

**Model Trading Partner Workpaper  
Process Differences EDI Transmission Via Internet vs. VAN**

Description	EDI over Internet	EDI via VAN
Step 1: Trading Partner 1 Sends Transaction (Section 2.1)		
<ul style="list-style-type: none"> <li>Authorized Trading Partner?</li> </ul>	Special security measures to traverse the public Internet; including: <ul style="list-style-type: none"> <li>encryption/key exchanges</li> <li>ISA/GS codes in transmission envelope</li> </ul>	VAN has its own security; VAN validates sender/receiver through use of logon/password & ISA
<ul style="list-style-type: none"> <li>Time Stamp</li> </ul>	Time stamped when transaction hits Trading Partner 2 designated site ("time c")	Time stamped when hits TP2 VAN mailbox
<ul style="list-style-type: none"> <li>Decryption</li> </ul>	Yes - part of same on-line session	No - immediate decryption advise
<ul style="list-style-type: none"> <li>Status sent from TP2 back to TP1</li> </ul>	HTTP response automatically sent back to TP1 as part of same session, indicates time & whether successful decryption	Reports available from VAN, but not automatically sent
Step 2: Review Syntax of Transmission (Transaction is now inside TP2 firewall) (Section 2.2)	TP2 sends Functional Acknowledgement (or alternatively Response Document)	TP2 sends Functional Acknowledgement (or alternatively Response Document)
Step 3: Validation	TP2 sends Quick Response	TP2 sends Quick Response

MTPA sections that do not apply or are different for VAN

- 1.4.1 VAN does not follow GISB security. No public encryption keys
- 1.4.2 VAN does not use Security Key Exchanges
- 1.5 In Internet communications, digital signature codes can be considered to be contained within the Encryption code; We need to determine what is the signature code in a VAN application (corresponding impact on 3.3.2)
- 2.1 No HTTP response in VAN setting
- 2.2 No Receipt Computer
  - 2.2.1 No decryption
- 2.6 Garbled Transactions does not make sense for either VAN or Internet – If TP2 gets a document, they know who it came from

Numerous Appendix/Exhibit Changes

**Possible Approach**  
**Separate Exhibit/Appendix for VAN Communications**

Special Exhibit

- Keep Contact Information (Lines 328-366, 372)
- Keep Cost Information (Lines 368-370)
- Delete URL (Lines 380, 394)
- Delete HTTP Tag (Lines 390, 404)
- Add Section with special provisions overriding sections 1.4.1, 1.4.2, 1.5, 2.1, 2.2, 2.2.1, 3.3.2

Special Appendix

- Conforming changes to Lines 434-482
- Elimination sections 5 and 11