IDMS - Infosys Data Masking Solution

Databases play a central role in the functioning of today's organizations. Data is used for regulatory compliance, as well as selling to your customer - both requiring myriad details about the customer, some of which might be sensitive in nature. Transactional requirements often call for data sharing outside an organization; in such situations, the Financial Services Firm is often bound by customer agreements and various regulations like HIPAA and Gramm-Leach-Bliley act, to protect customer data. Information sharing is restricted based on the governing laws applicable in the country of origination for the data.

The Infosys Data Masking Solution (IDMS) helps you encrypt your customer data so that it can be transmitted securely and in a manner that is foolproof.

**Infosys Data Masking Solution**

In situations where it is imperative for an Organization to share sensitive customer data with an external entity, the Infosys Data Masking Solution (IDMS) provides just the answer to controlled information sharing.

IDMS is a versatile data masking solution that can mask data from numerous data sources such as:
- ASCII files
- VSAM files (EBCDIC Encoded)
- Databases

The masked data will be stored in a target repository which could be also be a similar file (i.e. ASCII, VSAM or database)

**Features**
- User Friendly configuration tool
- Facility to build and edit relationships.
- Referential Integrity maintained in Target repository
- Fault Tolerant workflow - supports restart of a previously suspended batch.
- Supports Horizontal partitioning of data through Data Filters
- Extensible and resilient application architecture.
- Low memory footprint
- Scripting facility to design custom rules by combining various other rules
- Supports EBCDIC character set.

**Business Values**
- Enables controlled data sharing
- Facilitates Regulatory Compliances
  - GLBA/HIPAA/SOX
  - PIPEDA/Provincial privacy laws
  - Data Protection Act (DPA)
- Alleviates security concern around when moving production data offshore
- Masks data without compromising on data associations and referential integrity.
- Maintains transparency in its internal repository. Configuration data is stored on the file system.
Allied Services

Technology Consulting
We work with you to develop and deploy architecture and technology solutions that help you leverage technology to enable business strategy. Our solutions help you make your IT more effective and better aligned to business.

Application Development
We help you develop turnkey solutions with a faster time to market and a lower Total Cost of Ownership. Our services range from building a business case to assessing your application portfolio to designing solutions to building and implementing the solutions.

Application Integration
Make the whole of your IT applications much greater than the sum of its parts. See immediate and dramatic productivity growth. Infosys leverages Global Delivery Model (GDM) for you like no one else can.

Infrastructure Management
Our range of services is geared to keep your operations running smoothly and reduce costs. Services include infrastructure planning, auditing, data center and application management and help-desk services.

IDMS Screen shots

IDMS Application

Databases Supported: The current release of IDMS supports Oracle (9i & 10g), MSSQL Server (7.0/2000), Sybase (11&12) and DB2 (UDB 9).

Supported Algorithms

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About Infosys

Many of the world’s most successful organizations rely on Infosys to deliver measurable business value. Infosys provides business consulting, technology, engineering and outsourcing services to help clients in over 30 countries build tomorrow’s enterprise.

For more information about Infosys (NASDAQ: INFY), visit www.infosys.com.