



## MultiSpeak Version 4.0 Interoperability Assertion

### Statement of Interoperable Functionality Between:

| Vendors                         | Products                       | Product Version | Role | Web Client Interfaces | Web Server Interfaces |
|---------------------------------|--------------------------------|-----------------|------|-----------------------|-----------------------|
| Milsoft Utility Solutions, Inc. | Milsoft Web Server             | 8.2             | GV   |                       | GV→AVL                |
| GPS Insight                     | GPS Insight Fleet Tracking AVL | 1.0             | AVL  | GV→AVL                |                       |

### Summary:

Milsoft's DisSPatch OMS product is capable of receiving AVL data from GPS Insight's Fleet Tracking using MultiSpeak web services. GPS Insight's Fleet Tracking serves as the central receiver for GPS and vehicle information from their mobile devices. The Milsoft Web Server accepts real-time update information on behalf of Milsoft DisSPatch OMS. It then prepares/stores the AVL data for display & interaction within DisSPatch clients.

Assuming initial configuration parameters are defined, DisSPatch clients can display an icon on the screen representing the AVL data source. They are also capable of viewing the history of any single AVL data source both in tabular form and as breadcrumb icons on the DisSPatch client map.

### Prerequisites:

The Enhanced Crew Management & AVL add-ons for DisSPatch must be installed and configured for proper integration. The GPS Insight vehicle ID must match the AVLID in DisSPatch Enhanced Crew Management. Additionally, the GPS Insight Fleet Tracking must be able to establish an HTTP connection to the Milsoft Web Server for proper communication.



## Specific Vendor Assertions:

1) DisSPatch will update defined vehicle location icons as real-time AVL information arrives.

**Importance to user:** The user will be able to centrally view where their trucks are within DisSPatch so dispatchers can judge how to best utilize resources and provide increased safety to mobile workers.

**How Achieved:** The Milsoft Web Server will serve as a receiver for incoming **AVLChangedNotifications** being sent from GPS Insight's Fleet Tracking. The DisSPatch client software applications pull information from the Milsoft data store as new data is being translated by the MultiSpeak AVL interface of the Milsoft Web Server and updates defined vehicle icons with a new map location.



**Products:** Milsoft Web Server and GPS Insight Fleet Tracking AVL

**Summary of Interoperability Test Results**

**GV → AVL**

**Table 1**

**Recommended MultiSpeak Methods**

| <b>Method Name</b>     | <b>Importance to User</b>  | <b>Supported by Server<sup>1</sup><br/>GV</b> | <b>Supported by Client<sup>2</sup><br/>AVL</b> | <b>Verified Inter-operable<sup>3</sup></b> |
|------------------------|--|---|--|--|
| AVLChangedNotification | AVL Notifies OA of changes in AVL object(s) by sending the changed AVLLog objects(s) | X   | X  | X  |
| GetMethods             | Requests a list of methods supported by the server.                                  | X   | X  | X  |
| PingURL                | Verifies that the server is running and reachable.                                   | X   | X  | X  |

1) Supported by Server means that the server has demonstrated in some interoperability test (not necessarily with this client) that it can support the method.

2) Supported by Client means that the client has demonstrated in some interoperability test (not necessarily with this server) that it can call the method.

3) Verified Interoperable means that both the client and server have demonstrated in this interoperability test that they can usefully transfer data using this method.



**Certified by:**

**For Milsoft Utility Solutions, Inc.:**

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**Disclaimer:**

The assertions made in this document are statements of the vendors offering the two products listed above. The Testing Agent has observed the software performing the tasks described in these vendor assertions.

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As used herein, the word verify shall mean an expression of the Testing Agent's professional opinion to the best of its information, knowledge and belief, and does not constitute a warranty or guarantee by NRECA or the Testing Agent.