

# Speedgain Gateway Monitor From itgain, Inc.

## Pinpointing the Barrier in the Long Journey Over the Network

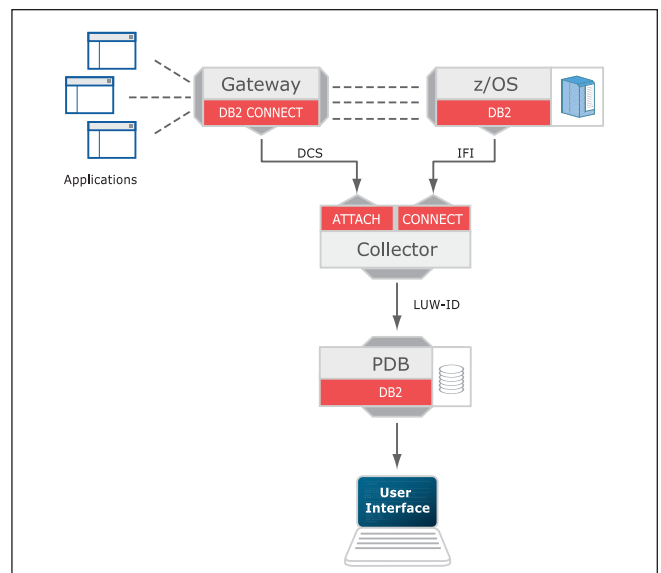
Remote applications using DB2 connect gateways to access z/OS UDB for z/OS must travel a long way from a remote application to the mainframe. Today's networks have a great many connection points and gateways through which data must travel between database and end user, customer, or business partner. Performance bottlenecks result in lost time, lost productivity and, especially for e-commerce business applications, lost revenue. The challenge of the sprawling network for IT professionals and business leaders has been the ability to precisely—and automatically—pinpoint the exact location of performance problems.

That's where Speedgain Gateway Monitor from itgain helps. Speedgain Gateway Monitor harvests performance data from all points of interest for a DB2 Gateway connection—network, mainframe, and DB2 connect Gateways—to provide a comprehensive, single-view of the exact cause of a bottleneck or slow-down. It centralizes, aggregates, and standardizes the information typically received from a variety of different sources to investigate performance problems—traces from TCP/IP, VTAM, DB2 DCS Snapshots, IFI records, and so on. Additionally, it presents the diverse information in a single GUI that's easy to understand by all affected groups. With Speedgain, there's no need for a DB2 analyst to figure out a TCP/IP trace report and there's no need for the VTAM expert to fathom the intricacies of a DB2 trace. The result is the ability to quickly identify the root cause of a performance problem, implement the corrective steps, and get back to business without delay.

### Quick Implementation and Deployment

Speedgain Gateway Monitor contains four major components and installs and deploys quickly. The first component is a set of user-defined table functions that make IFI records, TCP/IP information, the dynamic statement cache, and other performance figures accessible via SQL. The second component is the Collector that captures trace data information from the DB2 Connect gateways and z/OS in the expanded enterprise network. Some of these are traces that, in just about every environment, are always running behind the scenes where the data remains unused unless needed. Speedgain harvests trace information for 24x7 performance monitoring.

The third component is the unique DB2 performance database where Speedgain stores all data. Using a standard DB2 architecture, it is installable on either z/OS or Unix. Therefore, in addition to the Speedgain interface, data stored in the Speedgain database can be accessed via standard SQL statements and used for individual reporting and analysis. The fourth component is the intuitive user interface.



### Usage: Reporting, Automated Monitoring & Alerts

The interface delivered with Speedgain Gateway Monitor provides an immediate view of performance problems. Administratively, conditions can be established for acceptable performance thresholds and automated alerts if established thresholds are surpassed. While high-level visual alerts are designed to be “eye-catching,” detailed information, such as numerical data concerning the current operation of the DB2 database, is presented in diagrams. Problematic values are clearly displayed, causes are analyzed, and results are presented in clearly arranged reports. In effect, Speedgain provides one click to discover the problem.

Speedgain's alert system allows for automated reporting of problem situations and integrates, via user exits, with system management tools such as Tivoli and others. It can send alerts to mobile recipients via e-mail, SMS or text messaging, providing the means for analysts to immediately begin problem resolution actions.

Speedgain also provides long-term views of performance activities using the data collected over time to produce reports for trend analysis, availability, and utilization—ideal for future planning for performance upgrades, hardware expansion, or software changes. **Z**

Speedgain Gateway Monitor is available from itgain, Inc., 530 Means Street, Suite 120, Atlanta, GA 30318. Voice: 800-618-1684 or 978-774-8376; Website: [www.itgain.com](http://www.itgain.com)/Europe [www.itgain.de](http://www.itgain.de).