

# Working with Test Mode to Learn About Credit Card Processing

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This guide explains how to work with aACE Software support to familiarize yourself with a payment processor's functionality. It is intended for system administrators.

Production credentials are used to make actual charges to a customer's credit card. However, you can often use a payment processor's Test mode to learn more about their functionality. Test mode typically does not charge a card, but simply returns a message about a successful transaction. Different payment processors approach this kind of testing in different ways.

**Note:** All testing should be done during the Discovery process, prior to your Go-Live date.

Live transactions will typically be ignored while a test mode is active, meaning that transactions could be lost. In addition, enabling test mode with *production* credentials will generate an error. And finally, if you have already set up an account and entered production credentials, entering test credentials will overwrite them; you would need to re-enter the production credentials.

Do *not* work with test mode after you have gone live unless you are specifically working in a test system with aACEsoft support.

## Using Test Mode for Authorize.Net

All [Authorize.Net](https://Authorize.Net) (Authorize) accounts are initially set up in Test mode. You can work with Test mode during the Discovery process, but be sure to disable Authorize.Net Test mode before you go-live.

Credit card numbers for testing credit transactions are available in [Authorize.Net's online Testing Guide](https://developer.authorize.net/hello_world/testing_guide.html).

## Setting Up Test Mode for Global Payment Innovators (GPI)

1. Navigate from **Main Menu > System Admin > Preferences > Database Management >**

**Payment Processing > Open Settings.**

2. Enter the following settings:
  - Test Mode – Mark this flag.
  - Card Entry – Set to Manual Entry.
3. At the top of the screen, click **Load Test Credentials**.

## **GPI Test Cards**

GPI provides [card numbers that you can use to run tests](https://developer.globalpay.com/resources/test-card-numbers) (<https://developer.globalpay.com/resources/test-card-numbers>) of your system. For security reasons, the card entry screen in aACE does *not* allow you to copy and paste card numbers. You must enter them manually.

For additional card details, use these guidelines:

- Expiration Dates – Any future date
  - CVV Codes
    - Amex – Any four-digit number
    - MasterCard – Any three-digit number
    - Visa – Any three-digit number
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