



October 2022

# Converge Elavon

Converge Elavon extension version 2.0.2 and higher



## About Pronko Consulting

Pronko Consulting is a development and consulting agency working in the eCommerce sector. Our main field of expertise is the Magento platform with a solid experience in building eCommerce applications, consulting on the Magento functionality and related matters, and holding beginner and advanced developer training on Magento development.

One of our business lines is the creation of Magento extensions allowing quick integration of third-party products in Magento-based eCommerce platforms. Magento extensions provide ready-made but highly customizable solutions enhancing the functionality and increase the performance of your eCommerce website.

## About Converge Elavon

**Converge Elavon** (formerly Virtual Merchant) module for Magento 2 is a secure and flexible payment solution that lets merchants accept payments online. The module integrates eCommerce websites with the Elavon payment provider, a global leader in payment transaction processing. Converge Elavon for Magento 2 was developed and tested by specialists experienced in Magento 2 payment integrations, proving its compliance with the Magento Coding Standards.

The module enables merchants to manage Converge Elavon payment gateway along with the other payment methods installed in one secure place. With Converge Elavon you can accept different types of credit and debit cards, providing customers with more payment options, while increasing your conversion rates. The Converge Elavon extension helps keep cardholder data safe throughout the payment process, never storing sensitive card details on merchant's servers.

Converge Elavon fully integrates with your eCommerce website for a seamless customer experience. The module is a mobile-friendly and cost-effective payment solution, providing merchants with the tools for engaging customers and increasing



their sales.

## Features list

### 1. **API integration**

Remote API integration allows merchants to collect payment details from the customers' cards without leaving a merchant's website. API integration method gives merchants full control over the payment processing flow.

### 2. **Mobile-friendly payment form**

Converge payment form is compatible with most smartphones and tablets.

### 3. **Major credit cards support**

The Converge Elavon module allows customers to use major credit and debit cards for payments, including American Express, Diners Club, Discover, JCB, MasterCard, Maestro International, Visa, and Visa Debit.

### 4. **Multi-currency and multi-account support**

The module allows choosing from multiple currencies at checkout and supports multiple accounts.

### 5. **Enhanced security**

With the module, a user can set fraud rules to ensure secure transactions, including AVS and CVV checks. Address Verification Service (AVS) is available for UK customers.

### 6. **Secure card data processing**

The module processes cardholders' information without storing any sensitive data on the merchants' servers. Card data is sent to Converge Elavon servers to be safely hosted and stored there.

### 7. **Detailed transaction reports**

A merchant can check Converge transaction report from the Magento Admin to view successful and unsettled transactions, and perform necessary actions, e.g., exporting reports in CSV or Excel format.



## 8. **Advanced transaction management**

Merchants can access all payment transaction details from the Magento Admin. Module users have full control over the status of transactions and can perform Credit Memo, Void, and Invoice operations.

## 9. **Authorize and Capture feature**

The module allows choosing Authorize Only or Authorize and Capture settings. When choosing Authorize, payment will not be sent to a merchant's bank account before verification. When selecting Authorize and Capture, the payment amount is immediately transferred to the bank, and an invoice is created.

## 10. **Admin order placement support**

Converge Elavon users can place orders directly from the Magento Admin.

## 11. **Error validation**

Comprehensive error validation allows merchants to get notifications of any data errors or payment amount issues while sending payment transactions.

## 12. **Advanced configuration**

Converge Elavon module provides users with advanced configuration settings. The module integration can be easily configured to meet any eCommerce business needs.

The Converge Elavon development team regularly releases new features and updates the module to ensure the best possible user experience.

# How to configure Converge Elavon extension

In this section, we will show how to configure the Converge Elavon module depending on the requirements.

After the module installation, the Converge Elavon option will be listed under **Stores** → **Configuration**, and then choosing **Pronko Extensions** → **Converge Elavon** from the left-side menu.



It will display all configuration settings of the module, divided into general settings, merchant form, system settings, Converge Elavon account, and developer settings

[Save Config](#)

Pronko Consulting is an award-winning Magento development and consulting agency with a primary focus on payment integrations. Should you require an additional functionality, please contact our [support team](#).

- General Settings
- Merchant Form
- Lightbox UPGRADE
- System Settings
- Converge Elavon Account
- Developer Settings
- Tokenization UPGRADE

## General settings

- **Operating Mode:** Select 'Production' to accept live payments or 'Demo' to test the integration in a test environment
- **Test Mode:** Select 'Yes' for not forwarding transactions to the credit card processor or 'No' to forward the transactions to the credit card processor
- **Enable Partial Refund:** Select 'Yes' to accept partial otherwise select 'No'

General Settings ⌵

Operating Mode [store view]

Test Mode [store view]   
Transactions will not be forwarded to the credit card processor, but instead will always return an APPROVED result.

Enable Partial Refund [store view]



## Merchant Form

- **Enable this Solution:** Select 'Yes' to allow accepting payments with Converge Elavon on the website otherwise select 'No' which will keep it disabled
- **Title:** Enter a title that will display on the webstore
- **Payment Action:** Select 'Authorize only' to only authorize payment transactions, but not transfer the payment amount to a bank or Select 'Authorize and Capture (Sale)' to authorize the transaction & transfer a payment amount directly to a merchant bank account
- **Credit card types:** Select credit cards to accept payments from the webstore

Merchant Form ⌂

✓

**Enable this Solution** [store view] Yes ▼

**Title** [store view] Converge Elavon by Pronko Consulting

**Payment Action** [store view] Authorize and Capture (Sale) ▼

**Credit Card Types** [store view]

- American Express
- Visa
- MasterCard
- Discover
- JCB
- Switch/Maestro
- Diners**
- Solo
- Maestro International
- Maestro Domestic

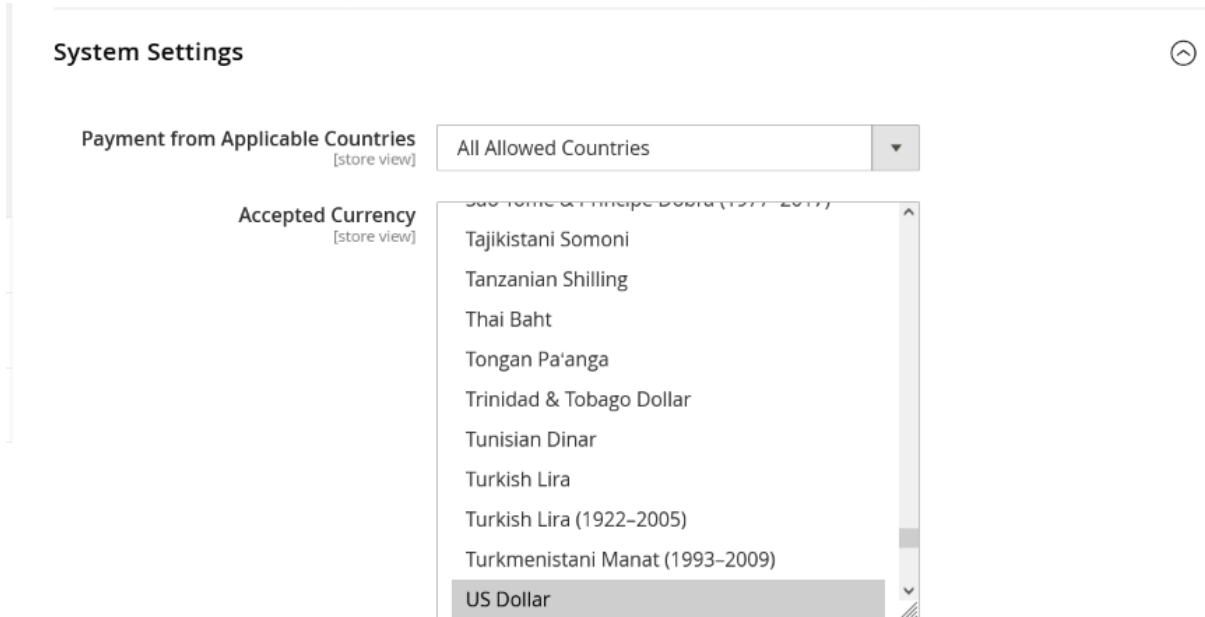
## System Settings

- **Payment from applicable countries:** Define for which countries you would like to allow Converge payment integration. In the 'Payment for applicable countries' choose to accept payment from all countries or select specific countries. If few countries are specified, Converge methods will be available based on the



shipping and billing country selected during checkout

- **Accepted Currency:** Select which currency to accept on the webstore. USD will be by default



## Converge Elavon Account

- **Demo Account:** Merchant ID, User ID, and PIN are provided by the Converge Elavon payment provider after creating a test account
- **Production Account:** Merchant ID, User ID, and PIN are provided by the Converge Elavon payment provider after creating a live account







## Transactions



Search [Reset Filter](#) 56 records found

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ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created
From							From
To							To
56	000000136	030822AD4-46F73954-51A0-4C2D-911C-FA408E48FDE0		Converge Elavon by Pronko Consulting	Authorization	No	Aug 3, 2022, 2:28:49 AM

Another feature provided by the module is a support report. A support report is generated during the module lifecycle. All communications with the Converge Elavon provider are stored in a **converge\_debug.log** file, which is used for the validation and testing of the module. The **debug\_realex.log** file is usually located under the **var/log/** directory inside the Magento application.

## Support

Please contact our Support Team via [support@pronkoconsulting.com](mailto:support@pronkoconsulting.com) if you have any questions regarding the installation or if you require additional functionality. Visit our website [www.pronkoconsulting.com](http://www.pronkoconsulting.com) for more information.