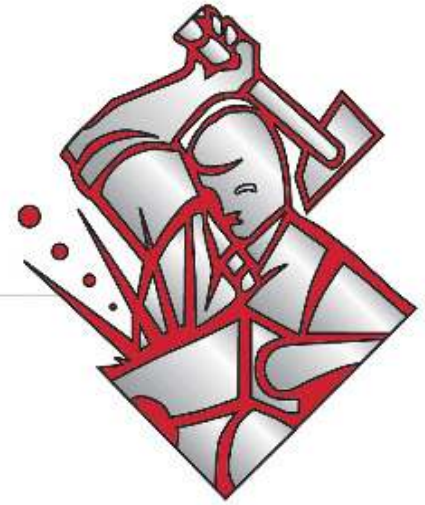


SECURE SOCKET LAYER (SSL)



Secure your transactions and your data and secure your future

Secure ODBC and JDBC transactions over web-based e-business and through company Intranets. MB Foster's SSL support for MBF-UDALink, MBF-JDBCLink and MBF-ODBCLink supports 3 version of SSL - TLS1, SSL2 and SSL3.

Security can be employed by using encryption only, encryption and server certificate authentication or encryption with both client and server certificate authentication. When connected to a server containing a certificate, data between the client and server is encrypted using the server certificates public key.

Enable your applications to use either SSL when required or standard sockets when security is not a concern.

Benefits

- Participate in secure web-based e-business
- Internal encryption of sensitive business data
- Take advantage of security and true authentication
- Eliminate the requirement to move data onto Web servers

Encryption (TLS1)

This TLS1 protocol provides privacy and data integrity between two communicating applications. The Protocol has 2 layers - the TLS Record Protocol and the TLS Handshake Protocol.

Encryption and Authentication (SSL 2.0)

The SSL 2.0 protocol provides privacy between a client and a server. The protocol is designed to authenticate the server and optionally the client. It requires a reliable transport protocol such as TCP. SSL Protocol is application protocol independent. HTTP, FTP and Telnet can layer on top of SSL Protocol transparently. This protocol can negotiate an encryption algorithm and session key and authenticate a server. All application protocol data is transmitted encrypted ensuring privacy.

Encryption, Authentication and Certificates (SSL 3.0)

The SSL 3.0 protocol provides privacy and reliability between two communicating applications. The protocol has 2 layers. The lowest layer which layers on top of the transport protocol is the SSL Record Protocol which is used for encapsulation of higher level protocols.