

**Moving data when and where  
you need to—on *your* terms.**

*Providing integrated solutions designed to move  
data without impacting operations while reducing  
costs and minimizing risk*



# faster, cheaper, *better*...



These words have become a mantra for today's rapid-fire business world. Expectations are high and always changing. Data growth is reaching critical mass, requiring IT organizations to continually meet new service levels and regulatory compliance mandates. IT must keep pace with the business, reacting rapidly to marketplace opportunities and competition that result in unpredictable IT workloads and new projects that require consolidated or repurposed data. And IT is expected to accomplish all of the above without IT service outages or application system downtime.

To truly support the IT needs of your dynamic business, you need the ability to move data with ease—whether you are migrating, replicating, mirroring or copying. This requires taking a close look at the storage infrastructure that supports your business to determine how to reduce complexity and risk. With help from IBM, your organization can make the move from performing sporadic data migrations to achieving a repeatable and standardized *data mobility infrastructure*.

## **Data migration, copying, replication and protection + flexibility = data mobility**

To achieve data mobility, you need the freedom to move data easily—regardless of how and why it is moved. Whether you need to move data for storage consolidation or optimization, perform nondisruptive backups, replicate data for disaster recovery/business continuity or create remote archives for data protection, you need the flexibility to perform all of these activities with minimal disruption.

If you use a variety of tools to move data, you may also have to deal with each tool's set of costs, issues, training and maintenance requirements. That's why IBM offers data mobility products and services to help support today's heterogeneous environments and multivendor storage and computing platforms.





True data mobility means the ability to:

- Support the continuous movement of data, regardless of server, operating system or storage vendor
- Minimize planned and unplanned application downtime during data movement
- Reduce the risk and complexity associated with moving data
- Use existing hardware to help simplify data movement in a heterogeneous environment
- Enhance visibility and control across all types of data to provide accessibility, availability and rapid reuse of data for virtually all IT projects.

### **Enrich your data mobility infrastructure with IBM integrated services and products**

IBM knows data mobility. By combining more than 30 years of experience enabling and supporting heterogeneous data migration projects with Softek™ software, IBM Data Mobility Services can offer the industry-leading tools, methodologies and skills needed to meet your unique

project goals. Furthermore, IBM Data Mobility Services is available in the form of a software license for use by your own IT staff, as a project engagement service or as an element of a managed service agreement.

#### **Integrated services**

IBM provides a wide range of consulting services across the entire data mobility lifecycle. Discovery, assessment and design, planning, implementation and validation services are available for all of your data migration projects—from simple to complex—and they all utilize the Softek family of data mobility products.

#### **Comprehensive service product portfolio**

- **IBM Data Mobility Services – Softek TDMF™** is designed to move data between multivendor storage arrays without application outages. Softek TDMF (Transparent Data Migration Facility) is host-based software that helps enable local or long-distance data migration at the volume level and supports IBM z/OS®, Microsoft® Windows®, UNIX® and Linux® environments.

- **IBM Data Mobility Services – Softek LDMF for z/OS** can provide the ability to migrate datasets nondisruptively in your mainframe environment across major hardware vendors and between different disk volumes. Softek LDMF™ (Logical Data Migration Facility) software can group datasets for easy management of large migrations, support volume conversions, reclaim unit control blocks (UCBs) and streamline the premigration process.

Together, Softek TDMF and Softek LDMF can provide you with enhanced flexibility in z/OS environments by moving data nondisruptively online at either the volume or dataset level.

- **IBM Data Mobility Services – Softek Data Mobility Console for z/OS (DMCzOS)** offers the assessment, planning, activation and validation capabilities needed to help automate and streamline data migration, and is designed to support the IBM z/OS mainframe environment.



In addition to these services and products, you may also consider the following capabilities:

- **Softek Replicator software** is host-based asynchronous replication software for the Microsoft Windows and UNIX environments and can enable local and distance data protection.
- **Hardware-assisted data migration services from IBM** can simplify data migration in open systems and mainframe environments. These services can also help accelerate data migration to IBM storage systems including the IBM System Storage™ DS8000™, IBM System Storage DS6000™ and IBM System Storage DS4000™ technologies.
- **IBM System Storage SAN Volume Controller (SVC)** is a disk storage virtualization system designed to help reduce storage costs and improve efficiency. By pooling storage, SVC can help increase flexibility, improve productivity, reduce downtime and implement tiered storage. Softek TDMF software complements SVC by allowing data movement between SVC and non-SVC environments.

### Change your data mobility approach to reap benefits

By integrating proven best practices from IBM with Softek data mobility technology and tools, IBM can help you:

- Simplify data movement across heterogeneous environments and processes
- Achieve greater visibility and control across all data by using an integrated set of tools and services
- Centralize management in a multivendor environment
- Move data in a way that helps alleviate your key data and information management challenges
- Save money by using your existing hardware infrastructure
- Leverage more than 30 years of experience in data migration, storage and data management, now combined with one of the most complete and unified data mobility portfolios available today.

### For more information

To learn more about the IBM Data Mobility Services portfolio, contact your IBM representative or IBM Business Partner, or visit:

**[ibm.com/services/storage](http://ibm.com/services/storage)**

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