

TO: GISB Contracts Subcommittee

FROM: GISB EDM Subcommittee

Date: March 23, 2000

Re: AS2 affect on the TPA

As a result of processing Request No. R99035 from Group 8760 the EDM subcommittee is recommending the adoption of certain changes in order to address the business needs for privacy, authentication, integrity and non-repudiation of Origin and Receipt as specified in "HTTP Transport for Secure EDI" (a.k.a. EDIINT AS2). The EDIINT AS2 modifications to the GISB EDM protocol allow trading partners to mutually agree to implement signed receipts. To implement signed receipts the receiving party must digitally sign the gisb-acknowledgement-receipt and encapsulate the gisb-acknowledgement-receipt and digital signature body parts within a MIME envelope with a content-type of application/pgp-signature. Additionally the GISB EDM recommended changes permit trading partners to utilize digitally signed error notifications, if both parties mutually agree to do so. If digital signatures are used, the multipart/report containing the gisb error notification is used to create a digital signature body part, identified by a content-type of application/pgp-signature. Both the multipart/report gisb error notification and application/pgp-encrypted digital signature body parts are combined in a multipart/signed envelope.

When reviewing these proposed changes the EDM subcommittee raised the issue of whether the adoption of EDIINT AS2 requires modification to the Trading Partner Agreement, GISB Standard No. 6.3.3 (TPA). The following areas of the TPA may need to be revised to permit the trading partners to specify their mutual agreement to the use of signed receipts and the specific implementation of such use:

1. Review of terminology throughout the TPA (for example HTTP response, time-c, etc.)
2. Section 2.2 Digital Signature Verification and Decryption
3. Section 2.3 Functional Acknowledgement and Response Document
4. Exhibit (Transaction Set Exhibit), Section 4.

The above list is not intended to be an inclusive list.