



Hoonartek Migration Factory: MigFac™

Many clients have used Hoonartek to migrate from Informatica and DataStage to Ab Initio. The migrations achieved 100% of their business success criteria & went live on time and to budget



ISO 9001 | ISO 27001 | ISO 22301 | ISO 31000 | IT SOC II Certified

Hoonartek has used MigFac to deliver many mission-critical migrations globally each year. MigFac projects include the migration of a national stock exchange, migration for the world's 2nd largest telco, and migration for the worlds largest credit bureau.

Why Did They Migrate? (This is what clients said...)



Migrated from Informatica to Ab Initio

We explained why we had chosen not move to cloud, but they said we must adopt the cloud version before our on-prem version hits end-of-life. So now we're exploring a way out the jobs run slower with each new release causing backlogs that we can't catch up. Complex migration path to cloud version, expensive licensing for cloud version



Migrated from DataStage to Ab Initio

The processing takes > 20 hours so it's impossible to re-run if we need to recover from a failure. We've funded re-design projects to address performance and of course we increased the hardware, but no real difference. This now business-critical

Each time we are forced to migrate to their latest product version there's massive business disruption for zero business benefit

Ab Initio migration adds demonstrable value in many ways, here are a few examples:



Speed

Ab Initio substantially improves processing speed and throughput, allowing linear and elastic scalability to support growth and expansion without constraints.



Reduced Cost

Whether on-premises or in the cloud, Ab Initio has been measured to save over 75% in cloud compute costs compared to other technologies.



No Lock-in

Ab Initio applications are completely portable, which means you can move them to the cloud, multi-clouds, on-premises, or across any combination of these environments.



Data Governance

Ab Initio provides robust, automated data governance that improves data lineage, simplifies compliance and accelerates data exploration.



Agility

Ab Initio enables rapid deployment of innovations without compromising the stability or dependencies of existing technologies.

Hoonartek and Ab Initio jointly offer a free MigFac PoC. This confirms Critical Success Factors, gives appropriate sizing to achieve your target performance criteria, and confirms migration metrics for a fixed price MigFac service. The PoC gives facts for a low risk choice.

Sample MigFac Migrations from DataStage to Ab Initio

Telecommunications (prepaid revenue accounting). Daily transactions from 400m subscriber base

SUCCESS CRITERIA: DataStage runtime was more than 20 hours and caused business risk. Ab Initio runtime is now under 5 hours for the migrated application. DataStage operations team was 12 FTEs. Ab Initio operations team is 2.5 FTEs.

SOLUTION SCOPE: Regulatory submissions & internal financial reporting. 920 DataStage interfaces migrated. Migration was delivered in 3 months.

Retail Banking (Enterprise Data Warehouse and Data Lake)

SUCCESS CRITERIA: Migration of Enterprise Data Warehouse and data lake from DataStage on-prem to Ab Initio on cloud.

Significant improvements to data governance also required for internal transparency and regulatory compliance.

SOLUTION SCOPE: Migrated all DataStage to Ab Initio. Migrated to cloud. Introduced event driven in-memory solution for realtime customer facing apps. Introduced Data Quality Data Profiling | Lineage | Data Catalog (Technical, Business & Operational)

Sample MigFac Migration from Informatica to Ab Initio

Telecommunications (location recon & operational processing/reporting)

ON-TARGET SUCCESS CRITERIA: Informatica processing took 22-24 hours which would often result in business intervention if SLA not met. After migration to Ab Initio the processing now completes in approx 40 minutes.

SOLUTION SCOPE: Migrated interfaces from >60 sources (internal and external) complex transforms and reconciliations. Reporting.

Sample MigFac Cloud Migration

National Stock Exchange

SUCCESS CRITERIA: Over 600 TB (compressed data) must be migrated from Greenplum on-prem to Snowflake (on AWS) in 6 weeks, including migration of all Informatica jobs and all existing SAP BO reports from on-prem to cloud. Migrated solution successfully live within 6 week deadline, all success criteria met.

TECHNOLOGY: Snowflake Stored Procedures & Tasks, Greenplum, Informatica, SAP BO, Oracle Exadata, AWS Glue, AWS Lambda, AWS managed Apache Airflow, AWS Glacier, AWS S3, AWS EC2

Sample MigFac Heritage Migrations to Ab Initio

Telecommunications (Call Data Records | Fulfilment | Fraud | Regulatory compliance)

SUCCESS CRITERIA: Migrate CDRs and network logs from Legacy systems (Exadata and Tape storage) to Ab>Initio ICFF file based storage and Hadoop. Faster performance e.g. Fraud, improved interoperability, remove reliance on heritage tech for business-critical processes. Migrated solution processes 30 Terabytes Daily Acquisitions each day, supports batch & realtime

TECHNOLOGY: Replacement of heritage solutions on Oracle Exadata and migration of history (tape storage) to Ab>Initio ICFF file (realtime) storage and Hadoop

SOLUTION SCOPE: Data Acquisition, Audit, and Data Fulfilment (Batch and Online), process CDRs and Network Logs. Also migrated 7 Peta Bytes Data History.

Insurance Consumer and Commercial/Business domains

SUCCESS CRITERIA: Faster customer response times. Capacity increased allowing scale to service additional customers (revenue). Cost reduction from mainframe opex to Ab Initio on commodity platforms. Removed the business-critical reliance on scarce ADABAS resources.

TECHNOLOGY: Legacy bureau solution based on Mainframe and ADABAS was modernised into Ab Initio

SOLUTION SCOPE: Data Acquisition, Fuzzy Matching, Data Fulfilment (batch and online webservices)



US: New Jersey | UK & Europe: London

Malaysia: Kuala Lumpur | Argentina: Buenos Aeries

South Africa: Johannesburg

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Hoonartek is the world's leading data solutions company. Founded in 2010, we've helped more than 200 enterprises successfully leverage data and insights to drive transformation, create innovative business models, and generate new monetisation avenues. Hoonartek's three offerings – data products and monetisation, digital banking and lending, and digital engineering – make Hoonartek a partner of choice for businesses in BFSI, Telecom, ISVs, Healthcare and Manufacturing. With headquarters in Pune, India, we are present in the US, UK and Europe. We proudly serve Korn Ferry, ASI, L&T, Experian, NSE, IDFC, and Airtel to name a few.

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