

Modernise Manage Monetise

agile  
solutions



# Modernising to the cloud

**Daunted by cloud modernisation?** Start getting excited about your migration from Informatica's PowerCenter to the Intelligent Data Management Cloud with Agile Solutions' step-by-step guide

**More flexibility, greater control, increased scalability – by now, the benefits of migrating to a cloud-native platform are well understood.**

**Yet the reality of making the move from an on-premise platform that's deeply embedded into your organisation isn't without its considerations. How long will it take to see a return on your investment? Is it going to cause unnecessary disruption? Will you lose existing integrations? Are there risks to your business?**

If you're considering moving to the cloud, but have question marks over the process, potential hazards, its impact and ROI, Agile Solutions have the answers. In this guide, we explain the cloud modernisation migration process from PowerCenter to Informatica's Intelligent Data Management Cloud (IDMC) – from building a business case to the accelerators we use to speed up the process – to give you a deeper understanding of how you can modernise to the cloud safely and swiftly.



**According to a study by Nucleus Research, organisations that migrate to Informatica's IDMC can experience 328% average ROI over a three-year period, with an estimated payback period of 4.2 months. Many also reduced the time spent on platform maintenance by 50%, with accelerated KPI development of approximately 90%.**

# Building a business case for migration

There are a whole host of reasons to migrate to the cloud, but to secure buy-in from your organisation, **you need to build a business case that's specific to your enterprise – as well as a clear roadmap of how long it will take and how much it will cost.** We build this into the early phase of our cloud modernisation projects, creating a business case informed by our initial code analysis that gives you clear insight into your specific benefits, and costs, of migration.

## Some of the more generic reasons to migrate to the cloud include:

- Databases no longer supported. Some projects that have been supported by PowerCenter in the past are now moving to cloud-native systems. If historic on-premise databases are no longer supported and need to be migrated, it can make sense to move related integrations to the cloud as well.
- Data initiatives are being held back. Cloud Modernisation can allow you to leverage SaaS platforms like Snowflake, Salesforce, Workday and others more seamlessly, rather than adding them as a 'bolt-on' to on-premise integrations – enabling you to explore more data-driven initiatives.

## Securing ROI

**An effective cloud migration to Informatica's cloud native environment can result in a fast return on your investment – if the process runs smoothly. By working with Agile Solutions, you'll benefit from working with a Platinum Enterprise level Informatica partner, with 18 years of experience and expertise in Informatica tools and systems. We'll help you to extract the full value of your migration from the beginning, with tools and accelerators designed to comprehensively test every stage and ultimately expedite your journey to cloud modernisation.**

# What extra features will I benefit from in IDMC?

**IDMC delivers all the key data integration capabilities that are part of PowerCenter. IDMC helps organisations deliver on their digital-first initiatives and build a competitive edge with these critical attributes:**

**Gain elastic scale to meet accelerating business demands:** IDMC is microservices-based and API-driven, scaling all enterprise workloads with elastic and serverless processing to further the democratisation of data and empower business users with data-led insights.

**Accelerate time to insights with AI-powered, metadata-driven intelligence:** Informatica's AI-powered metadata engine, CLAIRE™, is the core of IDMC and enables customers with AI and ML capabilities to derive insights from troves of data in minutes instead of months.

**Access and share data on any cloud or platform:** IDMC runs all workloads at enterprise-scale in the cloud and processes over 22 trillion transactions each month, empowering organisations to connect, access, consume and govern data wherever it flows – the cloud, cloud-to-on-premises environments, or on-premises-to-on-premises environments.

**Connect and automate data with low-code, no-code cloud data management:** IDMC maximises agility and collaboration with a low-code or no-code experience, allowing you to respond to dynamic business requirements and changes in real time, without the overhead of developing and maintaining code.

**Protect and consume data securely:** IDMC offers some of the highest industry data security standards and governance to define and enforce regulatory and privacy policies that ensure appropriate teams can quickly access and understand data and other artifacts such as AI models and pipelines.

**Freedom to choose any cloud services at any time:** Informatica's new pricing model, Informatica Processing Unit (IPU), lets you consume services across IDMC based on the amount of capacity you need at any time for any service and from any source as your requirements change.

# The Agile Solutions Approach

**As the Informatica UK Migration partner of choice, Agile Solutions are enabled and trained to leverage Informatica’s Migration Factory tool – as well as our own accelerators, developed throughout 18 years of previous client engagements – that enhance the migration process, bringing more speed and reliability to your migration. We automate as much of the process as possible, both code migration and testing, to ensure reliable, consistent, streamlined and fast results - delivering the best possible time-to-value for your organisation.**



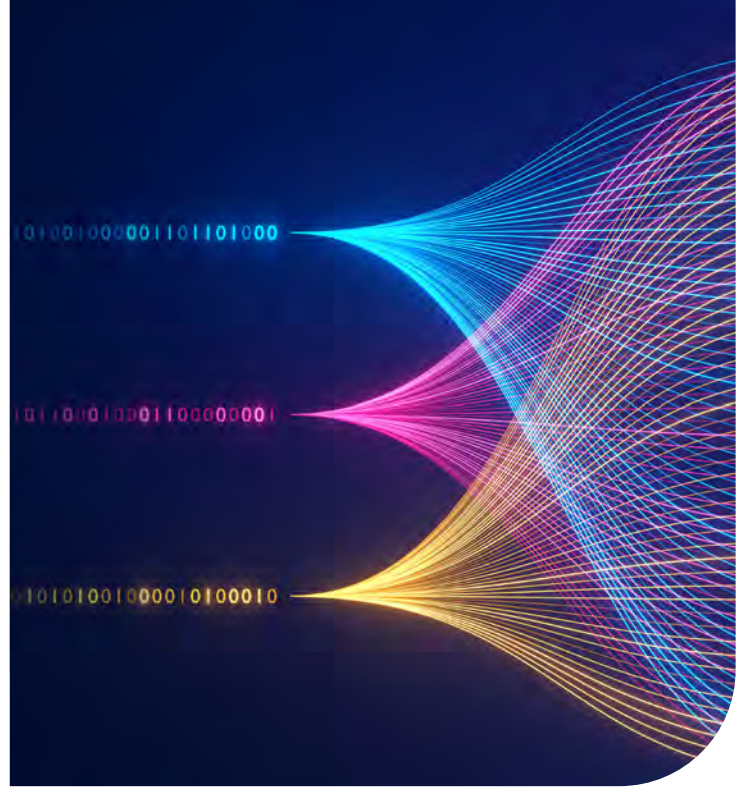
## Assessment

Our initial code analysis will assess the complexity of your migration at the start of the project, enabling us to give you a more accurate cost and timeline for migration. This will help to define your objectives for cloud migration and understand the full process needed to migrate your data successfully, as well as gaining a detailed understanding of your existing architecture.

To do this, we utilise Informatica’s Migration tool, exclusively available to Agile Solutions. This tool takes your entire PowerCenter codebase and automatically generates an equivalent for IDMC wherever possible.

Working with:





## 2

### Convert and Test

Once your PowerCenter code has been mapped to Agile's migration planner, we begin the migration. Fully converted code is immediately rehosted, partially converted code is completed and any remaining unconverted code is rebuilt manually before migration. This combination of automated and manual processes means that we can deliver both speed and attention to detail.

Our automated in-house testing framework can then be deployed to bring a repeatable method of unit, integration and regression testing. This unique 'test harness', developed through extensive Informatica experience by Agile Solutions, allows us to analyse code performance in a staging environment that replicates your cloud system, effectively measuring to see if code behaves the way it should once in situ. This regression framework continues to run to make sure that no code is 'broken' downstream, while a dashboard provides a visual representation of conversion progress and results to date. Once code is approved at this stage, it moves on to Production.

## 3

### Production

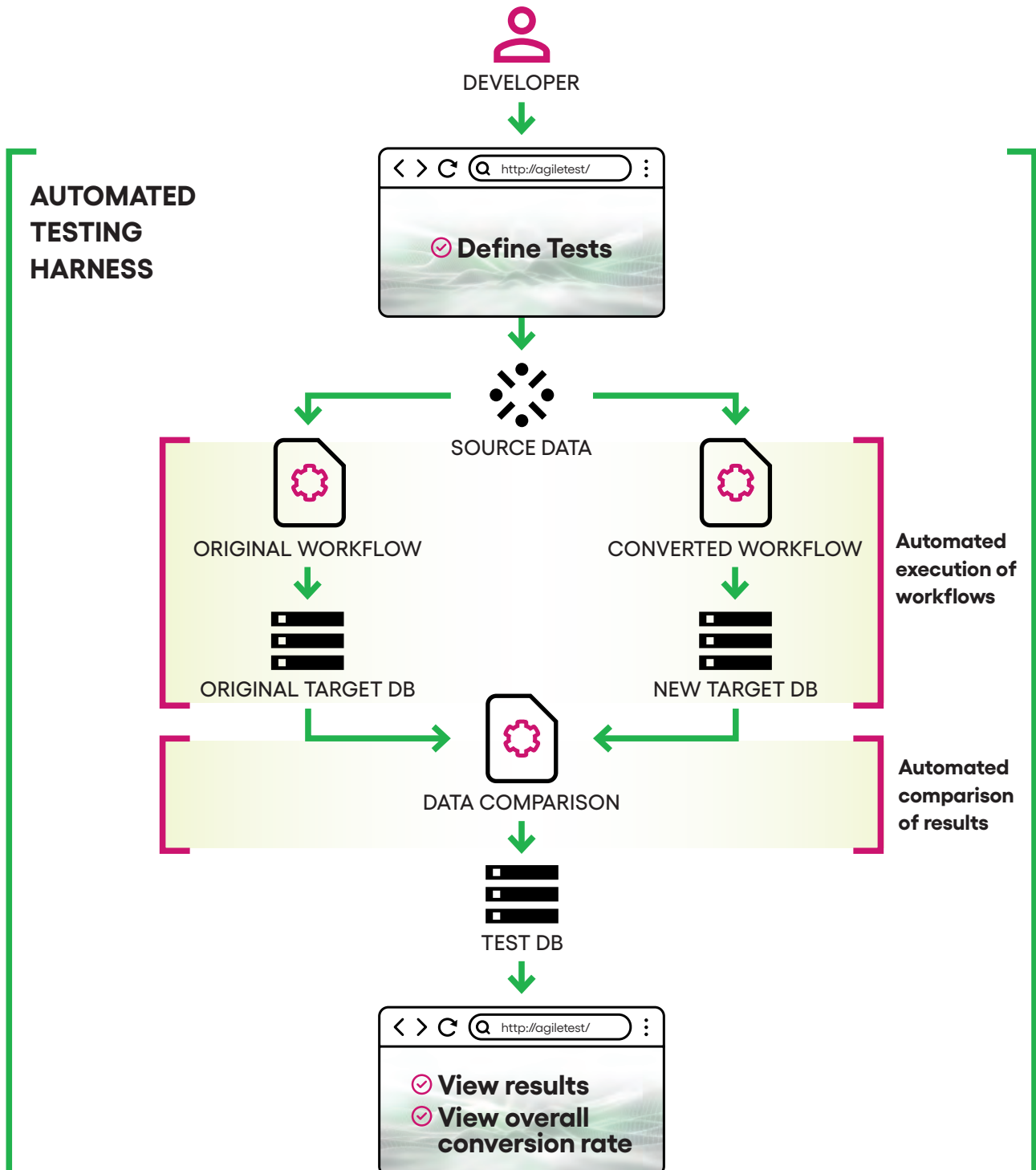
Once converted and tested, code moves on to production – live on the cloud. Our approach allows you to either deploy your cloud migration in one 'big bang' – a fully completed migration – or in shippable increments after each sprint, focussing on priority, business-critical data before repeating the process across the rest.



### Optional optimisation

Agile Solutions also offer the capability to optimise your code in IDMC. Following our well-established best practices and years of experience, we will analyse your code based on performance and reusability. We will recommend and can implement changes to maximise your efficiency. IDMC offers significantly more code reusability than available in PowerCenter: taking advantage of this can reduce maintenance overheads, reduce future development times/costs and ensure greater consistency in your workstreams.

# Agile Solutions' unique convert and test process



Agile Solutions' unique 'test harness', developed through extensive Informatica experience, allows us to analyse code performance in a secure staging environment that replicates your cloud system. It can be deployed to bring a repeatable method of testing, ensuring that code behaves the way it should once in situ.



## MIGRATION FACTORY **CASE STUDY:**

# How one blue-chip software saved time and costs on their cloud modernisation

### The goal

A global blue-chip software company wanted to modernise to the cloud, migrating from an existing on-premise data warehouse to a scalable, cloud-based data warehouse that could ingest more data and grow in line with accelerating data demand.

### The challenge

Having amassed vast volumes of data over the years, they needed to consider how they would migrate quickly with minimal impact to their data and their business. They needed full clarity of how long migration would take and its cost to the enterprise.

### The solution

The company decided to migrate its PowerCenter data integration and management to IDMC, using the Migration Factory approach. By analysing their PowerCenter repositories, Migration Factory could accurately identify mappings, sessions and workflows to be converted, delivering a cost-effective, transparent and fast conversion from PowerCenter to IDMC.

### The result

Migration Factory successfully migrated 99% of PowerCenter mappings, with only 1% left to rewrite manually. Re-using the majority of mappings enabled a 70% reduction in the expected conversion timeline, while achieving 70% cost savings for code migration.

➤ **70% faster migration time**

➤ **99% mappings converted automatically**

➤ **40% cost savings**

## FAQS:

# Migrating from PowerCenter to IDMC

**Are you weighing up whether you're ready to migrate from PowerCenter to the cloud?** Here, the Agile Solutions team answer some of the most common questions we receive about the cloud modernisation process to help you make your decision. If you have any further considerations, we're here to help – and when you're ready to get started, we're best placed to help you achieve the full advantages of modernisation.



**What are the advantages of fast-tracking modernisation to the cloud?**



Built on a scalable, microservices architecture that simplifies and accelerates deployment, IDMC offers a modern user experience that makes extensive use of AI and data analytics to automate and scale all data management activities. With IDMC, you will find all the functionality of your PowerCenter platform – and much more.



**Will the migration process cause any disruption to my team?**



Our expert team is here to guide you and ensure that you adhere to migration best practices every step of the way. As we work at the back end, there should be no disruption or gap in services at the front end. PowerCenter will stay up and running until you're ready to fully transition.



**There's a complex ecosystem built around my PowerCenter integrations. I don't want to lose them and have to start from scratch. What can I do?**



Agile Solutions approach detailed in this document ensures that you won't need to abandon your PowerCenter assets, processes or institutional knowledge when you move to the cloud. Once your integrations have been mapped through the Migration Factory, set up in IDMC, and optimised, tested and approved, we begin the gradual transition to ensure a completely smooth cloud modernisation experience.

**“With IDMC, you will find all the functionality of your PowerCenter platform – and much more”**



## The Agile Solutions and Informatica Partnership

Agile Solutions is uniquely placed in the Data Management space to maximise the value of our clients' cloud migrations. Our long history with Informatica enables us to bring vast amounts of learning and expertise to our customers to support the move from PowerCenter to Informatica's Intelligent Data Management Cloud (IDMC). Our methodology has been built from over 25 PowerCenter installations and upgrades, combined with our more recent experience of modernising on-premise data platforms by migrating them to IDMC. Our 18-year relationship with Informatica has resulted in us achieving their highest level of accreditation, becoming an Informatica Platinum Enterprise Partner in 2021.



# Start your migration journey today

Modernising to the cloud doesn't need to be lengthy, disruptive or filled with uncertainty. By partnering with Agile Solutions, you can benefit from working with Informatica's preferred UK migration partner to accelerate your migration and drive your enterprise into a flexible, scalable cloud-based future.

Now is the time to modernise your data platforms, decreasing operating costs, reducing maintenance expenses and enjoying top-of-the-line cloud capabilities like automation, intelligent insight and full scalability.



Ready to get started? **Contact us to discuss Agile Solutions' Migration Factory Solution and modernise your business to the cloud.**

**Speak to our team for advice and insight into your migration.**

GET IN TOUCH

agile  
solutions