

Architecting Data Systems for Compliance

How Database Professionals can
Support Their Company's Compliance
Efforts

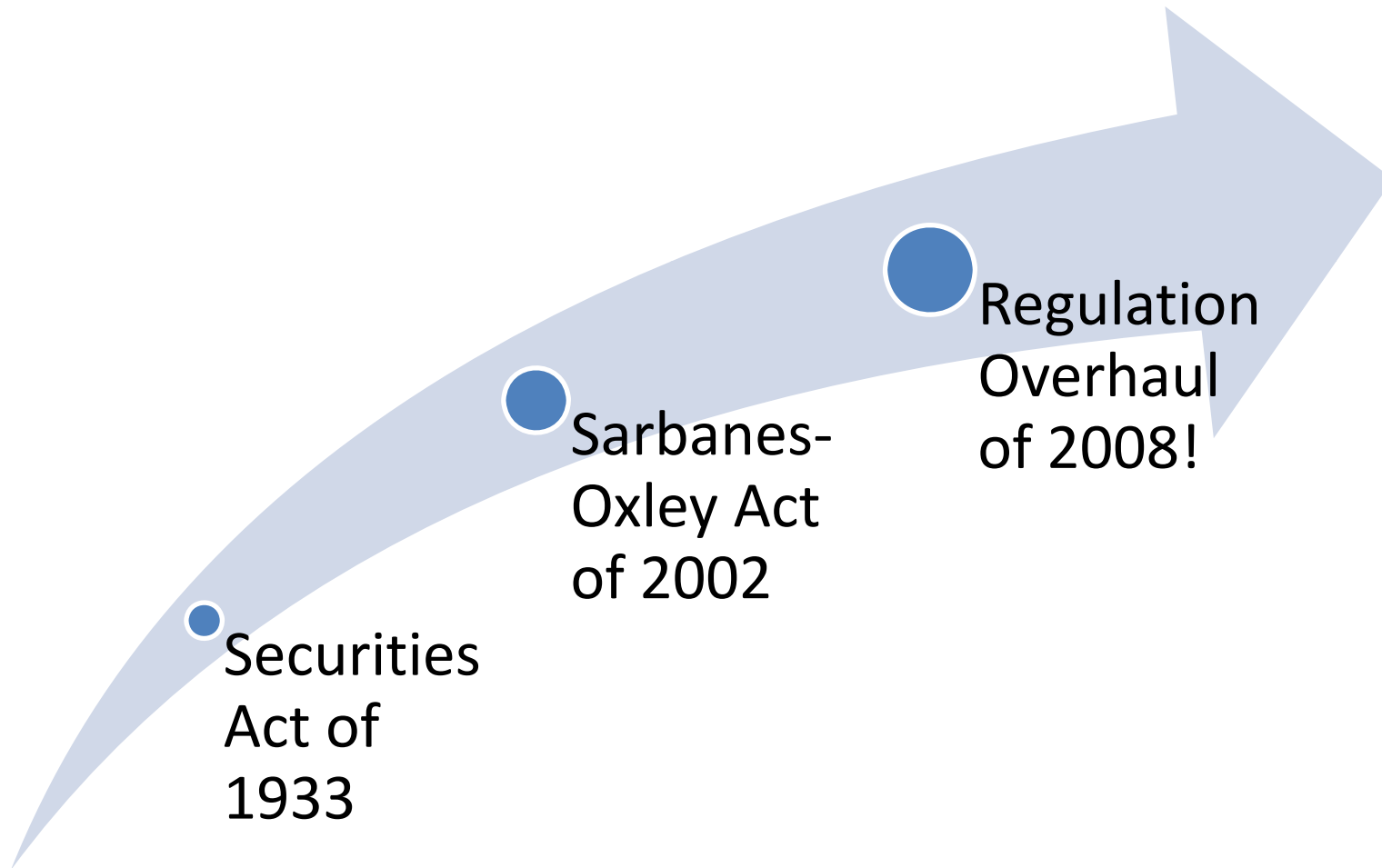
Overview

1. The Data Professional's Role

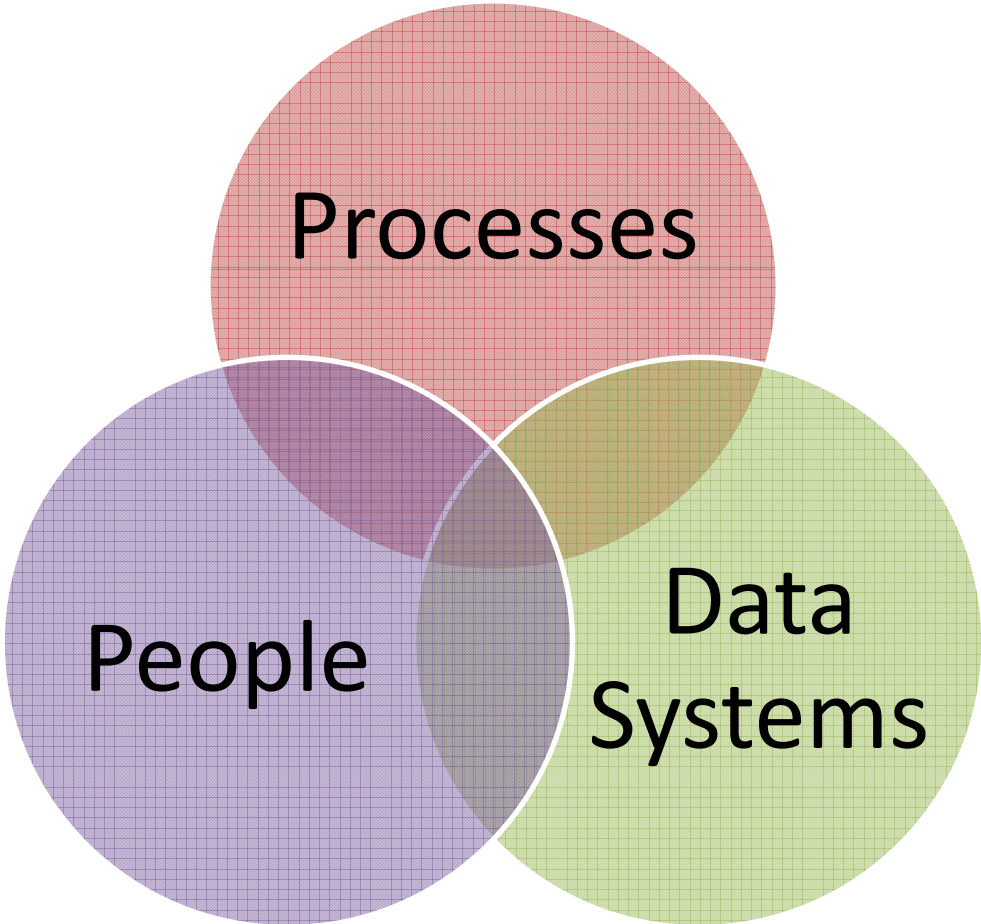
2. Compliance Architectures

3. Influencing the Organization

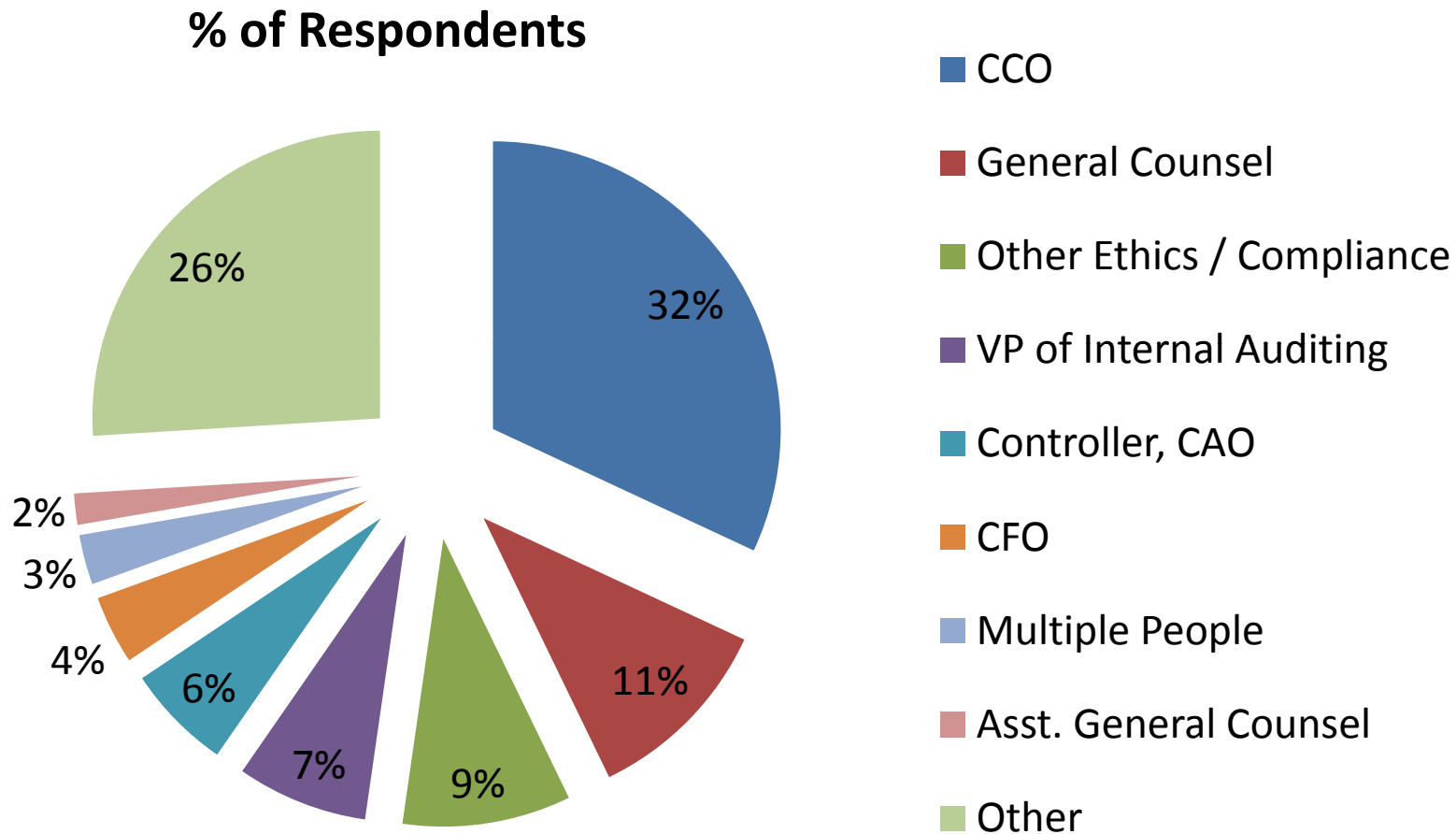
SEC Regulatory Timeline



Compliance Framework



Who Owns Compliance?



Source: Compliance Week Oversight and Reporting Structure Survey (March 2008) of 284 executives from 230 companies.

Finance Systems Group

Synergizes Finance and IT

Reports to Chief Compliance Officer

Highly Functional Team

- One Functional Leader – Acts like a “Coach”
- 4, 6, or 8 Very High Level People
- Understand Finance and IT very well

Decentralize for Optimum Compliance

Centralized IT

- Increased Governance
- Optimize IT Service Process
- IT Concerns Organized and Focused

Decentralized IT

- Best Alignment with Business Objectives
- More Flexible to Business Changes
- Just more fun for IT

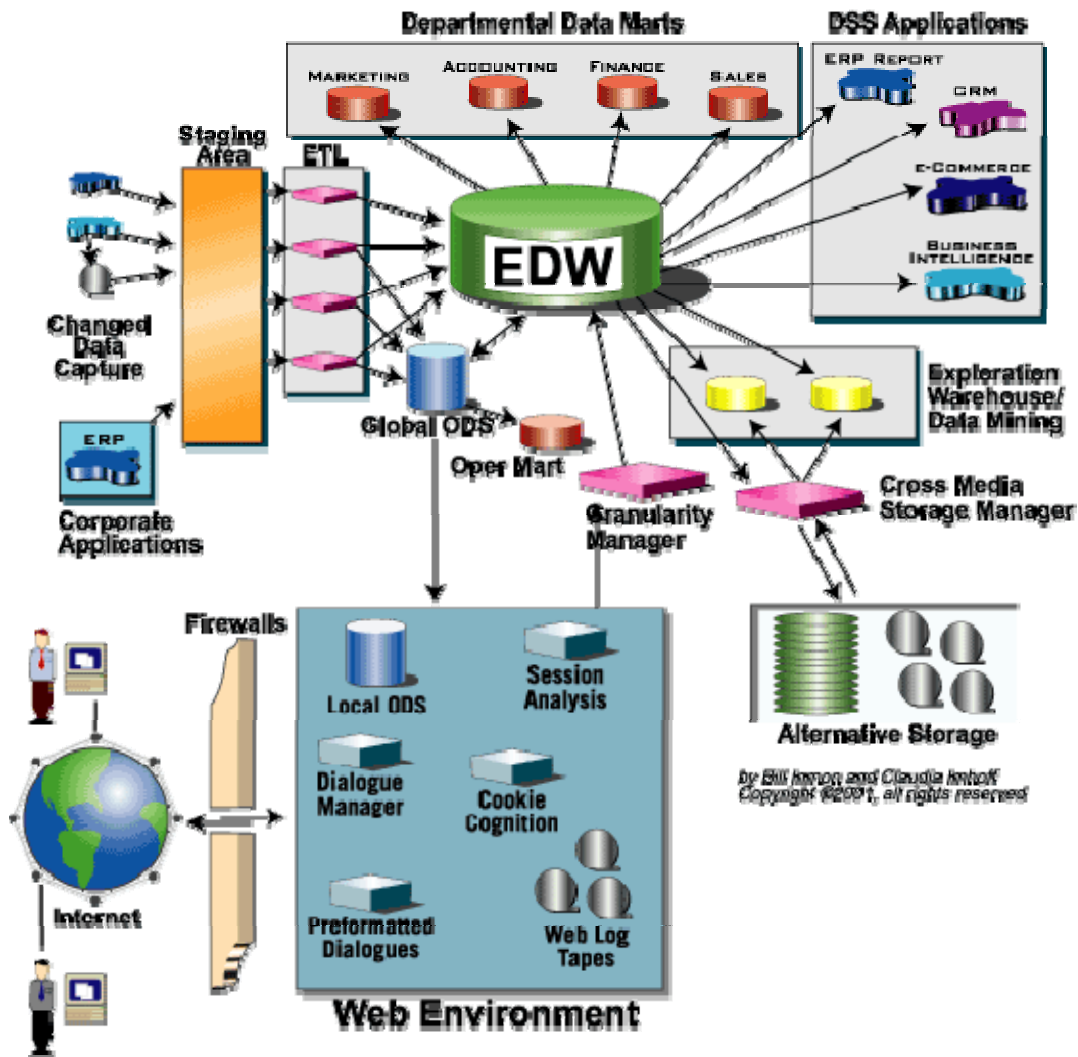
The Perfect Mix

- One Part Centralized, Three Parts Decentralized
- Start Decentralized and Ease into Centralized
- Stop when Business Productivity Drops

Bill Inmon

Who was he, and what is he famous
for?

The Corporate Information Factory and the Web Environment



Source: Bill Inmon's Corporate Information Factory,
<http://www.inmoncif.com/library/cif/>

Salient Architectures

- Enterprise Data Warehouse
- Operational Data Store
- Data Marts

Compliance Data System

Auditors Drive the Requirements

- One Process, Two Goals – Auditors Care About Compliance
- Guilty Until Proven Innocent
- Show Me How You Got There

Leverage CIF Concepts

- Enterprise Data Warehouse
- Operational Data Store
- Data Marts

Compliance Has Unique Requirements

- Write Back System
- Issue Tracking System
- Continuous Controls Monitoring

Evolving in Maturity



Questions and Answers



6 Steps to Influence the Organization

Step 1 : Emphasize Outcomes

- Common objective is improved compliance
- Conflict is in alternatives
- Discuss benefits and risks

Step 2 : Be Clear on Musts

- Must be treated as a partner
- Must have access to auditors
- Must have “Voting Power”

Step 3 : Bring them to You

- Meet on your turf
- Second Choice – Meet on Neutral Ground
- Resist meeting on their turf

6 Steps to Influence the Organization (cont.)

Step 4 : LISTEN to Their Position

- Listen more than you talk
- Need to understand gap
- Talk is cheap! Get a commitment

Step 5 : Minimize Differences

- Quickly focus on areas of agreement
- Do not sacrifice musts!
- Negotiate with wants

Step 6 : Use Metaphors

- Pre-construct metaphors
- Use their metaphors to your advantage
- Learn their language

Summary

Know Your Value

- Compliance is not going to be solved with more lawyers and accountants
- Proper use of data professionals is the key to getting it done right

Compliance Data Systems

- Auditors drive the requirements
- Leverage current architectures and add value with new ones

Influence the Organization

- All the ideas in the world won't help if you can't influence your organization into partnering with you