

## **CDC Statement about Rhapsody/PHINMS Interoperability**

The CDC has conducted interoperability tests with its PHINMS 2.7.00 SP1 application and the Orion Rhapsody ebXML (specially configured 2.4) application. These tests focused on:

- Rhapsody Sender transmitting data to a CDC PHINMS Receiver
- CDC PHINMS Sender transmitting data to a Rhapsody Receiver

The Rhapsody Sender passed all interoperability tests except it does not support payloads greater than 20 MB. The Rhapsody Sender will function in a Route-Not-Read configuration as a Sender and a Sender/Poller. The CDC believes the Rhapsody Sender should interoperate with a PHINMS receiver.

The Rhapsody Receiver passed all tests except it does not support:

- Receiver-side proxy web servers with SSL transmissions
- Payloads greater than 20 MB
- Synchronous message handlers
- Functioning as a Route-Not-Read Hub

CDC recommends that ebXML Receivers (like Rhapsody and PHINMS) should follow industry-standard “best practices” to place a Receiver behind a proxy web server that is hosted in the receiving organization’s DMZ (“demilitarized zone”), to protect the Receiver from viruses and “denial of service” attacks. Orion has informed the CDC that a future release of its Rhapsody Receiver product will support SSL through a proxy web server.

The stability, robustness, error handling, logging, and performance of the Rhapsody Sender/Receiver were not tested by CDC.

Issues encountered when using the Rhapsody Sender/Receiver need to be addressed by Orion. CDC does not provide technical assistance in installing, configuring, or troubleshooting the Rhapsody Sender/Receiver.