



eCommerceConnect



**Internet Payment System
eCommerceConnect**

Convenient payments in Internet

eCommerceConnect – a payment management system that enables merchants to accept card payments via Internet on the merchants' web sites. By developing its acquiring business in a global network, bank gains new clients on a dynamically growing market, as well as commissions from the merchants for payments performed using plastic cards.

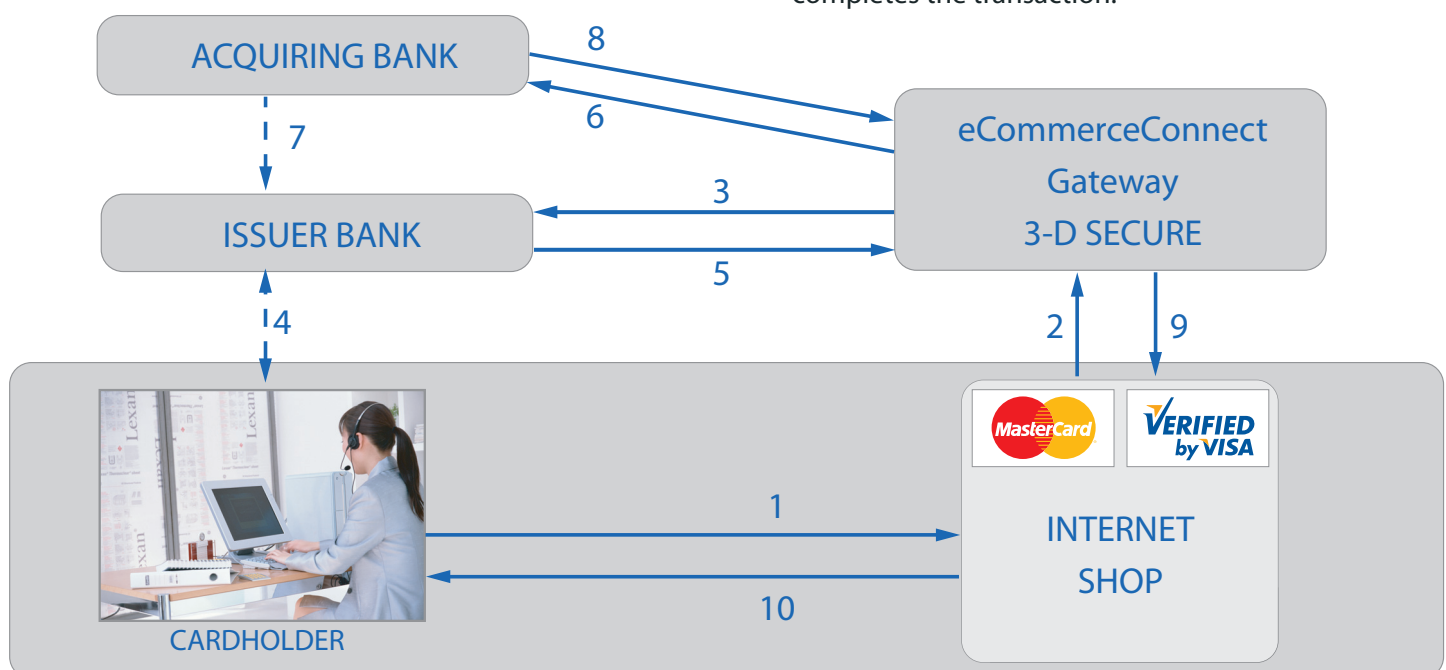
eCommerceConnect system operates using 3D-Secure technology approved by the international payment systems. The use of the 3-D Secure technology for acquiring provisions for the use of the payment gateway with the special MPI module by the acquirer.

The eCommerceConnect Gateway is such a payment gateway. This server automatically connects cardholder with the authentication system of his/her issuer bank protecting card accounts of cardholders from possible fraud.

By connecting to this server merchant becomes a member of Verified by Visa and MasterCard SecureCode, increasing the security level of payments and making its services more attractive to clients.

Algorithm of 3-D Secure online transaction:

1. Cardholder selects goods or services at the merchant web site and continues on to the payment section to select a plastic card as a payment tool.
2. Merchant transfers purchase information to the payment gateway.
3. Payment gateway accepts the card details and processes the merchant's request according to the 3-D Secure protocol. If the card is registered for the secure electronic payments, the payment is redirected to the special system of the issuing bank.
4. Issuer performs cardholder authentication by requesting cardholder's user ID and password.
5. Authentication result returns to the payment gateway.
6. Payment gateway generates an authorization request to check payment ability of the card and sends it to the acquiring bank's central systems.
7. Acquirer performs transaction authorization by sending authorization request to the issuer for transaction approval or denial.
8. Acquirer returns authorization result to the payment gateway.
9. Payment gateway transmits the result obtained from the acquirer to the merchant.
10. If approved, the merchant validates the order and completes the transaction.





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eCommerceConnect provides the following possibilities for the banks:

- ▶ development of Internet acquiring;
- ▶ commissions for performed Internet payments;
- ▶ launch of loan repayment service on the bank's web site (for cards issued by the bank and for cards of other banks);
- ▶ money transfer via Internet;
- ▶ launch of recurrent payments service.

Benefits for cardholders:

- ▶ increased level of data security;
- ▶ simple and convenient payment method that does not require additional software;
- ▶ possibility to pay for the purchase from personal computer at any time.

Benefits for online merchant:

- ▶ access to new markets in any part of the world;
- ▶ acceptance of cards of the international payment systems;
- ▶ high security level of payments;
- ▶ low service fee;
- ▶ lowered number of returned articles and associated costs.



eCommerceConnect Gateway connection requirements:

For the bank:

- ▶ license for commercial pos-acquiring;
- ▶ VISA Internet Acquiring License;
- ▶ launch of projects for VISA and MasterCard certification.

For the online merchant:

- ▶ maintenance agreement with the acquiring bank;
- ▶ adaptation of the web site design to the requirements of the payment systems;
- ▶ development of the payment server interface.

