



Gas Industry Standards Board

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TO: GISB EDM Subcommittee Participants & Posting for Interested Industry Participants

FROM: Rae McQuade, Executive Director
Carl Caldwell, Chairman, GISB EDM Subcommittee

RE: Draft Minutes from the GISB EDM Subcommittee Meeting

DATE: November 1, 1999

GAS INDUSTRY STANDARDS BOARD

GISB EDM SUBCOMMITTEE MEETING

Conference Call: 1:30 p.m. to 4:00 p.m., November 1, 1999

FINAL DRAFT MINUTES

I. Administrative

Mr. Caldwell welcomed participants. Ms. McQuade read the roll call and read the antitrust statement. The agenda with no changes was adopted unanimously. Mr. Caldwell noted that there were two related work papers posted on this call that the participants should have read: "Technical Comparison of EDIINT AS2 and GISB EDM", and the EDIINT Working Group Internet Draft for AS2.

II. AS2 Convergence Issue

Mr. Brooks reviewed the actions taken to date by various standards groups regarding AS2. He highlighted the GISB standards, which are accommodated by features within AS2. He noted that AS2 is the next evolution in the Internet standards. IETF has developed all the Internet standards familiar to industries using the Internet and is in the process of endorsing the AS2 standard. The IETF is meeting in Washington next week to achieve consensus on promoting AS2, which is considered a draft by IETF, to the next level - a proposed standard (attached information on the meeting). Two pilot implementations are required to demonstrate that the specification of AS2 is implementable. GPU and All Energy have indicated interest to Group 8760 in participating as pilot implementations.

With AS2, the enveloping structure has changed which would require three changes to synchronize the GISB EDM implementation with the IETF EDIINT AS2 proposal.

1. GISB EDM objects are identified within an HTTP Post, and with AS2 would be multi-part /encrypted with a sub type of application/pgp-encrypted (1).
2. Multiple receipt types are allowed in AS2, and are defined as a multi-part report (2).
3. In upload headers, the requester would identify the type of receipt he would like to receive (3).

This would all be specified in the EDM manual in the implementation guide. These are the three changes that would be required to move to the AS2 standard.

To change from batch or CGI browsers to AS2 standards - Mr. Brooks estimated approximately one week of coding changes and two weeks of testing with a trading partner. The trading partners choose which profile they will follow. To exchange data using AS2, the trading partners agree up front the specifications for an interoperability profile, which could be defined in the trading partner agreement. The GISB interoperability profile would fit inside the



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AS2 standard, and would define which of the AS2 features would be supported in a GISB interoperability profile. The AS2 standard allows for many other specifications.

In discussions, several points were made by the participants including:

- ❖ S/MIME ~~is~~ another type of encryption that could be supported in addition to GISB supported PGP and RSA key encryption.
- ❖ Detachable signatures for additional strength against fraudulent use - two keys rather than one key. GISB supports encapsulated signatures.
- ❖ Signed receipts may be a feature that GISB should support to provide non-repudiation.

Mr. Brooks recommended that GISB determine a single interoperability profile that specifies choices at each level. The choices would allow for flexibility. With AS2, several software providers have noted that they should have products for purchases to give further development choices.

Mr. Brooks offered to identify changes to the EDM manual to become AS2 compliant, (the three changes identified in the second paragraph of this section). Further investigation should be done for the three items that may be reviewed for inclusion in a GISB profile under AS2, (the bulleted items above). Participants interested in these features being included in the GISB profile are encouraged to submit work papers for the next conference call.

III. Next Agenda

The next meeting is a teleconference call, scheduled for Monday, November 22, 1999 -- 1:30 p.m. central. The agenda includes:

- ❖ Discussion and possible vote for the EDM manual changes to accommodate the three changes for AS2.
- ❖ Discussion and possible vote on additional features to be included in a GISB interoperability profile.
- ❖ Discussion and identification of transition issues.

IV. Adjournment

The meeting adjourned at 2:55 p.m. central.



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V. Attendees

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