

How to send and receive ISO message from HTTP server

For example; a ISO8583 message need to be sent to <https://www.domain.com/gateway1/> using TLS tunnel.

The ISO message:

002B600013000008002000010000C0000099000000133837393730383037303030303031313330343831353031

Step by step method:

1. Connect in TCP/IP to address www.domain.com
2. Upon connected, then establish the TLS layer (using your development tools library)
3. Convert the binary ISO8583 message into ASCII hex.
4. Add the following string in front of the ISO string:

```
POST /gateway1/ HTTP/1.1
Host: www.domain.com
User-Agent: EFT Terminal
Accept: text/html
Accept-Language: en-US,en
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded
Connection: keep-alive
Content-Length: 98
```

ISODATA=002B600013000008002000010000C0000099000000133837393730383037303030303031313330343831353031

5. Send the completed message thru TLS tunnel, and wait for the response.

6. The server will response with the following string:

```
HTTP/1.1 200 OK

Connection: Keep-Alive
Content-Length: 82
Content-Type: text/html
Date: Wed, 15 Mar 2017 08:42:16 GMT
Keep-Alive: timeout=25, max=300
Server: Apache/2.4.17 (Win32) OpenSSL/1.0.2d PHP/5.5.30
X-Powered-By: PHP/5.5.30
```

ISORESPONSE=0021600000001308102018010000800000990000163827031500133837393730383037

7. Retrieve the ISO string and convert from ASCII hex into binary.
(Note: use string parsing instead of truncation since the header's length may vary)