



Overview

WAE Live gives immediate and easy access to both current and historical data. Combined, the Explore, Analytics, and Map components offer flexible, interactive means of finding summarized aggregate views or quickly narrowing the search to only relevant details. Explore enables you to interactively navigate to current and historical data, and Analytics allows you to generate reports on this data. Map includes a near-realtime weathermap and health panels from which you can navigate to relevant network data. Note that WAE Live information is available on a per-network basis if configured by the administrator.

This guide includes the following chapters.

- [Objects, Properties, and Data](#)—Lists the objects and properties that can be shipped with WAE Live, and describes the raw data that WAE Live uses.
- Common user interface tools
 - [Graphs](#)—Describes common elements of using the graphs in Explore and in the report output.
 - [Tables and Filters](#)—Describes common elements of using tables, including filtering options.
- [Explore](#)—Describes how to use Explore tables and graphs to navigate to data.
- [Inventory](#)—Describes how to view a hierarchical representation of the current hardware in your network.
- Creating new reports
 - [Configuring Reports](#)—Describes the required steps for all report creation and how aggregation works within reports. It also describes how to name reports, apply filters and sorting to named reports, and export report data.
 - [Traffic Reports](#)—Describes how to create reports to determine current and projected traffic trends, as well as project traffic.
 - [Health Reports](#)—Describes how to create reports to determine the health of network objects and whether LAGs are imbalanced.
 - [Deviation Reports](#)—Describes how to create reports that identify sudden shifts in property values.
 - [Ad Hoc Reports](#)—Describes how to create customized reports.
- Viewing, re-running, and scheduling reports
 - [Reports](#)—Describes how to view and rerun previous reports, as well as how to schedule and email them.
 - [Report Log](#)—Describes how to view and rerun reports.
- [Map](#)—Describes how to use the Map panels and weathermap to determine current network health, as well as how to navigate to more detailed network information.

Sample Use Cases

Following are a few of the WAE Live use cases across diverse groups.

- Operators—Instantly detect backbone congestion, assess currently impacted LSPs, and decide reroutes based on size and path.
- Planners—Develop trending reports for importing into WAE Design growth plan tools to determine future needs, such as site-to-site traffic trends per class of service.
- Designers and Engineers—Determine whether LSPs are routed on their shortest paths over time and what events cause them to reroute.
- Peering Coordinators—Monitor priority peers and their growth while verifying that traffic is balanced.
- Business Managers—Determine impact of product launches per market or per site.

WAE Live Menu



Note

The availability of menu items depends on the licenses purchased.

Menu	Description
Explore	Enables you to interactively navigate to objects and their properties to view their current or historical state through tables and graphs. You can also use the selections for input when creating reports from Analytics pages.
Inventory	View a hierarchical representation of the current hardware in your network.
Analytics	<ul style="list-style-type: none"> • The Configure Report page provides access to creating multiples types of reports, including health, traffic, deviation, and other user-specified (ad hoc) details. • The Reports page lists those reports that you have named and identified for frequent use. You can rerun reports, access report results, and schedule reports to run at specified dates with results mailed to you or others. • The Report Log page lists all reports previously run, including both named and unnamed. You can rerun reports and access report results. This page lists each report's job ID, which is required information for importing traffic reports into the WAE Design GUI.
Map	Displays a physical topology (weathermap) in near-realtime to show what is currently happening in the network. Additionally, there are high-level health panels, and you can drill down to see more detailed information.
Settings	If you are logged in as an administrator, enables you to perform administrative tasks, such as adding users or creating new properties. For more information, see the <i>WAE Live Configuration Guide</i> .

Related Topics

- *WAE Design Integration and Development Guide*
- *WAE Live Configuration Guide*
- *WAE Network Visualization Guide*