

GeoLocation

Knowing When Your Data Crosses Borders



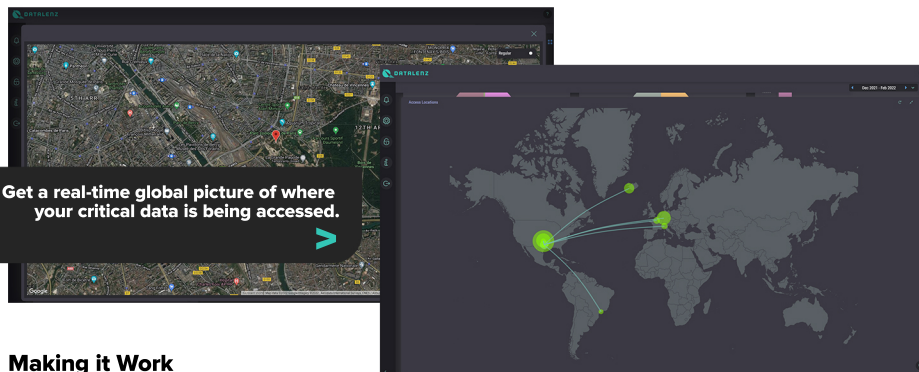
Every business's most valuable data is subject to laws and regulations about which borders it can cross. Like most organizations that use IBM Z mainframes, you probably have customers, partners, and suppliers beyond your local geography. You also have employees who travel to meet with them – and access your sensitive applications and data as part of performing their jobs. And if your employees have such legitimate access, it is also a concern whether trusted partners or illegitimate actors do as well.

Even your most trusted employees may not be conversant with every regulation about which applications and data they shouldn't access when crossing borders. Partners may even be less attuned, and bad actors will not care. That doesn't excuse you in the eyes of the laws and regulators if they do so.

A GeoLocation capability you the peace of mind that comes with being sure your data is not putting your organization in legal or compliance jeopardy. By knowing when and where your sensitive data is being accessed, you can build a strong practice of defending your organization's compliance.

Seeing is Relieving

Real-time data monitoring and alerting can give you a global picture of where and when your sensitive data is being used, notifying you when accesses cross boundaries. With Iconium Software's product DataLenz, you can monitor or be alerted when critical data is accessed out of bounds. The intuitive map and widget display makes it clear where the access is happening, and you can configure monitoring and alerting to concentrate on a complete selection of specific datasets, applications, geographies, and users.



Get a real-time global picture of where your critical data is being accessed.

Making it Work

By utilizing efficient data interception and evaluation algorithms, mainframe resource usage is minimal, while your configurations and data are kept secure and immediately available. The graphical administration, monitoring, and reporting interface is intuitive and versatile. And the patent pending geographic user location algorithms give you confidence that you know when and where application and data access are creating a situation of jeopardy.

Know and Tell: What Happened

Whether you're looking for specific events, or just seeking patterns and outliers, an advanced data research interface gives you a wide range of ways to select and depict data. For regulatory and legal compliance, and other auditing, knowing that nothing happened can be as important as discovering that something out-of-the-ordinary did happen. The DataLenz interface and reporting features give you this functionality with a friendly, versatile interface.

Perhaps even more importantly, though, when something does happen, the important information reaches those who need to know quickly and reliably using SMS messages, email, ITSM integrations, and visual display alerts.

Patent Pending Geolocation Technology

An industry first, it allows you to know the physical location of your employees, partners, or bad actors when they access your critical applications and data.

Out-of-Bounds Alerting + User Termination

Get immediate notification when your organization is put in jeopardy by access of data from forbidden states & countries. Rules allow any violation to terminate the security credentials of any offending user immediately.

Immediate Visual Clarity

Visually clear map of where accesses are being performed & where your data is stored.

Simple, Versatile, Secure Administration

An advanced, intuitive, graphical administration interface allows for granular settings for a wide range of data, users, departments, and even local administrators.

Historical Data Viewing and Reporting

Comprehensive auditing with a flexible online interface and historical reporting of the start and end point of all monitored accesses allows immediate reaction to compliance requirements.

Technical Details

- DataLenz runs on IBM Z mainframes with supported releases of z/OS.
- Installation of the DataLenz z/OS agent is simple and straight-forward, along with limited network configuration.
- DataLenz supports all z/OS data types.
- Data access start and end events are recorded for specified datasets, and kept in mainframe-based logs, accessible for reporting and real-time monitoring and alerting through the graphical interface.
- The administrative and reporting interface runs as a workstation client, with secure access to your IBM Z mainframes running the DataLenz agent.
- The patent pending DataLenz technology tracks the location of your employees with the actual IP address of the device they are using, even if they are going through VPN or using NAT.

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