Connection Methods

Secure and Flexible Integration Options

Authorize.Net® offers several methods for connecting Web sites and point-of-sale (POS) systems to the payment gateway for submitting transactions. Web merchants can choose the method that is right for them, according to their customization requirements. Retail and mobile merchants can connect to the payment gateway directly or via third party hardware or software solutions that have integrated to the Authorize.Net Payment Gateway.

Web Merchants

Advanced Integration Method (AIM)

Authorize.Net recommends Web merchants implement AIM, a highly secure, merchant-initiated server-to-server connection for submitting transactions to the payment gateway. AIM provides merchants with a high degree of control over each phase of the customer’s online transaction experience, including the payment form and receipt page.

- Employs industry standard secure data encryption technology — 128-bit Secure Sockets Layer (SSL) protocol.
- Uses transaction key authentication for ultimate security.
- Allows control over all phases of the customer’s online transaction experience.
- Configurable transaction response integrates easily with proprietary applications.

Simple Integration Method (SIM)

SIM is ideal for Web merchants with basic customization needs. The Authorize.Net Payment Gateway can handle all the steps in the secure transaction process – payment data collection, data submission and the response to the customer – while keeping Authorize.Net virtually transparent.

- Payment gateway hosted payment form employs 128-bit SSL data encryption.
- Digital fingerprints enhance security, providing multiple layers of authentication.
- Customize the look and feel of the payment gateway hosted payment form and/or receipt page.

Certified Shopping Carts

Choosing an Authorize.Net certified shopping cart to connect to the payment gateway can be an ideal solution for merchants with minimal Web development resources or capabilities. A shopping cart is an e-commerce tool that provides checkout and payment form solutions for merchant Web sites. A list of certified shopping carts is available at www.authorize.net/cscdir.

- Provides the security of an AIM implementation with minimal Web development.
- Choose from over 85 certified solutions.
MOTO Merchants

MOTO merchants can submit transactions by logging into the Authorize.Net Merchant Interface and keying information into our Virtual Terminal or by using our Batch Upload tool.

- Virtual Terminal and Batch Upload are standard features of the Authorize.Net Payment Gateway.
- A single payment gateway account allows for multiple users across your network or call center.
- The AIM and SIM connection methods make it easy to integrate your proprietary applications to the Authorize.Net Payment Gateway.

Retail and Mobile Merchants

Third Party POS Solutions

In most cases, retail and mobile merchants simply purchase a ready-to-install POS solution or device that is integrated to the Authorize.Net Payment Gateway. Technical integration is typically handled by the POS solution provider that sells the POS system to the merchant. POS solution providers may include hardware manufacturers, software companies, and value-add resellers. Authorize.Net maintains a directory of POS solutions at www.authorize.net/posdir.

Card Present Connection Method

Merchants interested in integrating directly to the payment gateway can use our Card Present application programming interface (API).