

Data processing and management

Turn your raw data into actionable insights with a specialist partner who can manage and enhance your business-critical data at global scale

NashTech data processing and management services ensure data accuracy, integrity and compliance through a blend of advanced automation technologies. These include artificial intelligence (AI), machine learning (ML) and robotic process automation (RPA). Combined with expert human oversight, our services and solutions support functions such as master data management, multilingual data audits and AI/ML data preparation.

High-quality, well-managed data is essential for operational efficiency, regulatory compliance and informed

decision-making. Poor data quality can cost businesses up to 35% of their revenue and undermine digital transformation initiatives.

NashTech combines 23 years of global delivery experience, 650+ multilingual specialists and leading-edge technology to help your organisation achieve up to 99.9% data accuracy and 50% cost savings. Our flexible, scalable model supports 28+ languages and delivers measurable business outcomes for enterprises worldwide.

Overcome your data processing and management challenges



Poor data quality

Inconsistent, incomplete or inaccurate data can lead to errors and inefficiencies. Without expert validation and cleansing, these issues persist and scale with business growth.



Scalability bottlenecks

Manual data processing cannot keep pace with growing data volumes or the need for rapid market expansion. This results in delays and can mean missed opportunities.



Compliance and regulatory risks

Manual processes often miss critical compliance (GDPR, EU AI Act) gaps, exposing businesses to fines and reputational damage.



Fragmented data systems

Data stored across multiple, siloed systems creates duplication, inconsistencies and integration headaches. You need to develop a single source of truth for actionable insights.



Lack of specialist talent

Sourcing and retaining skilled data professionals, especially for multilingual or industry-specific requirements, is costly and time-consuming without a specialist partner.

Case study:

Global technology leader powers eCommerce success with scalable AI/ML model training

Industry: Information

This global technology company partners with NashTech to audit and enrich millions of product listings for its eCommerce services in 28 languages. Our team delivers over 99% data accuracy, surpassing the client's 98.5% target. We have also enabled scalable AI/ML model training. This resulted in improved customer trust and fostered significant revenue growth for our client.

- **Hundreds of millions** data points audited and enriched in 28 languages
- **99%** data accuracy rate consistently exceeds client's 98.5% target
- **AI/ML model training** delivered at global scale to drive significant revenue growth

Maintain quality and compliance with our data processing and management services and solutions



Multilingual data auditing and validation

Expert teams validate and enrich data in 28+ languages to ensure global compliance and support international operations across diverse markets.



Human-in-the-loop AI training

Critical data validation and annotation are performed by skilled professionals, ensuring accuracy for AI/ML training and business operations.



Automated data processing (AI, ML, RPA)

Automation accelerates data cleansing, transformation and extract, transform, load (ETL) processes, while reducing manual effort by up to 70% and enabling real-time insights.



Ongoing data governance and monitoring

Robust frameworks and automated monitoring tools flag anomalies and compliance issues in real time, supporting continuous improvement and regulatory adherence.



Master data management (MDM)

Create a single source of truth and eliminate inconsistencies with AI-powered data mapping and human quality checks.

Compliance and insights at global scale

Mitigate the risk and cost of poor data management, meet regulatory mandates and deliver on your digital transformation goals and the need for reliable, actionable insights.

- **Accelerated speed-to-market**
Automation and streamlined workflows reduce processing times by up to 78%, enabling faster product launches and greater business agility.
- **Data-driven productivity and efficiency**
High-quality, unified data empowers better decision-making, reduces rework and increases operational efficiency across the enterprise.
- **Enhanced user and customer experience**
Accurate, up-to-date data supports seamless customer journeys, boosts satisfaction and strengthens brand trust.
- **Balanced innovation and risk mitigation**
Combining advanced technology with human oversight ensures innovation is delivered safely, with robust data governance and compliance.
- **Increased revenue and profitability**
Up to 50% cost savings and improved data quality directly contribute to higher profitability and sustained business growth.

Specific BPM use cases for the dynamic digital economy

Our specific use cases demonstrate our expertise in combining human intelligence with artificial intelligence to optimise processes and drive business value.

- **Intelligent data management.** Combine manual processes with GenAI enhancements to achieve up to 99% data accuracy while reducing operational costs by up to 50% with comprehensive data collection, validation and master data management services.
- **AI-powered customer service.** 24/7 omnichannel support enhanced by AI chatbots and natural language processing.
- **Digital content management and eCommerce support.** Our services include product data validation, image quality assessment and virtual retail experiences AI optimisation.
- **Intelligent process automation for finance and HR.** We deploy GenAI, RPA and machine learning to automate and modernise legacy systems in finance and HR processes.
- **Compliance and risk management.** End-to-end AI auditing and ethical AI certification supporting compliance with regulations like GDPR and the EU AI Act.

Contact us

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