

TO: GISB Contracts Subcommittee

FROM: GISB EDM Subcommittee

Date: February _____, 2000

Re: AS2 affect on the TPA

As a result of processing Request No. R99035 from Group 8760 the EDM subcommittee is recommending the adopting certain changes to GISB EDM V1.4, 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 protocol allows 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 EDIINT AS2 protocol permits 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 changes the EDM subcommittee raised the issue of rather the adoption of EDIINT AS2 requires modification to the Trading Partner Agreement (TPA). The following areas of the TPA may need to be revised to permit the trading partners to mutually agree to use signed receipts and error notifications or to allow for the circumstance where a trading partner indicates in a transaction that signed receipts and signed error notifications are to be used when the parties have not previously agreed to such.

1. Section 2.2 Digital Signature Verification and Decryption
2. Section 2.3 Functional Acknowledgement and Response Document
3. Exhibit _____, Section 4.

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