

# dataSentinel. Quite possibly the world's most secure data storage system.

dataSentinel is the world's first data security system to actually deliver both **greater accessibility and portability** while also allowing **increased security**.

The patent-pending technology allows files to be accessed by authorized users from any Internet-connected computer,

anywhere in the world, while securely locking out everyone else. **Even security leaks and lost data due to missing laptops can be a thing of the past.**

dataSentinel is surprisingly easy to set up and use, and can be configured to meet any company's operating style and needs.

## Technically speaking... just how safe is dataSentinel?

Very safe. **dataSentinel is exceptionally easy to use, but if you want to get technical...** the system uses a one-way cryptology algorithm seeded by a 256-bit AES key and the file's fully-qualified path name, to create a storage schedule for each file's blocks. This schedule is discarded after the blocks are written, and rebuilt from the same inputs when a file is read. File retrieval is therefore based solely upon a calculation, without the use of a centralized database.

Blocks are stored on servers based on a 64-bit ID number. A brute-force attack on a 100-block file would require at least 230 billion billion seconds... about 7.3 trillion years. Better pack a lunch.



There's an old management principle that if a process is not easy to use, then it simply won't be used. Technology should match the working style of your employees, rather than the other way around.

That's exactly what dataSentinel does:

- Minimal end-user provisioning.
- No end-user software installation or configuration.
- No backup processes.

Just security, accessibility, and ease of use.



Get in touch with a dataSentinel authorized agent today, or contact us directly using the information at the bottom of the page.

Design by Lorne Pike & Associates

**dataSentinel**  
simple. safe. secure.

213 - 31 Peet Street • St. John's • NL • Canada • A1B 3W8  
www.dataSentinel.com • info@dataSentinel.com  
Toll-Free: 877•455•3282 Local: 709•738•7517

# It's not just data. It's your business.



# Protect it.

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## Protected.

dataSentinel is an exceptionally simple yet secure way to protect company data. It allows authorized personnel to access data from any Internet-enabled computer, while securely locking out anyone else.

dataSentinel does not store data on your local drives, thus eliminating virus or phishing attacks on your data. Users must have both a dataSentinel data key and a password to gain access, and data is stored on system servers, rather than on the local laptop or remote computer. This *completely removes the risk of data being vulnerable, even if a computer is lost or stolen.*

dataSentinel will be of particular value to companies seeking:

- exceptional security;
- unparalleled accessibility and portability;
- easy yet fully secure access from field offices or remote locations;
- short implementation time;
- easy setup and use; and
- protection against data loss or vulnerability due to lost or stolen computers.

dataSentinel takes your company's data security to a whole new level.



**Missing a Laptop?**

Over 12,000 laptops are lost or stolen every week at US airports alone. Some 53% are said to contain confidential company information... and about 2/3 of those computers are never recovered.\*

dataSentinel can eliminate the risk of data leaks or loss due to lost laptops. We even keep systems safe if users log in to file-sharing Internet sites. dataSentinel. The name says it all.

\* Airport Insecurity: The Case of Lost Laptops. June 2008 Survey by Ponemon Institute; sponsored by Dell.

## Doing Things Your Way.

dataSentinel works because it fits within users' normal work habits. No backup processes need to be learned, and no new technologies mastered. dataSentinel protects corporate data invisibly, while your team operates to their peak efficiencies.

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## Easy to Implement.

- Setup and training typically completed in just one week.
- Our experts install your servers in strategic locations within your facilities, and thoroughly checks all functions.
- Our trainer then helps create guidelines to suit your company's workflow.

## Easy to Use.

- A great simplification over conventional solutions.
- Users operate in a completely secure environment, without ever needing to perform backup or restore functions.
- Easily add, remove or modify security clearances for any user or group.

## Easy to Grow.

- As storage needs increase, just add more servers.
- No engineering is required; new servers are incorporated immediately.

## Military-Level Encryption x 18,000,000,000,000,000,000.

