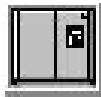# NASEM

(National Airspace System Emulator)

Version 1.0
November 14, 2007

A component of:

Simulation and Integration of Ground, Network, and Air Links

Status:

Operational

Connections:

NASEM connects to Charter as a client and acts as a server for DSREM. This software can support multiple DSREM connections.

Overview:

NASEM is a NAS Emulator. It acts as the NAS host computer that the FAA uses in the EnRoute centers. The communications between NASEM and DSREM use the same packet formats as the real NAS Host and DSR console. This design is intentional to allow the use of our software in place of the operational equipment when needed or desired for training.

NASEM is a black box; it has no graphical interface, only the status information is displayed.