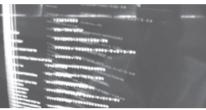# ORACLE DATABASE MIGRATION SERVICES
FOR LINUX

COMPREHENSIVE DATABASE MIGRATION SOLUTIONS

Many users are seeking to migrate stand-alone Oracle databases, or those used by a packaged application such as SAP or PeopleSoft, from non-IBM Windows and UNIX to Linux but are facing a number of challenges surrounding the use of "traditional" methods to migrate their data versus the time they have available to do it.

The AMS Migration Factory has developed a suite of comprehensive solutions for Oracle users that address the fundamental issues associated with reliably migrating databases to IBM AIX or Linux with limited or no downtime. The option to simultaneously upgrade from one version of Oracle to another, or convert to DB2, is also available.

The solutions leverage years of experience in planning and identifying the issues of Oracle database migration. The AMS Migration Factory's unique methodologies and industry-leading solutions, combined with best-of-breed tools and low-cost resources can efficiently migrate Oracle databases across disparate platforms.

PLANNING FOR SUCCESS
Every Oracle database migration is unique, and it is imperative to acquire the appropriate information required to effectively size and plan a successful migration. This is greatly assisted by the use of tools that interrogate your databases to extract the necessary information, thus saving time and helping ensure consistent and accurate data. Some of the considerations in Oracle migrations include:
- Oracle versions (like-to-like migration or potential upgrades)
- Quantity and size of databases
- Associated applications or packages
- Customer change windows, user requirements
- Available servers and storage during a conversion for temporary storage and testing
- Use of storage management software
- Network considerations
- Customer policies

BUSINESS DRIVERS
The speed at which data can be accessed and the rate at which it grows are key factors in today's world. If either speed or growth is limited, it can severely impact business growth.
- Maximize the value of Oracle software licenses by using dedicated hardware as database servers
- Attain more processing power at a reduced cost
- Leverage new database features like grid support, column level security or ultra large database support
- Save by consolidating existing servers and replacing them with fewer, more powerful ones

VALUE PROPOSITION
- Proven solutions for situations with minimal or no down-time available for migration to reduce disruption to your business
- Robust methodologies minimize risk and help ensure that data integrity remains uncompromised
- Faster migration than using traditional Oracle export/import tools eliminates the need for customer tool evaluation, training and licensing costs
- The ability to jump-start migration projects and provide immediate return on investment by utilizing new servers
- Option to use low-cost global resources which can achieve further cost savings
- Professional and efficient planning and implementation by experienced personnel
- Can be combined with other AMS Migration Factory complementary services for end-to-end application migration and server consolidation

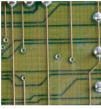## ORACLE DATABASE MIGRATION SERVICES

Services include:

- A migration planning session to discuss the current database environment.

- The validated creation of the physical and logical objects (tablespaces, tables, indexes, constraints, triggers, stored procedures, sequences, user, grants user privileges etc) for the target database(s)

- The validated migration of table rows between the source and target database(s)

- Basic skills instruction for a limited number of personnel on the migration tasks performed by AMS during these services

NEED HELP MIGRATING TO IBM?

THE IBM MIGRATION FACTORY HELPS ANSWER KEY QUESTIONS
- "Can it be done?"
- "How is it done?"
- "What will it cost?"
- "How long will it take?"
- "What are the risks?"

WHAT DOES THE MIGRATION FACTORY OFFER?
We've been doing one thing for 20 years — migration. The Migration Factory uses proven methodologies that are designed to be cost-effective and help mitigate risk.

Capabilities include:
- Accurate sizing and costing of a migration
- The expertise necessary to control the risk associated with application migration
- Cost-effective application migration
- Migrations for custom-coded applications as well as select packaged applications and databases
- System and application upgrades to newer platforms
- Significant knowledge, expertise and experience in moving applications and associated databases from Solaris, HP-UX, Tru64 UNIX and Linux to IBM platforms
- Application-centric server consolidation

HOW DO YOU GET STARTED?

Contact the Migration Factory
- 1-866-MIGR8TE (toll-free in the US)
- migr8te@us.ibm.com
- IBM Sales Team or Business Partner

HOW WILL MIGRATION HELP YOUR BUSINESS?
Leverage more powerful and supported technology Current platform may have limited or discontinued vendor support.

Retain investment
You've invested a great deal of time and resources in existing applications.

Reduce cost of ownership
There are potential cost savings from replacing hardware, consolidating servers and using available skilled resources

Access to larger pool of skilled technical resources
The available pool of resources declines over time for older technologies

CORE CAPABILITIES

UNIX
- IBM® AIX
- Linux
- Sun Solaris
- HP HP-UX
- HP Tru64
- DG DG-UX
- Sequent® DYNIX/ptx
- SGI IRIX
- SCO
- NCR
- AT&T
- 32-bit to 64-bit enhancement

Package applications
- SAP
- PeopleSoft
- Oracle E-Business Suite

Database migration
- DB2®
- Informix
- Oracle
- Sybase
- SQL Server

Other
- OS/390
- Microsoft® Windows, NT and XP
- NUMA-Q
- Unisys
- Tandem
- Stratus
- HP 3000
- OpenVMS