

# BIG DATA TRANSFER TOOL

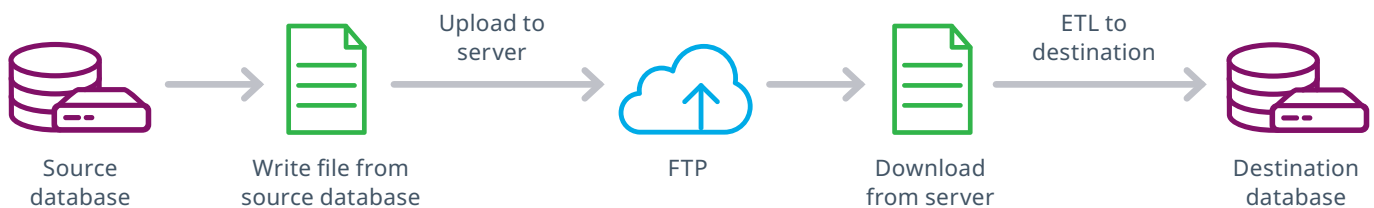
## Secure, intelligent and ultra-fast data transfer experience

Enabled by the IQVIA™ Human Data Science Cloud, the Big Data Transfer Tool allows organizations to stream billions of rows of transactional and reference data ultra-fast by parallel processing multiple data streams.

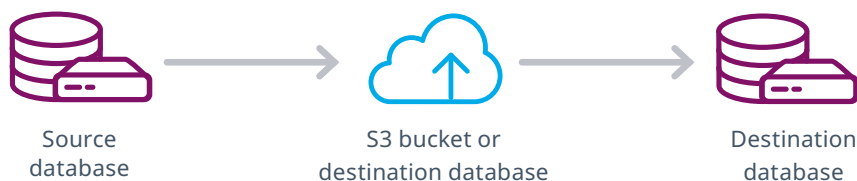
Big data records come in many different formats, requiring inefficient and costly manual programming and synchronization for each and every data transfer. Big Data Transfer Tool is a high-performing, secure, fault-tolerant end-to-end data transmission system that raises the bar on ultra-fast data transfer cross-firewall. Data can be streamed in parquet format, eliminating the need to handle traditional flat files.

- **Faster data provisioning & delivery: From hours over VPN to minutes via Big Data Transfer**
- **Point-to-point cross-firewall transactional data transfer, highly available and secure**
- **Fault-tolerant system maximizes transmission success**

### Using Traditional FTP





### Using IQVIA™ Big Data Transfer








## BENEFITS OF BIG DATA TRANSFER TOOL

The IQVIA Big Data Transfer Tool addresses the specific needs of both transactional and reference data transfer by allowing the cloud to analyze and transfer data much faster than traditional data delivery mechanisms such as FTP, VPN, etc. The tool can publish and subscribe to and from Oracle, SQL Server, SAS, Netezza and all datastores that have a JDBC-compliant driver.

 <p><b>SAVES TIME</b></p>	<ul style="list-style-type: none"> <li>• Fast, high-volume reference data analysis and transfer</li> <li>• Data is streamed directly from source to destination, eliminating the need to land the data in interim destinations</li> <li>• Reduces the reliance on FTP or file compression utilities, such as WinZip</li> <li>• Optimized EDT code for fast data transmission</li> <li>• Decoupled architecture allowing you to subscribe or publish the data, or both</li> </ul>
 <p><b>REDUCES RE-WORK</b></p>	<ul style="list-style-type: none"> <li>• Eliminates the need for ETL workflow processes</li> <li>• Fault tolerance and redundancy allows job to resume at the point of failure instead of restarting</li> <li>• Can write directly to JDBC-compliant destination databases or HDFS architecture, eliminating the need for additional ETL steps on the client end</li> </ul>

## ONE OF THE LARGEST PRIVATE HEALTHCARE DATA CLOUDS IN THE WORLD

IQVIA Human Data Science Cloud hosts, curates and integrates virtually any data to the highest standards from the ever-expanding sources of global healthcare data. The performance of IQVIA Human Data Science Cloud is optimized for speed and quality, combining the science of machine learning and the art of human data curation.

<p><b>FASTER DATA EXTRACTS</b></p>  <p>Specialized Data Engines</p> <hr/> <p><b>60x faster</b> big data extract vs traditional databases</p>	<p><b>FASTER DATA MANAGEMENT</b></p>  <p>Managed Tech Enabled Services</p> <hr/> <p><b>2x faster</b> managed bridging/coding/reference data management using ML vs traditional systems</p>	<p><b>FASTER DATA PROCESSING</b></p>  <p>Big Data Technologies</p> <hr/> <p><b>72x faster</b> processing using distributed massive parallel computing</p> <p>Fully automated schema evolution vs manual</p>	<p><b>FASTER DATA PROVISIONING &amp; DELIVERY</b></p>  <p>Cloud Infrastructure &amp; Tools</p> <hr/> <p><b>10x faster</b> data transfer vs FTP</p> <p>IQVIA data out of the box, no ETL</p>	<p><b>FASTER INSIGHTS</b></p>  <p>ML Tools on Data Lake</p> <hr/> <p><b>100x increase</b> in analysis complexity using multiple data sets available to ML tools</p>
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