



Data Warehousing and DWaaS

FOR RECORDS MANAGEMENT

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Introduction

- Who am I?
 - Howard Vogel – CEO Vogelsport Consulting
- Formerly from Sesame Software
 - Discussed Data Warehousing and DWaaS
- What to expect from today's session



Agenda:

- What exactly is a Data Warehouse?
- The Evolution of Data Warehousing
- Problems with Conventional Data Warehouses
- The New Solutions
- The Risks
- How to choose what you need?
- How this affects Records Management
- Q&A & Test



What is a Data Warehouse?

- A Data Warehouse is...
 - Dedicated storage
 - Analyzation of data
 - Trends, patterns, correlations, etc....
 - Integration of data from multiple applications
- Used by every Business Unit
 - Single source of the truth
 - Or, at least it's supposed to be



“What if we don’t change at all ...
and something magical just happens?”

The Evolution of Data Warehousing

- 80's
 - Relational Databases
- 90's
 - Data Warehouse Appliances
- 00's
 - Data Warehouse Platform and Services
- 10's
 - DWaaS



Problems with Conventional Data Warehouses

- Data sources are increasing and more varied
- Competition for data from users
- The cost of IT to manage the mess
- Security doesn't scale
- Disaster recovery sometimes non-existent
- Dark data

The New Solutions

- DWaaS
 - Easier to use
 - Less staff needed
 - Hybrid capable
 - Less costly
 - Buy only what you need
 - CapEx vs OpEx
 - Allows for faster innovation by vendor
 - Upgrades are easier and more frequent
- Deferred responsibility
 - You: Information, application
 - Them: Middleware, OS, Platform, Infrastructure



The Risks

- Data
 - Ownership
 - Format in which records are transferred, created or stored
 - Readability and usability of records
 - Can records be recovered
 - Impact of corrupted records
- Metadata required to identify and retrieve your records
- Impact of altered records



How to choose what you need?

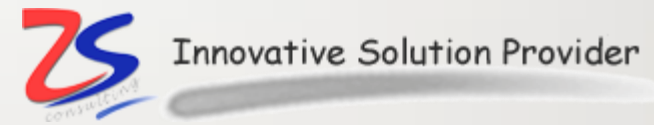
- Identification
- Selection
- Integration
- Operation and Maintenance
- Divestment




How this affects Records Management

- What problems are you facing today?
 - Ex: Data duplication or misspelling when using multiple databases from different geographic locations

Partners





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