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LiveData Dashboard

LiveData Dashboard presents mission-critical data to any authorized user who needs to know what is happening *as it happens*. Designed as a LiveData RTI Server application, LiveData Dashboard delivers visually compelling data views that enable instant understanding and rapid response to changing operating and business conditions.

Complex, capital-intensive operating environments run on fine tolerances, where real time response truly matters. Faster response to changing operational conditions can yield huge returns: fewer service interruptions, happier customers, improved asset utilization, and better return on investment. LiveData Dashboard delivers both real-time and historical data views that provide perspective, help users compare diverse occurrences, and provide the means for rapid recognition, analysis, and response.

A vehicle's dashboard displays multiple blocks of information, such as speed, mileage, and gas consumption. Similarly, LiveData Dashboard offers highly visual representations of key information that a given user needs. Representations may include bar charts, graphs, tables, special message boxes, or other customized views. Views are updated continuously.

Authorized users view their dashboards from any Web-enabled device that can access their Intranet: a PC or laptop, handheld PDA, or a mobile phone. LiveData Dashboard works with any Web browser and requires no client-side installation.

LiveData Dashboard helps organizations make the most of their real-time data, identify issues sooner, respond faster, and achieve real, measurable returns.

Features of LiveData Dashboard

Data Visualization. LiveData Dashboard accommodates any information type and source. Data can be synthesized and transformed into accessible, easy-to-read line graphs, bar charts, tables, and blocks of text. With a click of the mouse, users can choose and configure many different analytic or operational views, which appear instantly.

Securely accessible from any device with a Web browser. Users access their views through their Web browsers. Access is subject to password security and other protections.

Flexible configuration and personalization. Dashboard managers have broad flexibility in creating and customizing user views. Users, in turn, may further personalize their Dashboards. Monitoring priorities may change from day to day; users may choose to define their own operational views, name them, and switch between them at will.

Conditional notification options. LiveData Dashboard allows users to set rules-based notification indicators when operational limits are exceeded. Users determine the method of notification: visual (such as a graphic element assigned to change color or blink), or by e-mails, pages, or calls.

Choice of frequency of updates. Dashboard data blocks can be updated according to the user's preferences—as frequently as every second.

Bi-directional communication: see *and* respond. LiveData Dashboard fully utilizes the LiveData RTI Server's ability to run and orchestrate multiple applications. The Dashboard can present results from data analysis including leading third-party analytic packages, making it far easier for users to identify multiple, simultaneous, and interdependent occurrences.

Real-time response to time-critical situations. The bi-directional communication capability enables Dashboard users to take action. For example, users can approve an automatic response, invoke a remote process, and page key managers. Dashboard accommodates time-sensitive data needs.

Easy to create and administer. A complete Dashboard can be created in a matter of minutes. Dashboard managers select processes and data flows to be monitored, and define which individuals or groups will be permitted access. They also select graph or table display options, and the number, size, and location of data blocks.

Imports forecasts from third-party applications. Dashboard can track current values against forecasts, as well as historical values when used with LiveData Historian.

Incorporates historical views. Dashboard automatically supports LiveData Historian, and can also access data from other popular data archives and databases. Dashboard will create graphics that compare current views with prior periods.

Open architecture supports most popular portals. A complete, fully functional Web portal is included with LiveData Dashboard. For organizations that prefer a unified enterprise view for their users, LiveData Dashboard is easily integrated with enterprise Web services, and supports most popular Web portals, including those from Microsoft, Oracle, and other leading vendors.

Requirements

LiveData Dashboard requires the LiveData RTI Server running on Microsoft Windows 2000, XP, 2003, or Linux. Industry standard PC hardware is supported; processor speed and memory requirements vary with data archival requirements.

About LiveData

LiveData, Inc. is the leading innovator of smart integration technology, addressing the real-time data, application, and process integration needs of mission-critical operations. LiveData solutions continuously monitor, synthesize, and respond to highly complex, multi-faceted processes, spanning hundreds to tens of thousands of devices, diverse protocols, systems, and databases. Customers include Fortune 1000 energy companies and utilities, manufacturers, leading health care institutions, and state and local governments. Founded in 1991 and headquartered in Cambridge, Massachusetts, LiveData is privately held.