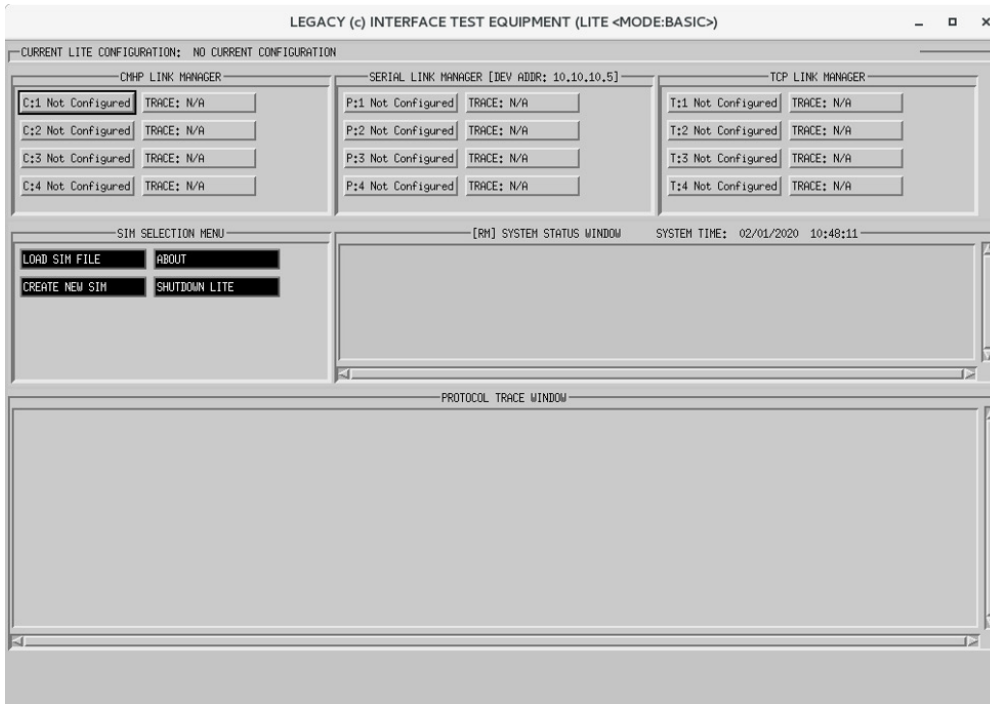


Legacy Interface Test Equipment (LITE)



FEATURES

- Test Environment for TDM to IP transition
- Test FAA Legacy Serial interfaces
- Multi-system Simulation Capabilities
- Use Local or Remotely Across a Network

The **LITE** is a software package that provides multiple system simulation capabilities using various FAA protocols.

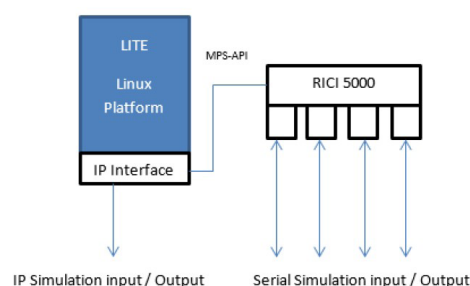
As part of the TDM to IP initiative, there has been a move to transition serial communication circuits to IP circuits. Sunhillo's Legacy Interface Test Equipment (LITE) has been specifically designed to provide a platform for testing FAA Legacy serial interfaces and providing an environment to help in the transition from TDM to IP.

The LITE is a fully configurable simulation tool. The LITE application runs on a Linux host. The application utilizes the IP interface(s) of that host and provides access to the serial interfaces through the Sunhillo family of communication devices, using the Sunhillo Multi-Protocol-Server (MPS)-

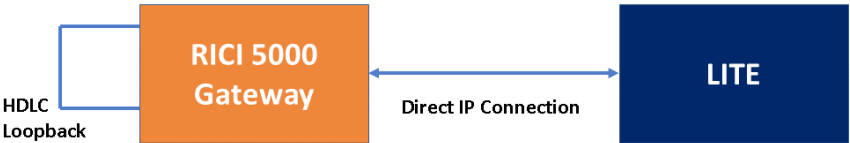
API LAN based interface, and the Federal Aviation Administration (FAA) Common Message Handling Protocol (CMHP) to external systems.

LITE tests the RIC1 5000 Gateway protocol interfaces either locally or remotely across a network.

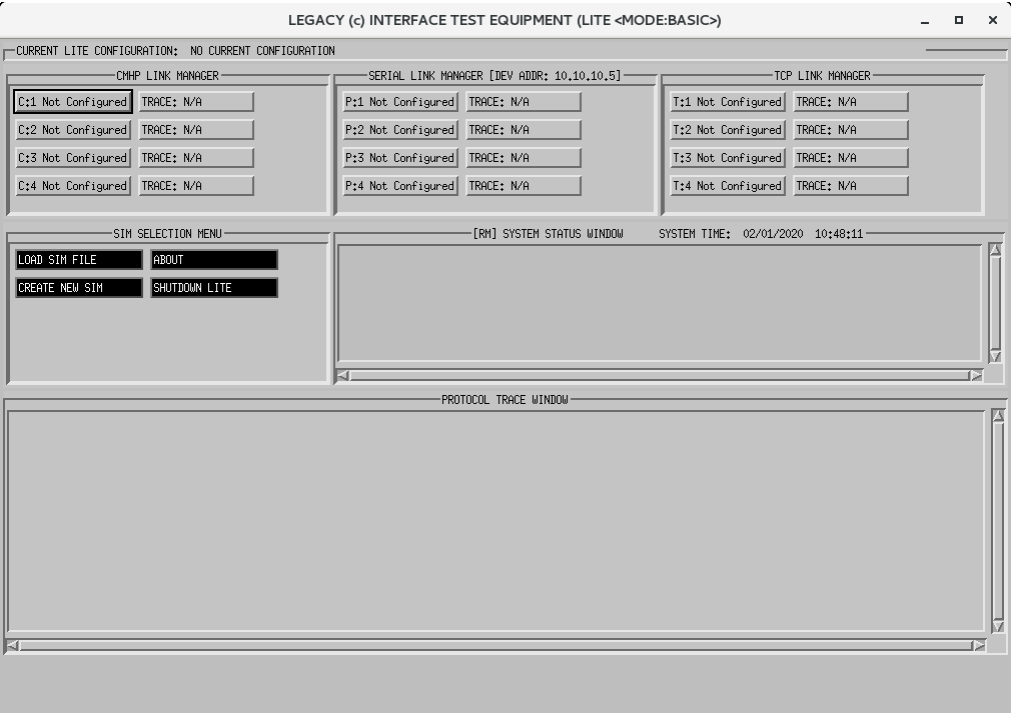
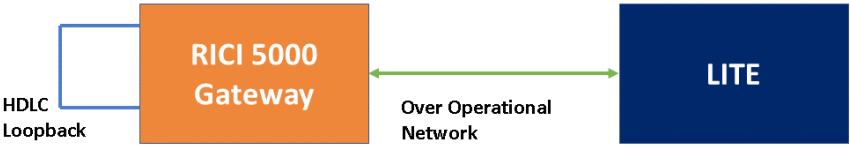
The LITE test suite uses a RIC1 5000 Gateway as the serial interface shown in the figure below:



Local Testing Example:



Remote Testing Example:



The LITE GUI is composed of several sub windows that include:

- 1. Title Line
- 2. Configuration Line
- 3. CMHP Link Manager
- 4. Serial Link Manager
- 5. TCP Link Manager
- 6. Sim Selection Menu

Technical Specifications

Requirements

The LITE simulation tool requires a host computer running Red Hat Linux 7.7 (or compatible) and 64 bit OS with a minimum of at least one Ethernet port.

Sunhillo RICI 5000 Gateway



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