



BI GuardServer® now features the BI TotalAccess® software platform, enabling agencies to monitor all BI equipment from one user interface.

Operate Your Own Electronic Monitoring Program

For agencies that want to run their own electronic monitoring program without relying on a third-party monitoring center, BI GuardServer, powered by TotalAccess, provides a robust, yet flexible solution. This latest generation BI host system is designed to support all BI's electronic monitoring equipment, including GPS, alcohol, and radio frequency monitoring equipment.

Because the agency owns the host system, they have control over data, protocols, system redundancy and more. Agencies can customize client enrollment, alert methods, client schedules, and reporting to fit their standard operating procedures.

Product Overview

Located at the agency site, GuardServer, powered by TotalAccess, runs on a network of multiple PC workstations and a centralized database server for 24x7x365 monitoring. GuardServer is housed within a self-contained rack cabinet that interfaces with the agency's network infrastructure. It offers advanced monitoring software and hardware, including Windows Server 2003®, Microsoft SQL Server 2008™, and RAID 1 and 5 hard drive subsystems for data protection and continuous system backup.

The server system runs BI's TotalAccess software platform which provides officers with a centralized location for all monitoring information and essential functions including:

- Enrolling and deleting clients from the system
- Viewing and processing alerts
- Configuring equipment settings
- Viewing, entering, and modifying data including zones, schedules, and client photos
- Viewing, running, scheduling, and downloading reports
- Entering procedures for responding to violations and customized violation notifications
- Pairing events to minimize alert notifications

Officers and agency staff have 24x7x365 access to this robust software program from any network PC, including agency laptops. They may also host the application outside their network environment to increase accessibility.

Key Features

- Three system configurations based on unit count – 500, 1000 or custom
- RAID 1 and 5 hard drive configurations assures no lost data
- Removable hard drive media for data backup
- Two hot-swappable power supplies
- Integrated environmental sensor monitors system cooling, power and processor status
- Database is Microsoft SQL Server 2008
- Automatic data transfer in preparation for backup
- Automatic emailing, paging and faxing of alerts
- Optional barcode scanner to manage inventory



Scope: The design, production, installation and support of EM services and products in the Boulder, CO and Anderson, IN facilities.

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The robust processing power of the Windows SQL 2008 Server enables GuardServer, powered by TotalAccess, to accurately and effectively monitor multiple offenders simultaneously. With the capability of supporting programs of all sizes, GuardServer collects and processes all data transmitted by field equipment, which is then stored, maintained, and archived in the server's database. GuardServer stores monitoring data to subsystem disk drives for several years after which time the data can be automatically or manually backed up to removable media, such as flash drives or removable hard drives for later retrieval.

Data Back-up & Security

BI understands the importance of protecting and storing valuable client monitoring data within the agency's central monitoring computer. To ensure superior data protection, security, and reliability, GuardServer, powered by TotalAccess, includes a hard drive disk array system that mirrors production monitoring data. Additionally, GuardServer stores monitoring data to subsystem disk drives for several years after which time the data can be automatically or manually backed up to removable media, such as flash drives or removable hard drives for later retrieval.

GuardServer incorporates an automatic data backup system composed of RAID 1 and 5 hard drives that store backup monitoring data in near-real time. In addition to near-real time data backup through removable hard drives, a hot spare system is ready to take over in the event of a hard drive failure. With this data protection system, agencies can be confident in comprehensive monitoring data protection and security.

Supporting the Entire Suite of Technologies from BI Incorporated

For agencies accustomed to BI host systems, this newest system will be accompanied by the same reliable service and technical support they have come to rely on. Additionally, familiar users will now enjoy a consolidated software platform to support the continuum of BI electronic monitoring equipment including:

- BI ExacuTrack® GPS series comprised of passive, active and one-piece tracking options
- BI TAD® continuous, transdermal alcohol monitoring
- BI HomeGuard® series of radio frequency curfew monitoring products
- BI Sobriotor® remote alcohol monitoring

Call 800.701.5171 today to schedule a product demo.