

## DataMirror® Transformation Server™ Fact Sheet

# High-Performance Data Replication

In today's fast-paced world, access to real-time data has never been more important. To be successful, organizations need to be able to report and analyze corporate data quickly and easily, regardless of what applications created the data, what platform they're running on, or what database they're stored in. They need to synchronize inventory, financial and customer information between existing systems and Web applications. And they need to be able to consolidate and distribute data between applications across different regions, business units and departments.

DataMirror Transformation Server is a high-performance, peer-to-peer data replication solution that:

- Integrates data bi-directionally between multiple computing platforms
- Moves data in real time, with lower latency than batch loading, query or message-based systems
- Can be deployed quickly and easily using a graphical user interface to solve many different business problems

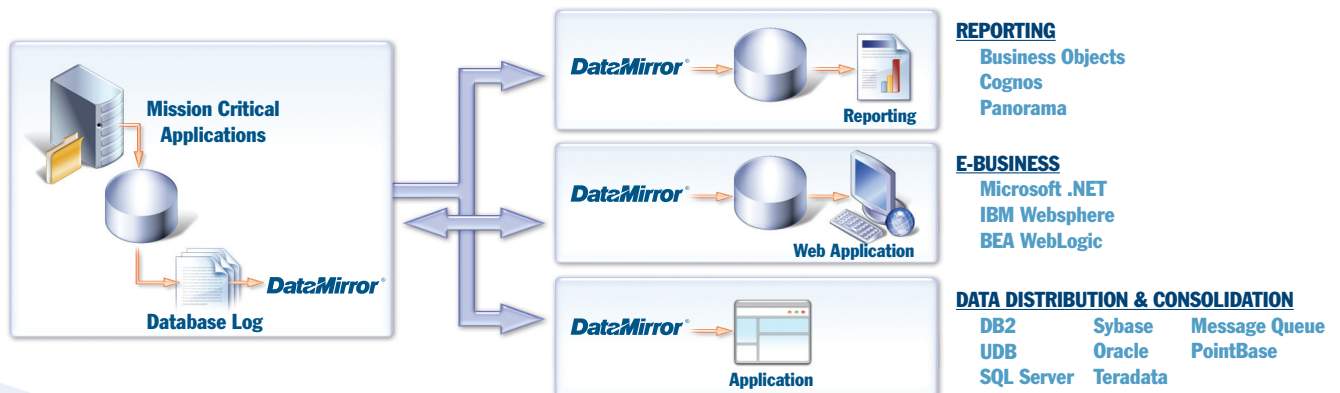
## Why Transformation Server?

With a powerful real-time data integration solution, today's organizations are making better business decisions, running smoother operations, winning new customers and partners, and increasing their bottom line. They're using Transformation Server to:

- Load data warehouses in real time so they can make operational and tactical business decisions based on the latest information
- Distribute information between different applications to ensure accurate and reliable data across the enterprise
- Integrate information between mission-critical systems and Web applications so employees, customers and partners have access to real-time information
- Consolidate financial data across systems in different regions, departments, or business units
- Improve the operational performance of systems that are adversely affected by shrinking nightly batch windows and expensive query and reporting functions

## Did You Know?

More than 500 DataMirror customers use Transformation Server to solve multiple business problems. Load a data warehouse, synchronize data between existing systems and Web applications, or distribute data between different applications. One vendor, multiple uses. That's the DataMirror difference.



## The Business Benefits

**Low Impact** – Rather than using triggers or performing queries against the database, Transformation Server uses best-of-breed log-based change data capture (CDC) technology to capture changed data from database logs. This ensures that the performance of even the most demanding mission-critical applications running on the source system aren't adversely impacted.

**Easy to deploy** – Transformation Server's easy-to-use GUI makes it simple to select source and target databases and then configure transformations. The net result: faster implementation, lower cost, and increased return on investment.

**Real-time** – Data changes are captured in the source system as they happen and the changes flow immediately to the target systems. All information is up-to-date and in sync.

**Efficient** – Transformation Server can operate in real-time CDC mode, batch refresh or net-change CDC mode. With CDC, data is processed throughout the day, as the changes occur, rather than during a nightly batch window. This means organizations can eliminate redundant data transfer, free up their batch window for other tasks, and save network bandwidth.

**Flexible** – Customers use Transformation Server to solve many different business problems across a wide range of platforms – from mainframe to mobile. Use it to load a data warehouse, synchronize data between existing systems and Web applications, distribute and consolidate data between different applications, or manage other replication-based requirements. It can be deployed in a variety of architectures, on many different platforms, and between all major databases including DB2, UDB, Microsoft SQL Server, Oracle, Sybase, Teradata, XML and PointBase.

**Scalable** – Transformation Server is a high-performance solution that easily scales to large data volumes without impacting the performance of mission-critical applications running on the source system.

“ Transformation Server allows us to replicate criminal data in real-time into our Criminal Justice Information System, allowing officials across the state to securely track offenders at any point – from arrest to disposition. ”



*Chief Information Officer  
Colorado State Judicial Branch*

## Customer Stories



A **consumer goods manufacturer** stores its manufacturing data and sales figures on two separate ERP systems located in two countries. A nightly

batch job loads the data into a data warehouse for reporting. But as business grows, so, too, does the volume of data. The eight-hour nightly batch window is proving too short. By using Transformation Server to load data into the data warehouse in real time, the manufacturer has the accurate, up-to-date information it needs to make better business decisions, and frees up its batch window for other tasks.

A **commercial mortgage provider** wants to give customers online access to their loan and investment status. It's also looking to develop new Web applications so customers can apply for mortgages, pay their car loans, and conduct Internet-based lending. By using Transformation Server to synchronize data between its existing systems and new Web applications in real time, customers have instant access to information and services over the Internet.

A **global courier company** wants to track customers' billing and package information as accurately as possible. But with only one billing application to track transactions in both North America and Europe, they're finding it increasingly difficult to manage the amount of data. They would like to be able to balance the load of this mission-critical system between separate systems located in North America and Europe, but they need to find a way to make sure critical information is synchronized between the two systems in real-time. By using Transformation Server, they can have separate systems process transactions efficiently in each location and still synchronize critical data in real-time across the Atlantic. In turn, customers get up-to-date information and billing on a global basis.

## [About DataMirror]

DataMirror (TSX: DMC), a leading provider of real-time data integration, protection and Java database solutions, improves the integrity and reliability of information across all of the systems that create and store data. DataMirror's flexible and affordable integration solutions allow customers to easily and continuously detect, translate, and communicate all information changes throughout the enterprise. DataMirror helps customers make better decisions by providing access to the continuous, accurate information they need to take timely action and move forward faster.

Over 2,000 companies have gained tangible competitive advantage from DataMirror software. DataMirror is headquartered in Markham, Canada, and has offices around the globe. For more information, visit [www.datamirror.com](http://www.datamirror.com).

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