

Data Trust Starts at the Source

Eliminate pipeline latency
with unified data engineering

Business impact

- **Reduces development time:**
Cut the manual engineering time required to stage, scrub, and profile complex multi-source datasets.
- **Cuts processing latency:**
Move from static, scheduled database cleaning batch windows to live, sub-second data streaming and automated inline pipeline verification.
- **Complete data readiness:**
Ensure all inbound records hitting cloud warehouses are pre-cleansed, matched, and fully optimized for immediate generative AI ingestion.

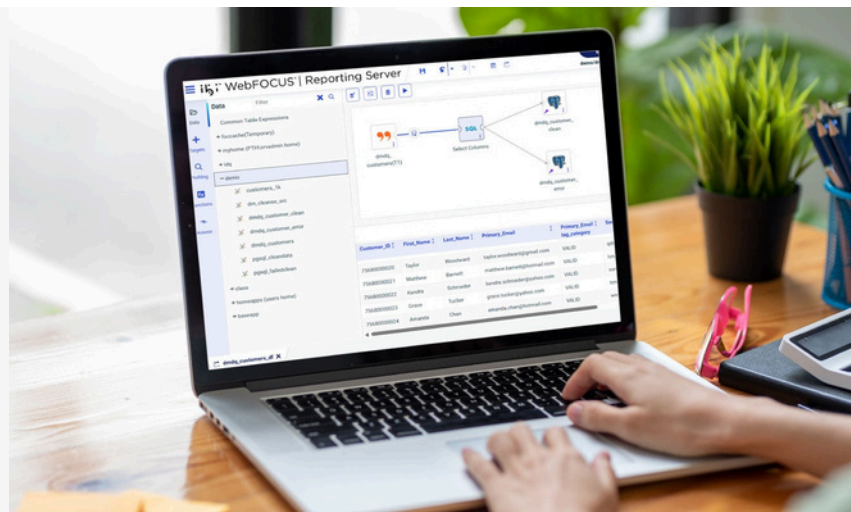
The era of separating data movement from data integrity is over. The ibi WebFOCUS Data & Analytics Platform version 9.3.8 introduces a **completely unified data engineering model** that injects comprehensive data quality validation and profiling routines straight into active ETL processing streams. Additionally, version 9.3.8 introduces an expanded REST API interface across the WebFOCUS Reporting Server ecosystem, allowing data teams to bypass traditional UI dependencies to programmatically query core server data, automate synonym management, and stream clean, governed data directly into downstream analytics, microservices, and third-party cloud platforms. By shifting data cleansing and access from post-hoc administrative chores to automated architectural byproducts, organizations eliminate the manual engineering overhead that stalls business intelligence and corrupts advanced analytics.

The operational challenges

As organizations accelerate their transition to cloud architectures and generative AI, legacy data processing habits expose deep operational vulnerabilities. Modern enterprise data environments face systemic bottlenecks that compromise data integrity, introduce compliance risks, and exhaust developer productivity:

- **Fragmented data cleansing cycles:** Data teams waste significant work cycles manually extracting, staging, and scrubbing datasets across disconnected tools because data profiling is treated as an isolated task rather than an integrated step in data movement.

The latest features in version 9.3.8 allow users to natively embed data quality, verification, and structural profiling directly into live ETL pipelines to fuel trustworthy enterprise AI.



The integrated solution

The release of version 9.3.8 achieves a critical milestone in our commitment to **modernizing the data management lifecycle** by embedding native ibi Data Quality validation directly into ETL data flows.

By unifying structural profiling, data parsing, and address matching straight inside ibi Data Migrator, ibi completely bridges the gap between data **velocity** and data **trust**.

The operational challenges (continued)

- **Compromised analytical integrity:** Pointing advanced reporting engines and generative AI tools at raw, unverified metrics results in severe data-trust gaps and flawed executive dashboard outputs.
- **Unpredicted database schema drift:** Silent structural changes inside physical host databases go undetected, causing active processing pipelines to scramble data layouts or fail mid-execution.
- **High-overhead exception troubleshooting:** Engineering teams lose critical hours tracking down simple processing errors because diagnosing a single pipeline block requires parsing complex standalone code logs or rebuilding entire transformation streams.

Key architectural capabilities

To eliminate structural latency and guarantee data trust at the scale of modern enterprise cloud systems, the ibi WebFOCUS Data & Analytics platform embeds deep data management controls directly into your running runtime core. This unified approach transforms raw data pipelines into self-healing, automated information highways through four foundational mechanisms:

- **Expanded REST API data access:** Modernizes data access across the WebFOCUS Reporting Server ecosystem by allowing developers and data engineers to bypass traditional UI interfaces. Users can directly query core server data, programmatically automate synonym management, and stream pre-cleansed enterprise data straight into web services, downstream analytics, and external cloud platforms.
- **Inline pipeline cleansing:** Natively embeds data validation, address matching, and profiling routines straight inside active ETL process steps. This eliminates high-friction manual cleansing work, saving your data engineering team from playing data janitor.
- **Non-destructive live debugging:** Allows data engineers to instantly enable or disable individual pipeline blocks with a single click during active execution loops. This streamlines testing and lets developers isolate data errors on the fly without rewriting backend code.
- **Automated data flow protections:** Deploys automated system tracking alerts that instantly monitor and protect active ingestion flows if an underlying physical database schema drifts from your active metadata configuration. It prevents broken visual dashboards by locking down execution before bad data moves downstream.
- **Optimized high-speed cloud connectors:** Introduces optimized, native connectivity for Azure Blob storage and modern Google BigQuery JDBC frameworks alongside protocol security upgrades for Microsoft Fabric SQL. This allows data teams to safely ingest cloud-scale data without relying on generic, high-overhead third-party drivers. Version 9.3.8 also introduces significant enhancements to our existing cloud adapters: Microsoft Fabric, Databricks, Snowflake, and Google BigQuery.

Why ibi?

A single foundation for data integrity

ibi provides a unified data and analytics platform that natively connects your heritage mainframe and relational data strength directly to your modern cloud ambitions. While other architectures force developers to manage completely separate vendors for data quality, ETL design, and dashboard reporting — adding massive license complexity and pipeline latency — ibi unifies data trust, data engineering, and AI-infused business intelligence within a single, secure environment. We ensure you eliminate technical debt and modernize on your own terms without sacrificing the depth of your business logic.

Take the next step

Ready to wipe out pipeline latency and build an automated core for your enterprise data science? See how our unified data engineering architecture can transform your organization.

www.ibi.com



Global Headquarters
851 W Cypress Creek Rd.
Fort Lauderdale FL 33309
www.ibi.com

ibi delivers a modern data and analytics software platform that helps organizations harness the power of data to drive informed decision making. Fuel your digital transformation with data management and business intelligence capabilities to support large-scale deployments with embedded analytics and enterprise reporting built for cloud and hybrid environments and backed by deep industry expertise.

©2026 Cloud Software Group, LLC. All rights reserved. Information Builders and the Information Builders logo are trademarks or registered trademarks of Cloud Software Group, Inc. or its subsidiaries in the United States and/or other countries. All other product and company names and marks in this document are the property of their respective owners and mentioned for identification purposes only.

19Aug2026