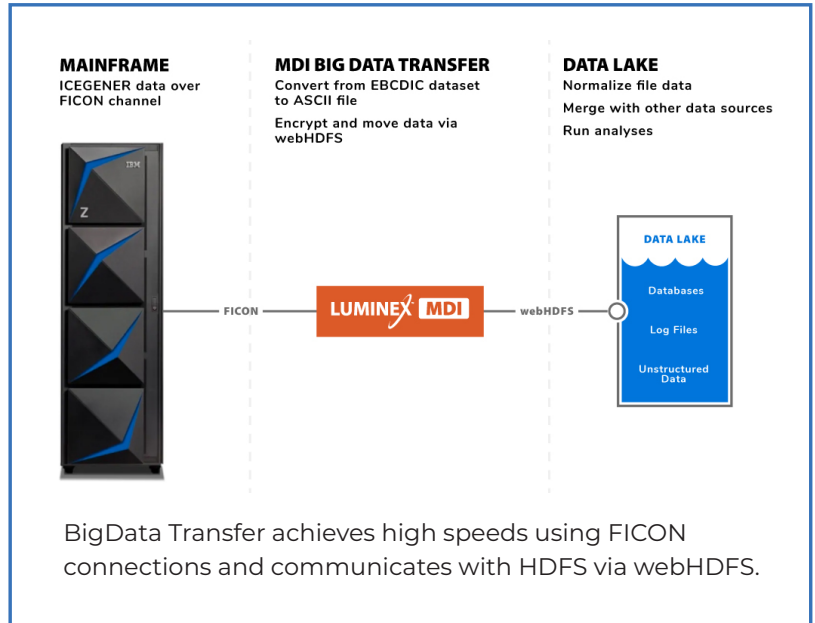


## Powerful Analytics, Better Decision-Making, No Data Silos.

Business analytics tools like Hadoop powerfully transform the decision-making process, but integrating big data from mainframes can be costly, challenging, and impractical. That's because tools for moving mainframe data typically rely on TCP/IP, complicated security processes, and disparate teams.

MDI BigData Transfer simplifies data movement to Hadoop by using the mainframe's secure, high-speed FICON I/O channels instead of TCP/IP based products. The result is more powerful data and better decision making.



### Benefits:

- **Easily feed data to Hadoop & data lakes**
- **Improved security**
  - Reduce or eliminate unsecured TCP/IP ports
  - Encrypt file transfers
  - Integrates with SAF
- **Improved Performance & Reliability**
  - Transfers data off mainframe via FICON
  - Multiple, simultaneous transfers
  - Transfer large files in less time
- **Offload Mainframe CPU Cycles**
  - Encryption
  - EBCDIC to ASCII Conversion
  - TCP/IP Processing
- **Easy Implementation**
  - No digital certificates required on the mainframe
- **Basic JCL Deployment**

### Features:

- **High-Speed FICON Interface**
  - 800MB/s per MDI platform
- **Redundant Data Paths**
- **Supports Apache Hadoop, Microsoft Azure®, AWS®, Google Cloud Platform®, Pentaho®, Cloudera®, and more.**

## Find Answers to New Questions

Unlock previously hidden data when your mainframe is connected to your data analytics tool. BigData Transfer allows you to leverage your most important asset - your data.

## Improve Data Security

TCP/IP ports are well-known intrusion targets for malicious activity and send data as clear text, a clear risk for data security. BigData Transfer uses secure FICON channels instead, acting as a DMZ by connecting to Hadoop over encrypted webHDFS.

## Better Data Access, Reduced MIPS

Data encryption, large file transfers over TCP/IP, and Hadoop-connecting software can drastically increase MIPS - diminishing returns on Big Data projects. MDI BigData Transfer uses the ICEGENER facility and shifts encryption, EBCDIC-to-ASCII conversion, and webHDFS data movement off-host to the MDI Platform. The result is more mainframe processing cycles that are available for repurposing or increasing data availability - for better business intelligence and decision-making.

## Easy Implementation

MDI BigData Transfer's secure connection to Hadoop eliminates the need for complex processes surrounding the installation of digital certificates or setting up FTPS/SFTP jobs. Sending jobs securely is as simple as issuing an ICEGENER with straightforward parameters in JCL.

## Luminex MDI: The platform that moves data up to 22.5x faster.

BigData Transfer uses the Luminex MDI platform, which provides secure and efficient interchange of data between mainframes and distributed systems via FICON channels and off-host processing. It includes a core transport system that enables bi-directional workflows for data sharing, transformation, and movement to Big Data applications, computing grids, low-cost NFS, SAN or object storage.

### More MDI Solutions:

- MDI SLP™ for Data Analytics & Transformation
- MDI SecureTransfer™
- MDI zKconnect™ for Kafka
- MDI Cross-Platform Data Sharing™
- MDI Cloud Data Sharing

