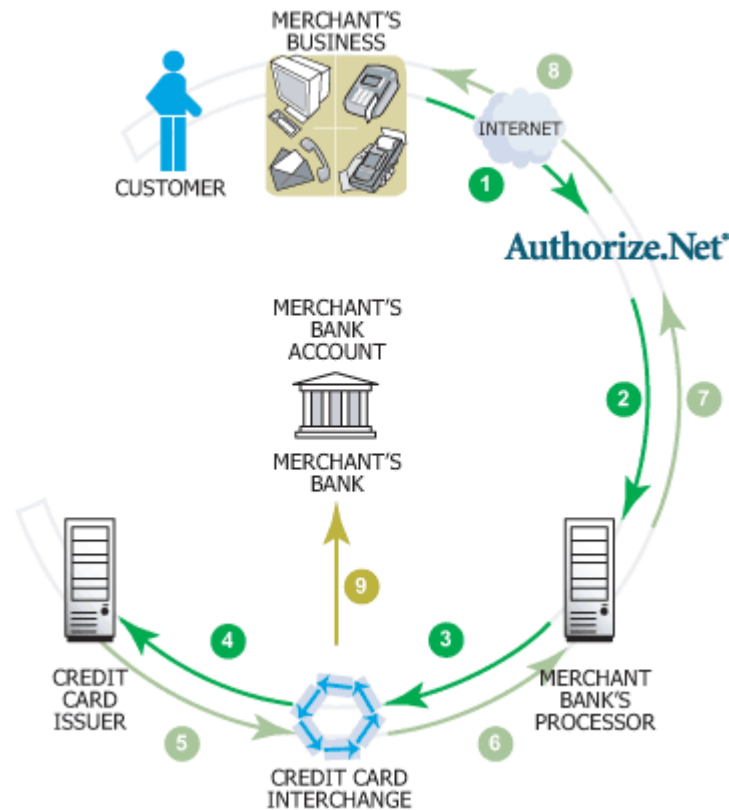


Ecommerce through Authorize.net PAYMENT GATEWAY

"How it Works" Diagram



- Step 1:** The customer access the 'service provider' website (for example, Lanyon (formerly RegOnLine). The customer makes a payment and enter card data in the website. The service provider, acting on behalf of UCSD and using a UCSD's merchant identification number submits the card transaction through Authorize.Net Payment Gateway.
- Step 2:** Authorize.Net receives the secure transaction information and passes it via a secure connection to the Merchant Processor (For UCSD the merchant processor is Bank of America Merchant Services –BAMS-).
- Step 3:** BAMS submits the transaction to the Credit Card Interchange (a network of financial entities that communicate to manage the processing, clearing, and settlement of credit card transactions).
- Step 4:** The Credit Card Interchange routes the transaction to the customer's Credit Card Issuer (the bank issuer of the card).
- Step 5:** The Credit Card Issuer approves or declines the transaction based on the customer's available funds and passes the transaction results, and if approved, the appropriate funds, back through the Credit Card Interchange.
- Step 6:** The Credit Card Interchange relays the transaction results to BAMS.
- Step 7:** BAMS relays the transaction results to Authorize.Net.
- Step 8:** Authorize.Net stores the transaction results and notifies them to the customer and/or the merchant. This communication process averages three seconds or less!
- Step 9:** In a few days, BAMS will post the funding of transactions in the UCSD's bank account. UCSD General Accounting will record the bank deposits to the merchant's general ledger clearing account. Afterwards, the merchant will clear the balance sheet account transferring the funds to departmental indexes and revenue accounts.