

# RDBMS HIPAA Compliant MMIS Solutions

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# Introduction

- All major MMIS vendors now offer new MMIS systems using Relational Data Base Management System (RDBMS) technology
- In the last year, MMIS competition has significantly increased and prices have significantly declined
- A dozen states now have operational RDBMS MMIS systems; another 14 states are developing RDBMS MMIS systems—this technology has become the norm, not the exception

# Agenda

- What is an RDBMS?
- MMIS Market Drivers
- Impact of Changing Market on the MMIS
- Creating the New MMIS
- Benefits of an RDBMS to the New MMIS

# What is an RDBMS?

RDBMS – A system designed to facilitate the maintenance and modification of program data independent from the supporting business application(s) that supports:

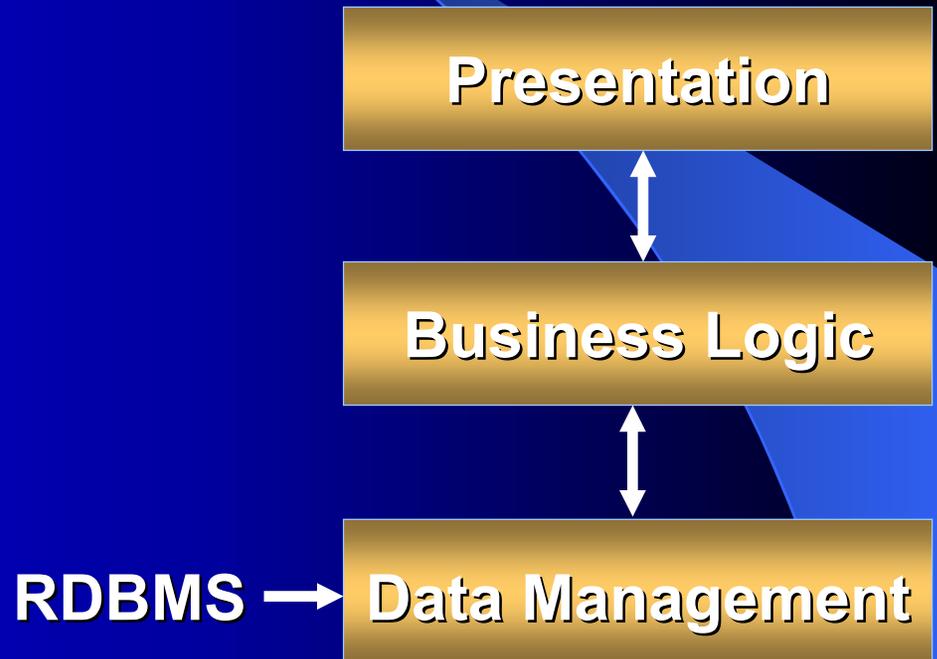
- Definition of data and relationships in a simple tabular model
- Data integrity
- Data security
- Powerful data access capabilities

# Application Architecture

## Legacy Architecture



## n-Tier Architecture



# Market Drivers

- **Business drivers**
  - Enhanced Flexibility
  - HIPAA
  - Multi-Program Support
  - Multiple Delivery Models
  - Cost Containment
- **Functional drivers**
  - Enhanced “usability” features
  - Online interactive processing
  - Multi-channel interaction
- **Technology drivers**
  - Standards promote “Enterprise – Wide” solutions
  - Integration and interoperability

Impact on the MMIS

**A new Tool is needed !!!!**

# Creating the New MMIS

- Avoid reinventing what you already have
- Evaluate and Challenge existing business practices
- Create data and process models to reflect the new target
- Select appropriate technology to meet defined business needs

# Benefits of an RDBMS

- Data integrity
- Data security
- Data access
- Code simplification
- Improved maintenance efficiency
- Improved failover capabilities
- Enhanced data management capabilities
- Ability to manage non-traditional data objects