

SLIC RTAM Information Sheet

The purpose of this document is to provide information regarding the SLIC RTAM (Real Time Availability Management) Enhancement.

What is the SLIC RTAM Enhancement?

The SLIC RTAM enhancement will simplify the SLIC Web Services API by providing new Web Service definitions that encapsulate, automate, and abstract existing SLIC Web Services. This enhancement introduces an efficient means for generators to update MW availability in the real time horizon (up to 4 hours in the future). In addition, the enhancement will build in new Web Services logging functionality that will enhance debugging and support capabilities. The SLIC problem domain, transactional data, user interfaces and workflow will not be modified as a result of this enhancement.

What is included in the SLIC RTAM Enhancement?

It is important to note that the existing SLIC business processes, internal client application user screens, and data output will not change. This enhancement makes new functionality available.

The implementation of RTAM will include the following:

- A simplified programmatic interface for retrieving current unit availability information. The implementation of this interface will leverage *existing* SLIC business processes and functionality.
- A simplified programmatic interface for submitting real-time unit availability data. The implementation of this interface will leverage *existing* SLIC functionality to automate the creation or revision of SLIC outages.
- A new programmatic interface for retrieving the identifiers of currently active outages that were submitted using the new RTAM programmatic interface (see above).
- A new programmatic interface for retrieving configurable, extensible, user-specific SLIC system information. The system information that will be available in the initial release includes lists of outages with start or end times that are past due and lists of outages that require a forced outage report.
- Improved logging of programmatic interactions between SLIC and external applications.
- A Developer Toolkit with documentation, sample code, and a sample application that demonstrates how to develop an application that interacts with the SLIC programming interfaces.