

GISB Future Technologies Task Force  
EDM Pilot Test Phase II Test Plan  
Outline (V. 1.01) July 30

Purpose of The Test  
Participants  
Proposed Test Schedule  
Error Handling Process  
Test Results

## 1. Purpose of the Test

To build on the experience gained in Phase 1 testing of the EDM Pilot.

Phase II of the test will specifically add the following to the test configuration:

1. Support for Realm Level 1 Security. (Server Basic Authentication)
2. Support for PGP Data Encryption.

Note: See the Future Technologies Task Force Preliminary report, and meeting minutes from the FTTF and FTTF Pilot group for further detail regarding the purpose of this test.

## 2. Participants

As of July 30 the following participants have been identified:

Each participant company that I'm aware of is listed below with current status, if available.

If your status is incorrect or if your company is participating and you were left off

this list, please contact me at (403) 974-2629 or e:mail at lschenhe@nrginfo.com.

Server Direction: Six servers are available. Any company wishing to implement a server is welcome to do so AT ANY TIME even though we are commencing Phase 2 testing. When your server can be available, please let me know

as soon

as possible and whether you would like limited testing with one or two clients or full testing with all clients.

I will notify the participants of your URL.

It is important that all servers be sync'd to NTP.

All servers should implement Realm 1 security in a 2nd URL. The naming convention to be used is to keep the same CGI name and insert a path of 'secure' before it.

For example, NGPL URL without security:  
`http://x12.ngpl.com/cgi-bin/x12cgi.exe`

with security: `http://x12.ngpl.com/cgi-bin/secure/x12cgi.exe`

Client Direction: It is important that all clients also be sync'd to NTP.

See the test plan section below for the Concurrency testing days. When this

testing takes place, Five 10-minute intervals have been identified and each client

should send files to the server continuously throughout the 10 minutes. Any or all

of the four file sizes can be sent. The five 10-minute intervals are stated in CST:

8:30 - 8:40 am , 9:30 - 9:40 am, 11:20 - 11:30 am , 2:00 - 2:10 pm ,  
4:30 - 4:40  
pm

Status by Company:

Altra Energy

Bec Wilson (713) 989-2850

A batch poster is available on the GISB home page for download. Proxy services

are not available at this time but may be available in a later version.

Amoco

Tom Nuelle (713) 366-4034

Amoco will be participating in Phase II as a "Client".

CNG

Mike Shahan (304) 623-8938

CNG is in progress on making a server available. No URL available as of 7/18/96. CNG client testing will be developed once the server is available.

El Paso

Fred Norwood (915) 541-2389 Krish Somasuemdaram (915) 541-2642

Phase II server URL: <http://gisb.epng.com/cgi-bin/secure/x12in.exe>

Phase 1 server URL: <http://gisb.epng.com/cgi-bin/x12in.exe>

Comments: accepts both std POST and multi-part form. Also participating as a "Client".

Enersoft

Larry Stone

7/30. At this time Enersoft is unable to participate.

Enron

John Tsucalas (713) 853-5451

Phase II Server URL:  
<http://x12.enron.com:713/scripts/gisb/secure/cgisbpost.exe>

Phase I Server URL:  
<http://x12.enron.com:713/scripts/gisb/cgisbpost.exe>

Comments: Accepts both mutli-part and standard post. Is also participating as a

"Client".

GISB

Carl Caldwell 775-2140

KN Energy

Dave Harris (303) 763-3321

KN Energy is in the process of developing a client and server. No URL available as of 7/30/96.

NGPL

Cynthia Johnson (713) 963-3376

Phase II server: <http://x12.ngpl.com/cgi-bin/secure/x12cgi.exe>

Phase 1 Server available at: <http://x12.ngpl.com/cgi-bin/x12cgi.exe>

Comments: accepts both mutli-part form and standard POST sync'd to NTP secure server URL not yet available client batch browser using standard post successful client batch browser using multi-part form not yet available

NrG

Lyle Schenher (403) 974-2629 \*PHASE II TEST COORDINATOR  
lschenhe@nrginfo.com

Phase II Server URL:  
<http://199.185.109.100/scripts/edm/secure/testedm.pl>

Phase 1 Server URL: <http://199.185.109.100/scripts/edm/testedm.pl>

Client batch browser works for standard POST the client batch browser can be downloaded from the NrG home page by anyone who would like to use it. Server accepts standard POST format and multi-part forms .

PG&E

Ryan Goldman (415) 973-4484

Will not be able to provide a server client batch browser in progress

PGT

Anatole Farci (503) 833-4304

Server connected to Internet may be available the week of July 26.

Will be

continuing to test as a "Client"

PanEnergy

Susan Crowley (713) 627-6021

Phase II Server: <http://eddie.panenergy.com:5000/secure/pilot.cgi>

Phase 1 Server URL: <http://eddie.panenergy.com:5000/pilot.cgi>

Comments: Server accepts multi-part form and standard POST sync'd to NTP?

client multi-part form successful.

Southern California Gas Co

Manuel Ley (213) 244-4685

Will be participating in Phase II as a "Client" for now, may be activating a server

as we move through the test..

Tenneco Energy

Jim VanderNoot (713) 757-4784 Tim Davis 713-757-4979

Phase II Server available:

<http://w3tgp.tenneco-energy.com/cgi-bin/secure/x12edi.pl>

Phase 1 Server: <http://w3tgp.tenneco-energy.com/cgi-bin/x12edi.pl>

Comments: accepts both mutli-part and standard post sync'd to NTP? client

batch browser complete - std post? Multi-part form?

TransCapacity

Jim Buccigross (508) 535-7500 Fa Huang (same #)

Expects to have client batch browser available soon server availability TBA

### 3. Proposed Test Schedule

July 29- July 31

servers Preliminary testing: Each tester should attempt to exchange keys, and test with as many as possible.

August 1- August 2

Binary Pair Tests:

which NOTE: Some sites are Client only, and have been paired with a server site, sites have client and server capability should exchange files !

August 1:"client > server"

Amoco > El Paso

PGT > Enron

SoCal > NrG

Pan Energy <> Tenneco

NrG <> NGPL

El Paso <> Enron

August 2:"client > server"

Amoco > NrG

PGT >El Paso

SoCal > Enron

Pan Energy <> NGPL

NrG <> Enron

El Paso <> Tenneco

August 5 -August 9

Concurrency Testing: Each day a different  
site of server will be targetted as the designated  
during the day. You should send encrypted files  
this all time windows identified earlier in  
document.

Monday August 5: Enron

Tuesday August 6: NrG

Wednesday August 7: PanEnergy

Thursday August 8: Tenneco

Friday August 9: El Paso

August 13-August 14

Violations Special Purpose tests: Eg. Null File Test,  
Extremely Large File Test, Security  
test, Error Handling Test

4. Error Handling Process

If, during testing, problems are uncovered with the software or with a certain site, the following steps should be taken to resolve the problem:

All problems uncovered by testers must be sent to the designated problem contact at the location that the problem occurred via E-mail with CC going to the testing coordinator. In the case of EDM Phase II testing the test coordinator is Lyle Schenher who can be reached at [lschenhe@nrginfo.com](mailto:lschenhe@nrginfo.com). It is assumed that both the sender and recipient of the transaction will work together to resolve the problem. It is up to the discretion of the person who encounters the defect, whether to phone the site administrator directly in order to expedite problem resolution. If problems are resolved over the phone, one of the parties should follow up with an e-mail to the test coordinator describing the problem, and the actions taken to resolve it.

## 5. Test Results

With the Phase II test scheduled to complete on August 14, all test results should be forwarded to the test coordinator by end of day August 15. This will allow for preliminary consolidation of results prior to our August 19 meeting in Calgary.