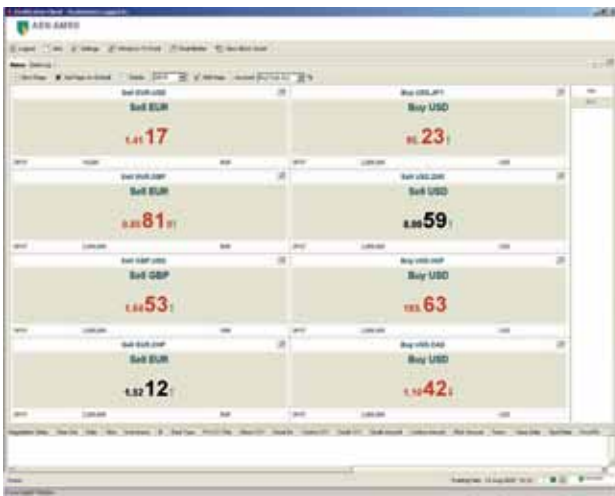


DealStation security

FX ecommerce has grown rapidly over the past few years, with over 50% of corporate and institutional clients now trading online. With that growth have come major advances in technology and support processes, which have in turn improved the efficiency, simplicity and security of online trading platforms. We take security very seriously indeed and have designed DealStation to be robust and secure and ensure the integrity of your online trading.



How security is provided

Providing security requires attention to four key elements:

- **Authentication** – ensuring the users are who they say they are
- **Authorisation** – ensuring that the user has the necessary permission to carry out a specific action
- **Integrity** – ensuring that information passed between the user and the bank is not tampered with
- **Privacy** – ensuring that the information is not visible or open to theft or misuse

Authentication

The users must authenticate themselves by proving they are who they say they are. In an offline environment this might be by using an ID card, a verbal password or simple voice recognition.

ABN AMRO provides each client with a unique user name and password. These are issued separately to help ensure that both are not intercepted together.

Each time someone uses DealStation he/she must enter his/her unique user name and a password. The password works the same way as a bank card PIN and should never be divulged to anyone else.

Users can change their passwords at any time.

Authorisation

Before a user name and password are provided to a client, various checks are carried out to ensure that the user is authorised to make use of DealStation.

In addition, when a user attempts to carry out an action on DealStation, the system automatically checks that the user is authorised to do so.

This ensures that any given user does not exceed the bounds of the agreement with ABN AMRO.

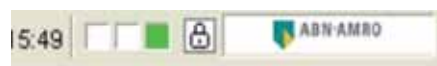


The password can be changed at any time simply by clicking on the Change Password box, entering the current password and choosing a new password which fits the security protocol.

Integrity

All DealStation activity is recorded and stored to provide a full audit trail. This ensures that in the event of a dispute over the integrity of a data a pristine record is available for comparison.

The audit trail is held securely in an encrypted format.



Privacy

Data that is passed between the client and the bank is always encrypted using a Secure Socket Layer (SSL – see over). This means even should someone intercept the data in transit, it would not be readable and would therefore be useless.

Process segregation

Client authorisation, enabling and allocation of security information are roles that are segregated within ABN AMRO. This helps ensure that no one individual could create or manipulate an account. Strict controls are in place to manage the flow of information between the stages in the process.

Secure Socket Layer (SSL)

A Secure Socket Layer (SSL) creates a secure communication channel between ABN AMRO and the client. It allows us to provide authentication, message privacy and message integrity to ensure that your transactions are not tampered with on the way to or from DealStation. This technology is provided as standard and is available on all Internet Explorer browsers.

The SSL process

1. The client's browser asks for a connection to the server
2. The server listens to the client browser's request
3. The server sends its digital certificate to the client to authenticate itself along with its public key
4. The client verifies the server's authentication
5. If authenticated the client's browser creates a random session key and encrypts it with the server's public key
6. The server decrypts the session key using its public key and establishes a secure session



A small padlock appears in the browser footer when accessing a secure connection

An encrypted SSL connection requires all information sent between a client and a server to be encrypted by the sending software and decrypted by the receiving software, thus providing a high degree of confidentiality. Both client and server have different options to select different ciphers to encrypt and decrypt.

Disclaimer

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Passwords

Password management is an important factor in security and therefore we set the following minimum rules for passwords, although DealStation allows you to impose tighter controls if you so desire:

- They must be a minimum length (8 characters)
- They must contain a mixture of letters and numbers
- They must be changed every 100 days

For further information

If you want to find out more about DealStation security or discuss the service benefits, please contact the eDesk.

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