenshot shows the 'Add Device' form with the following details:

- Key Group: TSYS SIERRA
- MADHANCO
- None
- Serial No: (empty)
- Tags: ADD TAGS
- Cash Discount & Surcharge: Traditional, Gift Card
- MID #: 886000110072
- V#Number #: 77889071
- Store No #: 1076
- Term No #: 1076
- Bin Number #: 686868
- Industry #: Retail
- Agent Bank Number #: 021000
- Chain #: 000000
- 0001
- TSYS Gen2
- TSYS123456
- EBT Cash:
- EBT Food:
- Surcharge:
- Cash Discount:
- Flat Fee Amount \$:
- Custom Fee %:
- Custom fee % #: 3.000
- FNS No. #: (empty)
- SAVE AND EXIT

Figure 6: Enter the TSYS Gen2 code

Conclusion & contact details

As we conclude our user guide, we are committed to creating a positive impact in delivering precision and perfection across all Valor platforms. This exclusive feature of TSYS Gen2 enhances security by ensuring that transactions using a merchant’s MID are processed exclusively within the Valor PayTech. We truly believe that this user guide serves as an indispensable source for your regular operations, and we are delighted in being a vital stakeholder in your business. We are immensely grateful for your encouragement and look forward to unwavering support.

At Valor, we are extremely glad to assist you with your questions and queries. Please e-mail us at sales@valorpaytech.com or dial 1.800.615.8755. to get in touch with our support team. Make sure to visit www.valorpaytech.com/kb for additional resources on Valor products and solutions. We anticipate your unwavering support for all our future endeavors and wish to remain a loyal partner in your business, leading towards a successful journey in your business.

Version history

Document Name	Version	Date (MM/DD/YYYY)
Valor TSYS Gen2 User Guide 2025	1.0	03/01/2025



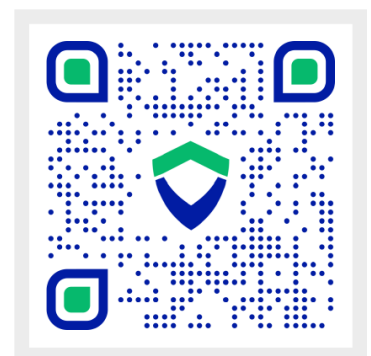
THANK YOU

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