



LogMate® Alarm Management Software Using Integrated SQL Server Reporting Services® (SSRS)

Overview

LogMate® Alarm Management Software includes the ability to generate a large variety of alarm activity reports, trends, and KPIs. Even with the extensive on-board report capabilities, some situations may require a unique analysis or report design.

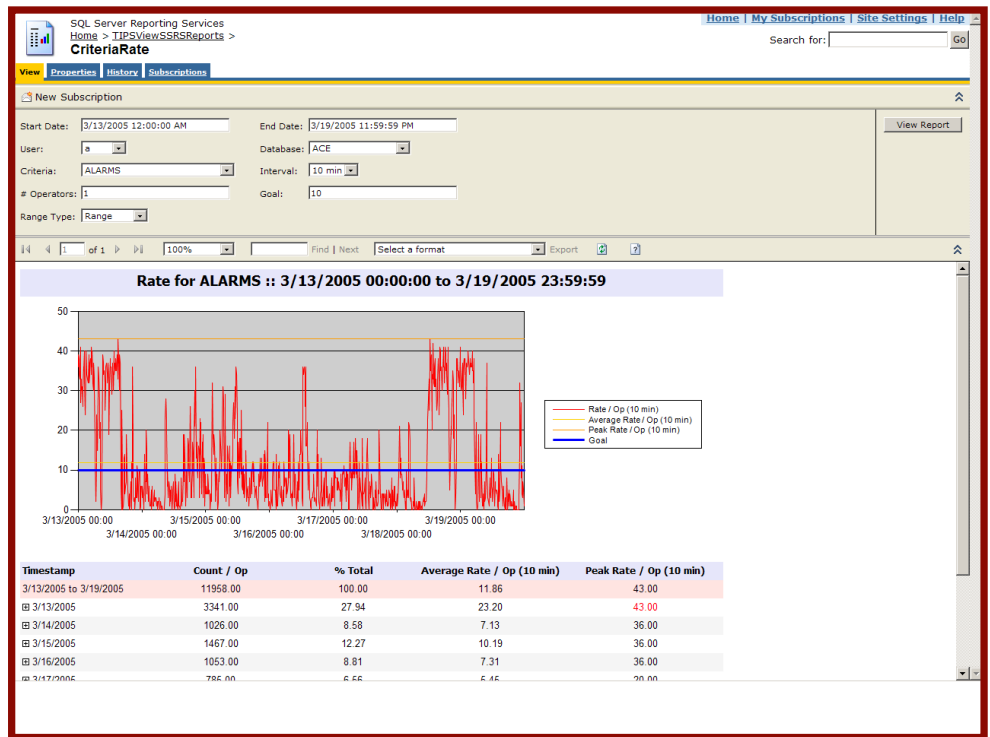
As a solution for these ad-hoc reporting needs, LogMate links to the powerful SQL Server Reporting Services® (SSRS) report builder. SSRS is a thin-client utility included with standard Microsoft SQL Server® packages. It gives SQL Server the ability to create virtually any report without relying on an external report building program.

LogMate and SSRS can share settings such as source database, date range, and active query, so selections in a LogMate window seamlessly transfer to an SSRS report. Reports built in SSRS can be accessed directly from a LogMate window by clicking “SSRS” in the main LogMate navigation menu.

Using SSRS

SSRS is a thin-client tool, accessible from any authorized and compliant Internet Explorer® browser. The specifics of using SSRS can be found in the extensive documentation found in the SQL Server help files. The basic SSRS environment consists of a report builder, categorized report libraries, and administrative tools such as export, copy, and rename.

The SSRS designer uses three basic components: a calculation engine, a data entry or selection form, and a results display area. Once the report is designed, it can be named and made available for immediate



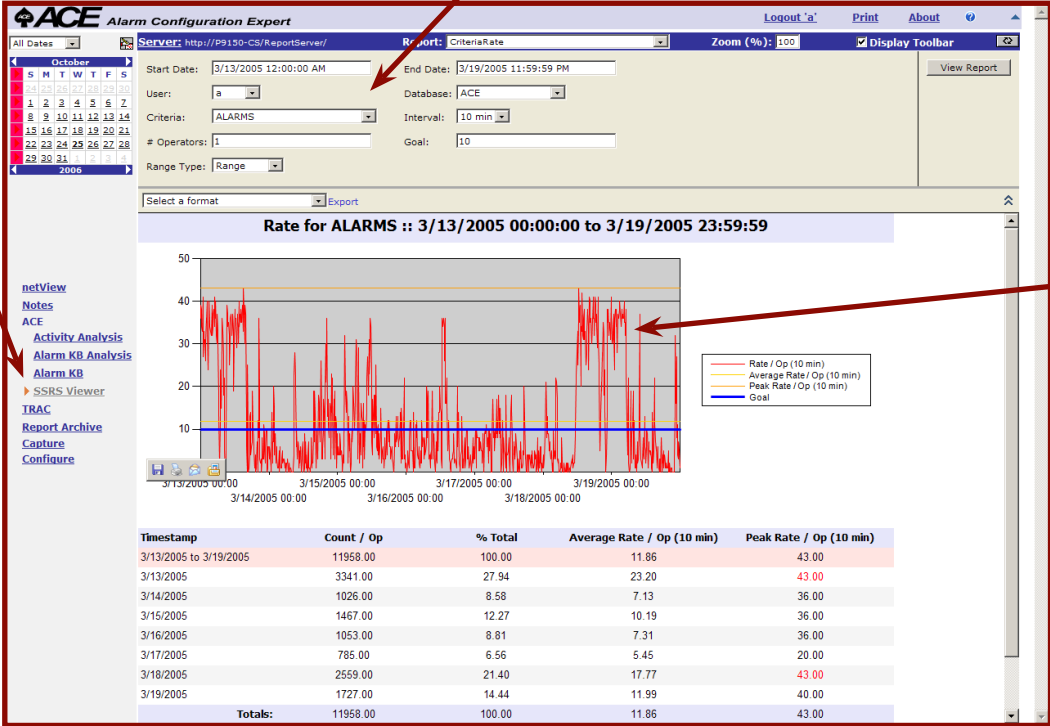
SQL Server Reporting Services Screenshot

recall by clicking the report name in the browser. Reports can be preconfigured to use specific data and criteria or they can allow for data entry and selection.

Integration with LogMate

SSRS and LogMate share the same infrastructure as far as SQL Server and the Internet Explorer thin-client interface. The SSRS integration enables a LogMate screen to embed the SSRS viewer within the same browser screen. LogMate simply needs to know the location of the SSRS service.

Clicking the SSRS link in the main LogMate navigation menu opens SSRS inside the LogMate framework and passes the current LogMate settings (Database, Criteria, Date Range) to the SSRS server. The desired report is then selected from a drop down menu and the results are displayed on screen.



Change SSRS settings if necessary

Access SSRS from the main LogMate menu

View embedded SSRS report

Timestamp	Count / Op	% Total	Average Rate / Op (10 min)	Peak Rate / Op (10 min)
3/13/2005 to 3/19/2005	11958.00	100.00	11.86	43.00
3/13/2005	3341.00	27.94	23.20	43.00
3/14/2005	1026.00	8.58	7.13	36.00
3/15/2005	1467.00	12.27	10.19	36.00
3/16/2005	1053.00	8.81	7.31	36.00
3/17/2005	785.00	6.56	5.45	20.00
3/18/2005	2559.00	21.40	17.77	43.00
3/19/2005	1727.00	14.44	11.99	40.00
Totals:	11958.00	100.00	11.86	43.00

SSRS Licensing

The LogMate SSRS integration is included as a part of the ACE license. ACE includes Alarm Activity Analysis, Alarm Configuration Analysis, Alarm KB (Documentation and Rationalization), and SSRS.

LogMate Licensing

LogMate is licensed per data source connection (Port), per Module, and per number of Client accesses allowed. Modules include netView for grid-style display of process messages and freeform notes, ACE for advanced activity analysis and alarm design, and Signal for automated notification of events or alarms.

Contact Us Today!

We are happy to further discuss the benefits of SSRS and LogMate. Contact us at:

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You can learn more about LogMate on the TiPS website at www.tipsweb.com.