Section 2–INT2TECHARCH

BI Architecture – Technical Layers and Software Solutions
IBM BI Framework

- SQL
- XML
- PMML
- OLAP
- Mining
- Statistics
- ETL
- Administration
- DB2
- Information Integration
## IBM DB2 Warehouse Edition

### Access
- Web Browser
- Portal
- Devices
- Web Services

### Business Applications
- Collaboration
- Query & Reporting
  - Office Connect
- Data Mining
  - Int. Miner
- Modeling
  - Int. Miner
- Scorecard
- Visualization
  - Int. Miner
- Embedded Analytics
  - IM Scoring, Cube Views

### Analytics
- Operational Data Stores
  - DB2 ESE
- Data Warehouses
  - DB2 ESE, DPF
- Data Marts
  - DB2 ESE
  - Cube Views

### Data Repositories
- Staging Areas
- Metadata
  - Information Catalog

### Data Integration
- Extraction
  - DB2 Whouse Manager, DB2 II
- Transformation
  - DB2 Whouse Manager, DB2 II
- Load / Apply
  - DB2 Warehouse Manager
- Synchronization
- Transport / Messaging
- Information Integrity

### Data Sources
- Enterprise
- Unstructured
- Informational
- External

**Systems Management & Administration** – DB2 Query Patroller

**Hardware & Software Platforms** – p-Series, xSeries, Linux, UNIX, Windows, SAN

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