

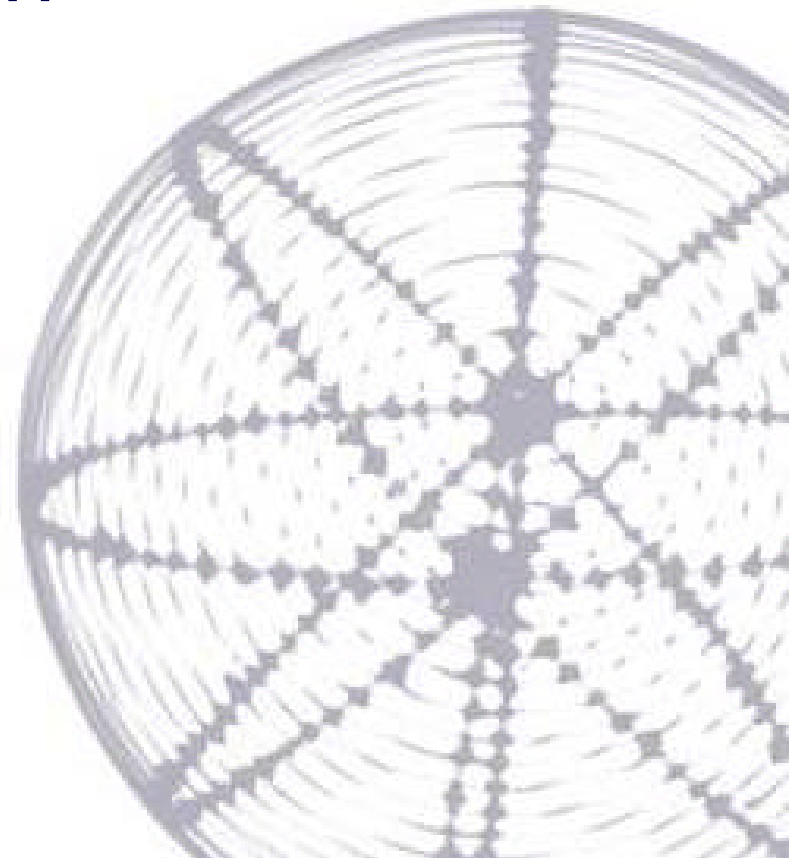


IT training and consulting

Principles based architecture federation and integration

Christopher Blake
Managing Consultant

23rd October 2003

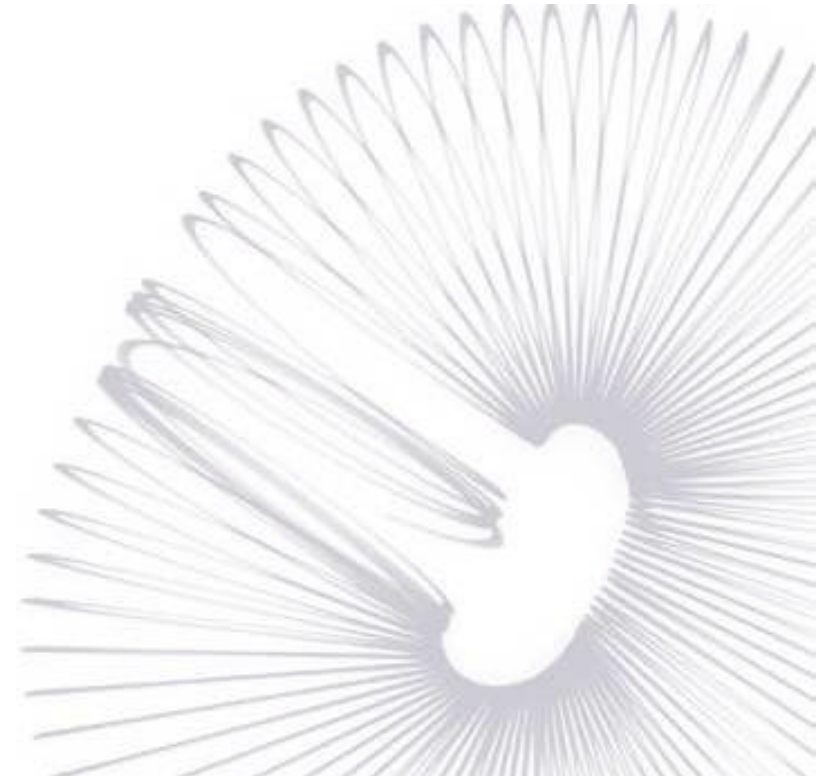




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Top issues or IT Management (Meta Group)

- Business & IT Alignment
- Value Management
- Leadership
- Operational Excellence
- Human Capital Development
- Adaptive Infrastructure





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Why integrate?

- To achieve balance between value and risk
- To contain cost
- To align business and IT architectures
- To enhance operational capability
- To focus efforts of skilled resources





An Architecture Value Chain

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Standards, Bodies, Industry, Regulatory, Enterprise

Sources

Concepts

Models

Patterns

Tools

Processes

Technologies

Components

Products

Infrastructure

Expertise

Culture

Standards

Architecture

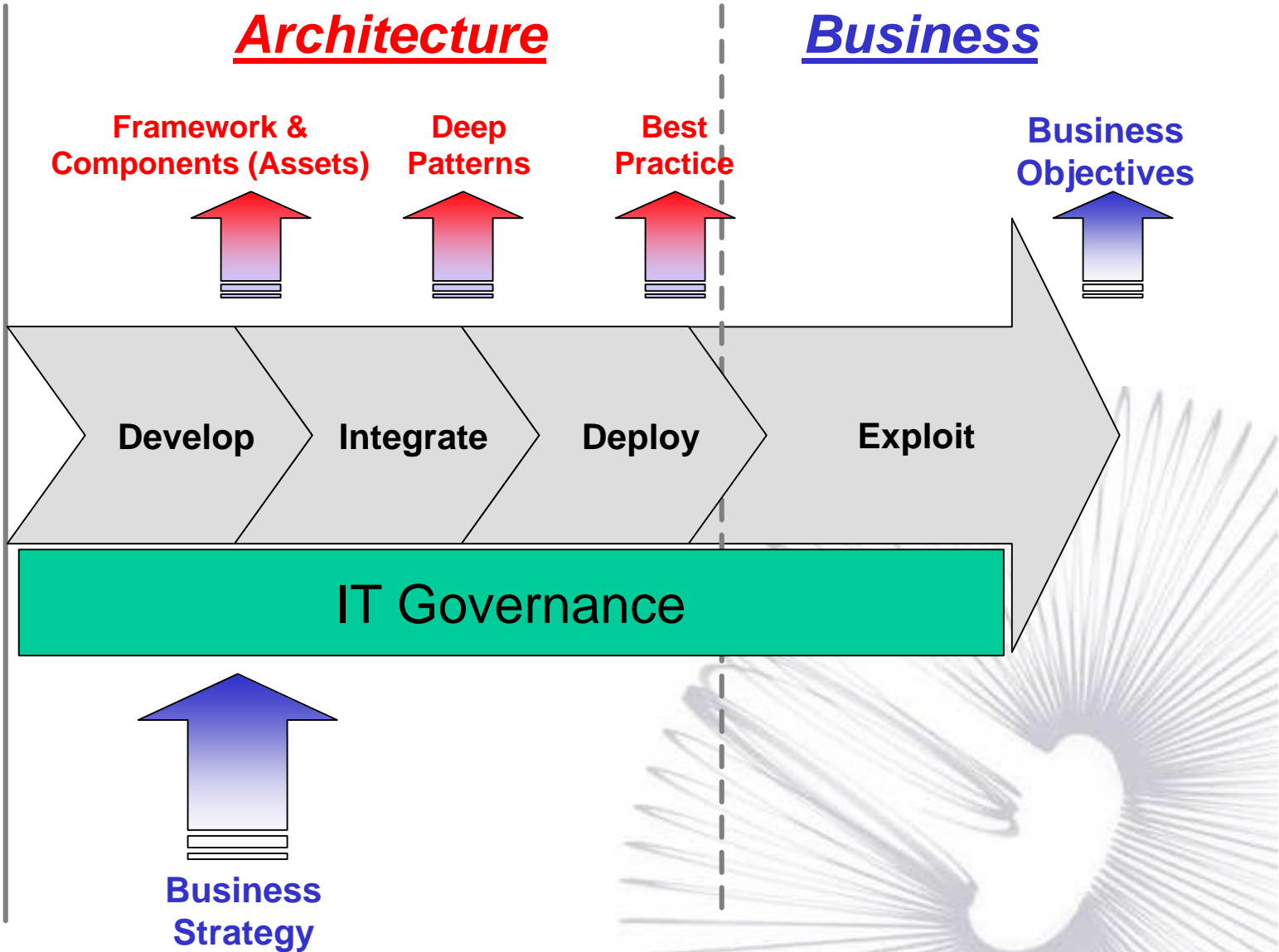
Framework & Components (Assets)

Deep Patterns

Best Practice

Business

Business Objectives



Inter and intra enterprise integration issues

- Separately developed architectures
- Different methodologies
- Different scopes
- Different products and deliverables
- Different formats and structure
- Lack of completeness
- Lack of standards
- No common language
- ... etc.

within and between enterprises

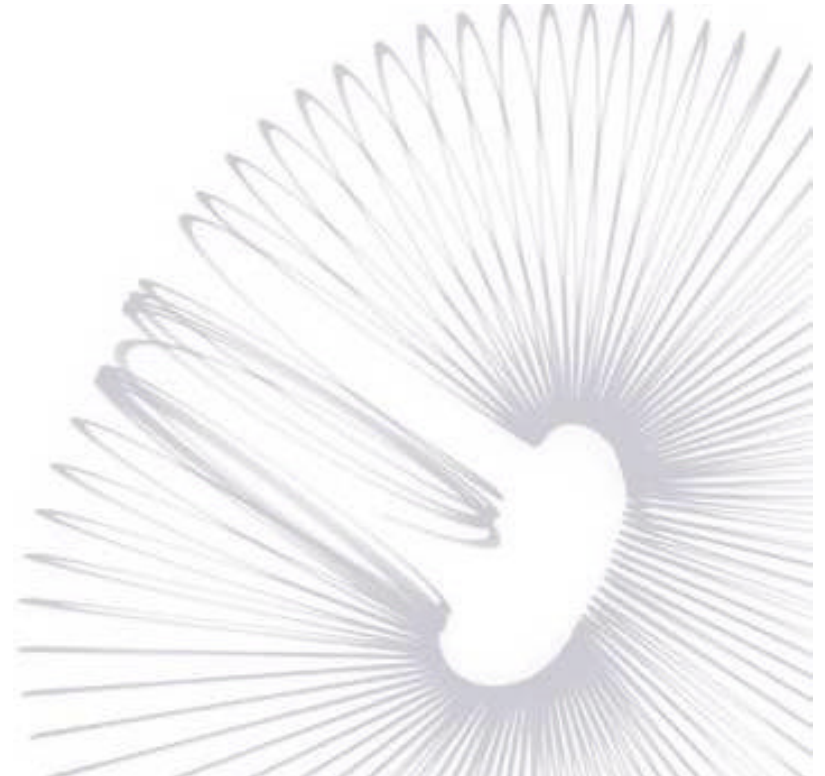




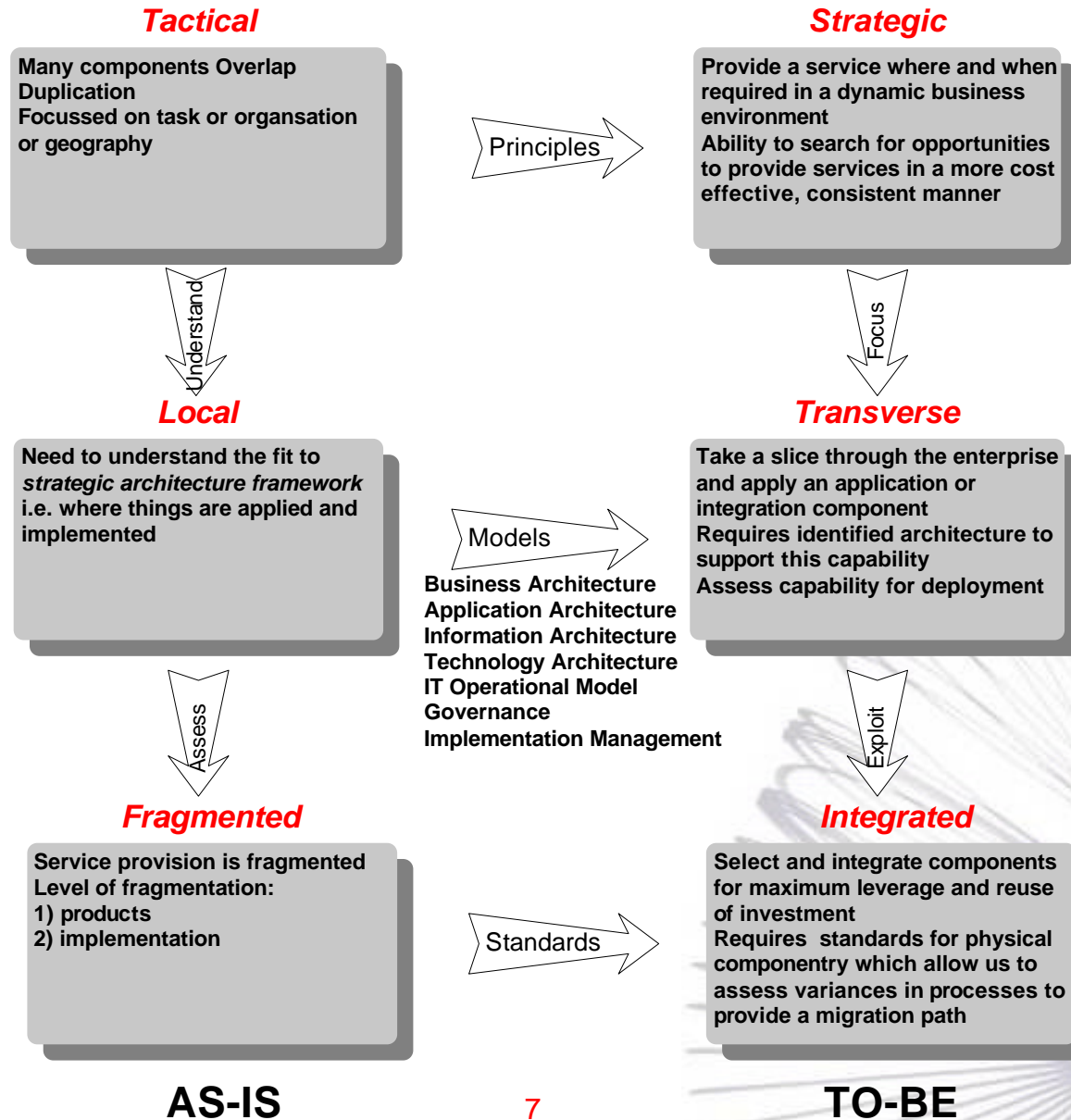
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What do we integrate?

- Principles
- Models
- Standards
- Current inventory

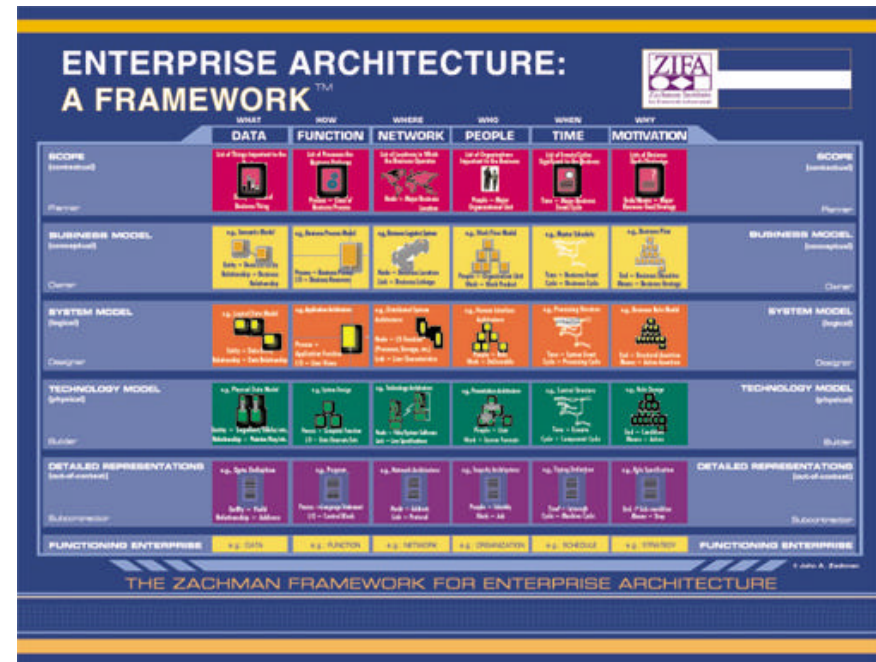


Integration



Where do we integrate?

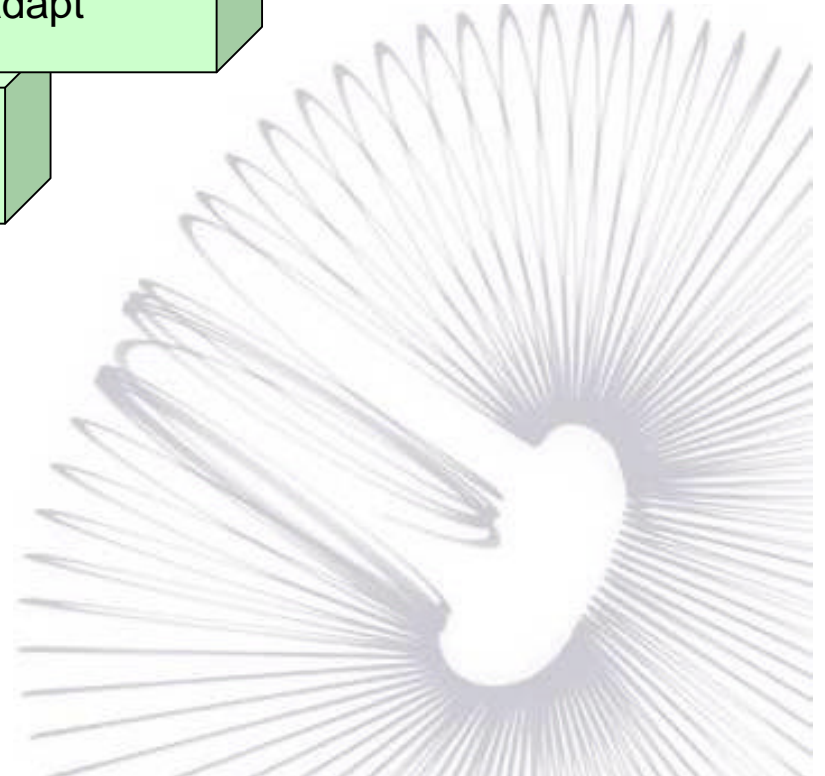
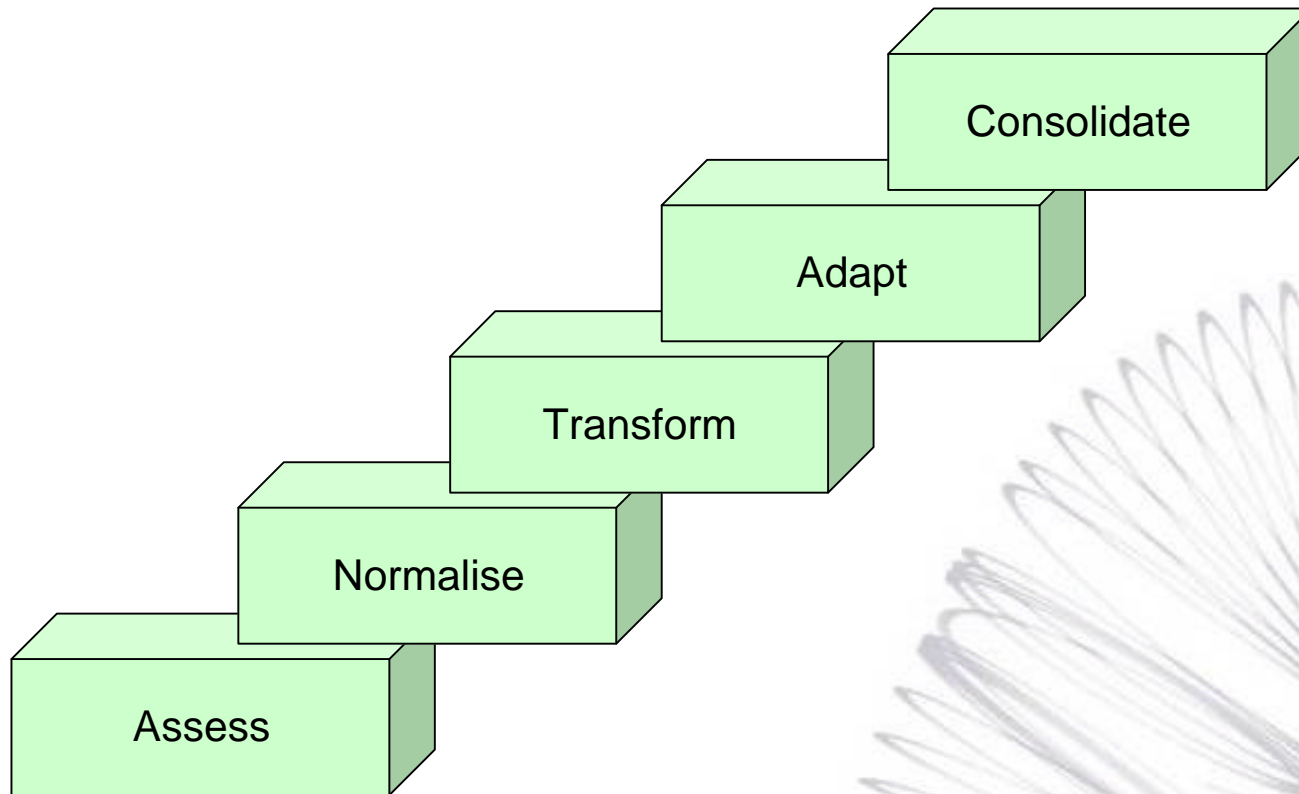
- Use Zachman Framework as a basis
- Business
 - Process and organisation
- Information or data
- Applications
- Security
- Technology
- Operational model
- Governance





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How do we integrate?

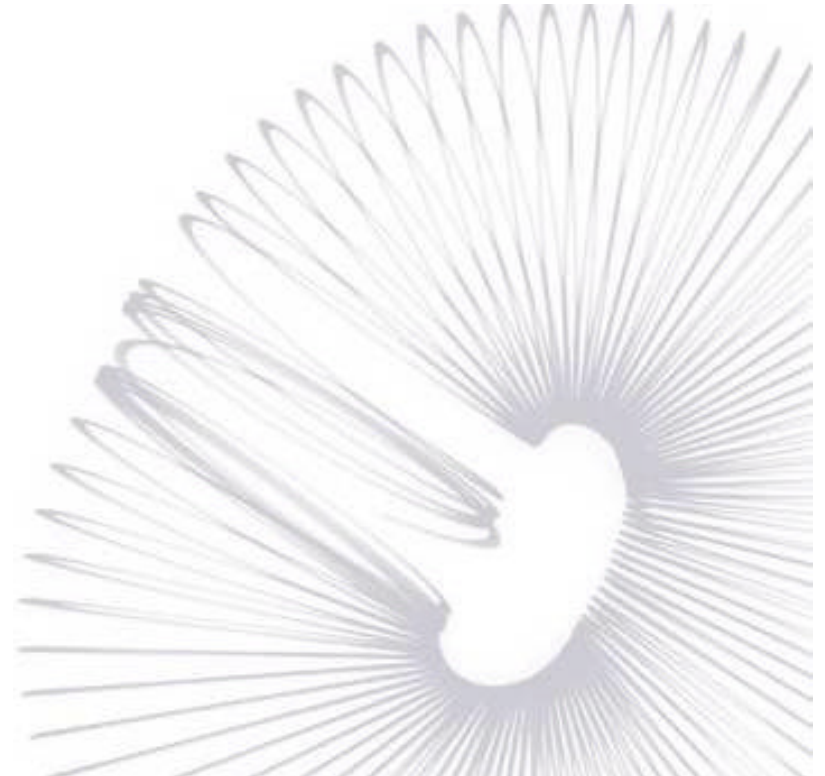




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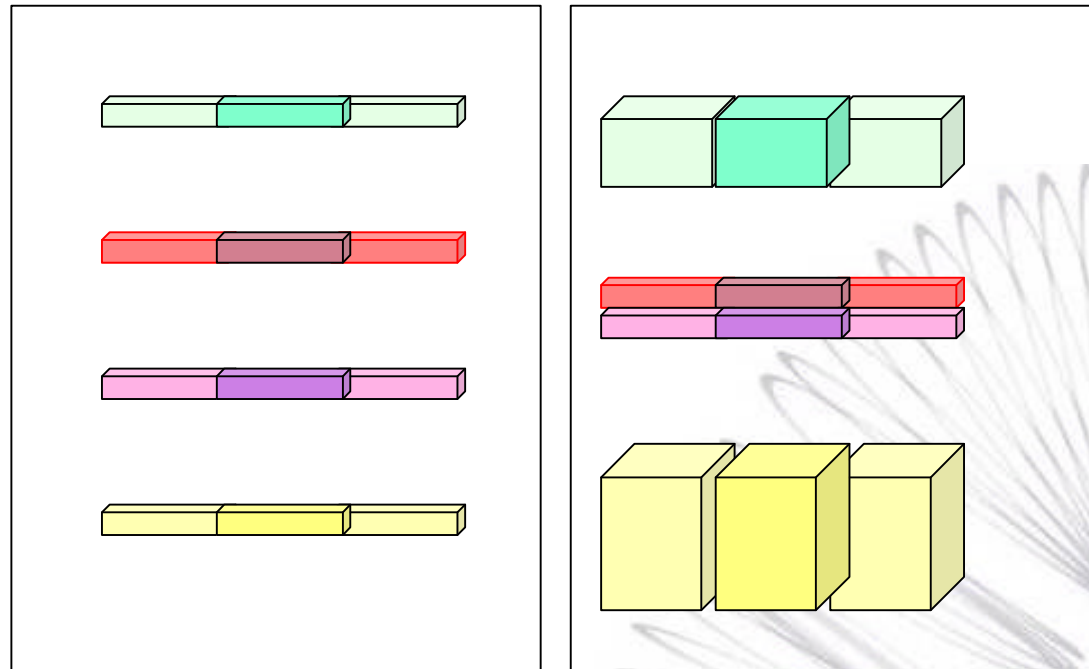
When do we integrate?

- Business rationalisation
- Merger and acquisition
- Outsourcing initiative
- Technology change



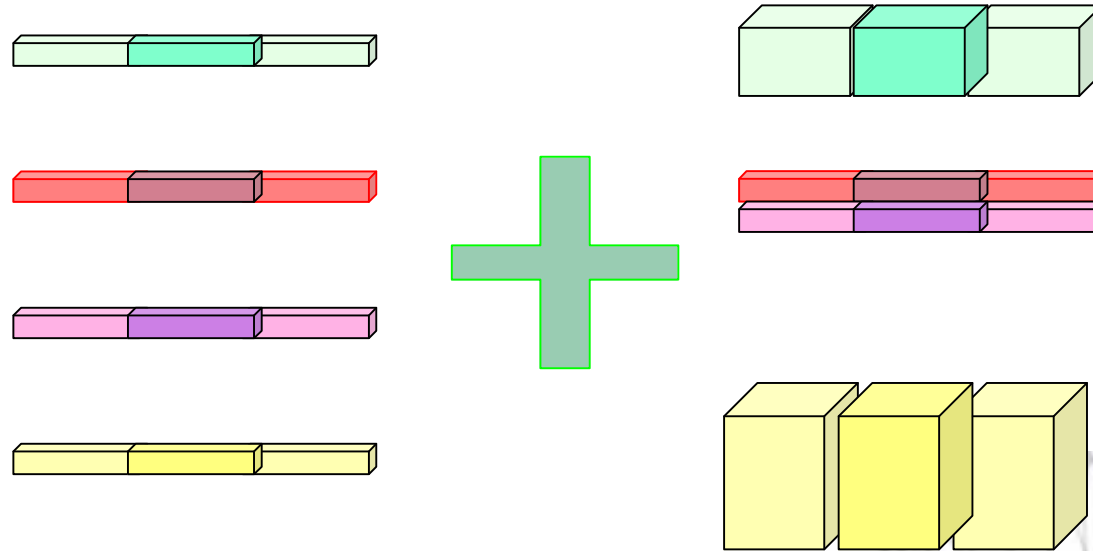
Integration Scenarios – Merger or Acquisition

- What do we merge?
- Assess

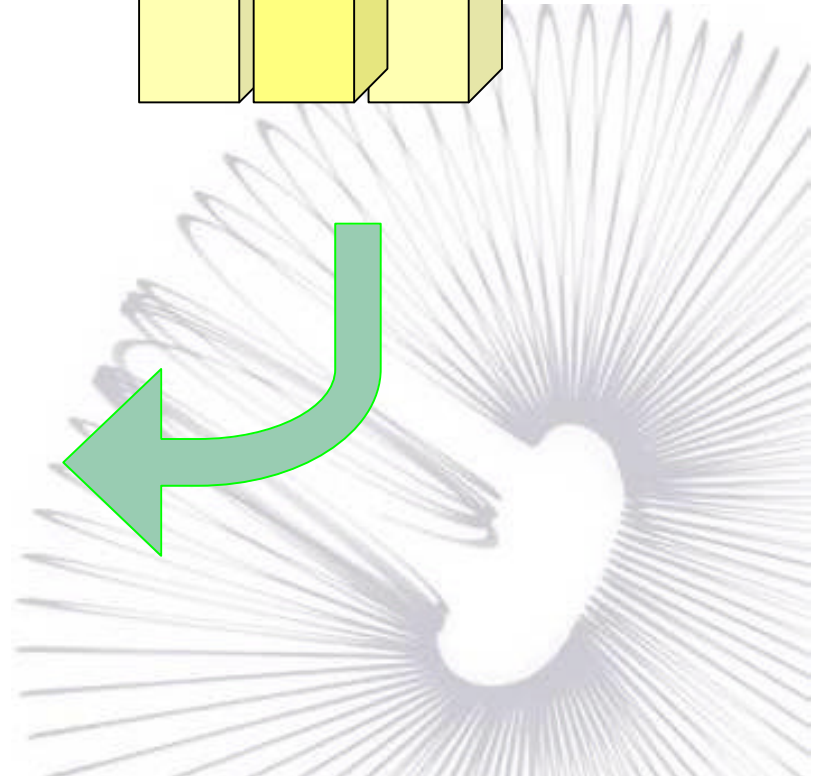
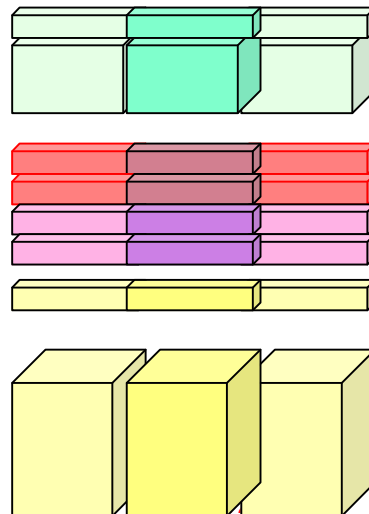


Integration Scenarios – Merger or Acquisition

- What do we replace?

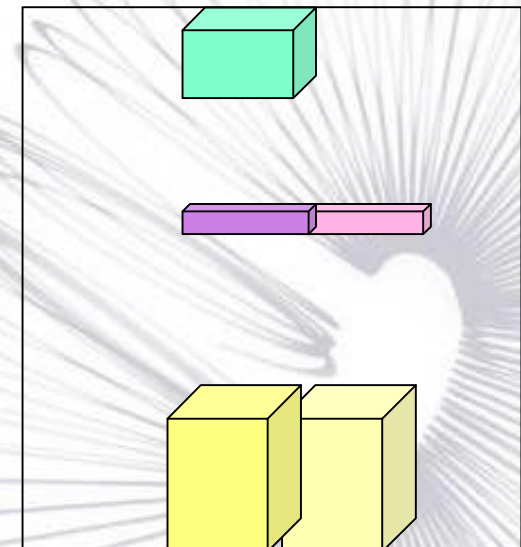
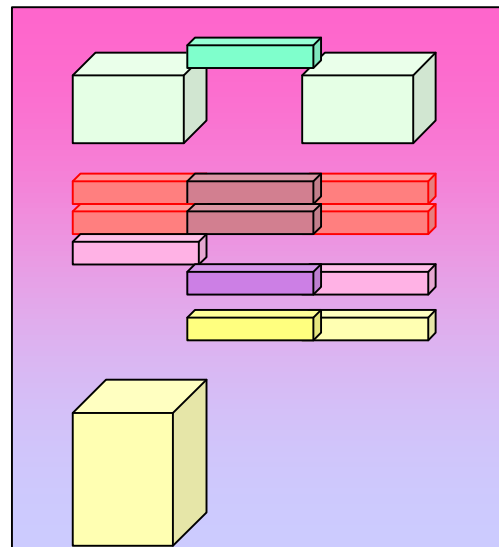
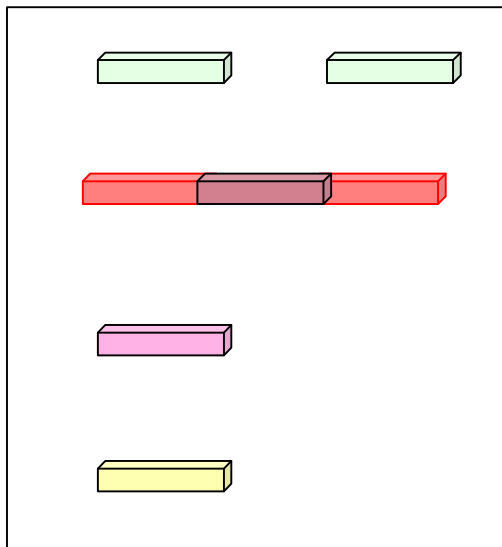
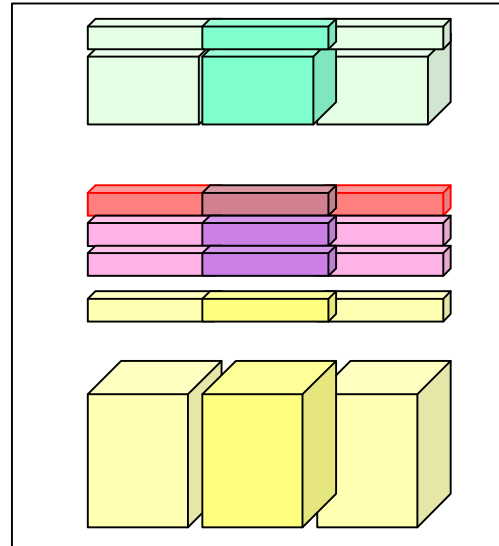


- Normalise



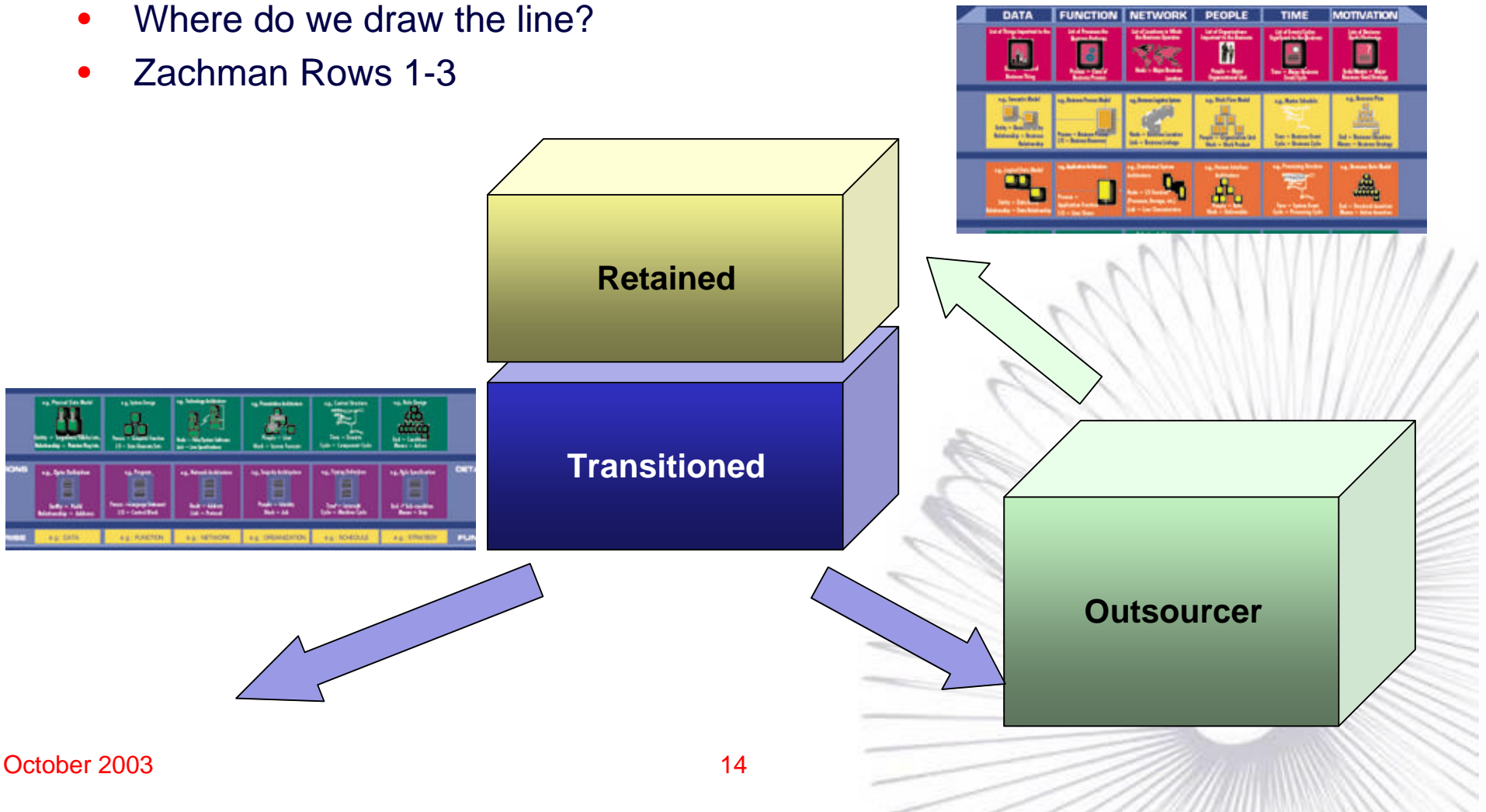
Integration Scenarios – Merger or Acquisition

- What do we replace?
- Transform
- Adapt
- Consolidate



Integration Scenario - Outsourcing

- Replacement
- Where do we draw the line?
- Zachman Rows 1-3





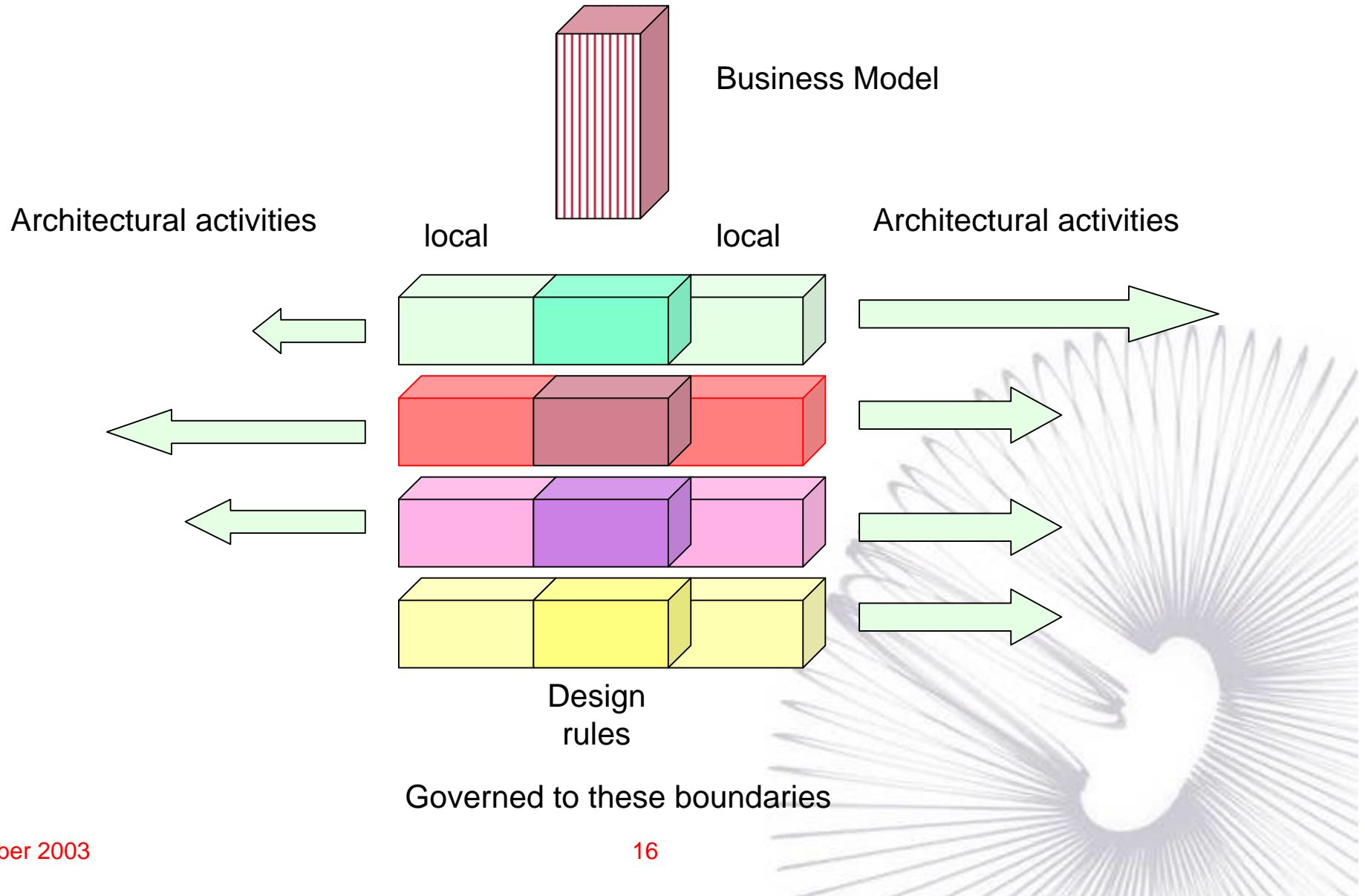
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Integration Scenario – Rationalising to a business model – how do we align?

- Define the footprint of each architecture
 - Develop, integrate, deploy & exploit activities
- Investigate external instances
- Identify forces for change in each architecture domain
- Align Enterprise Architecture to the business model
- Merge or replace stuff
- Define and manage the boundaries through Governance

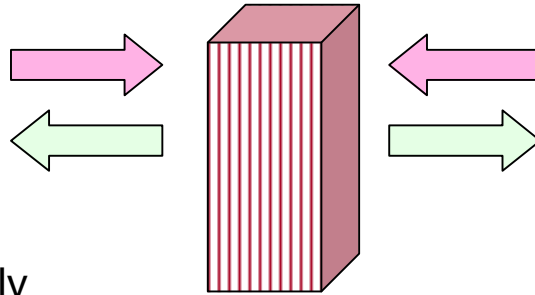


Architectures aligned to a business model

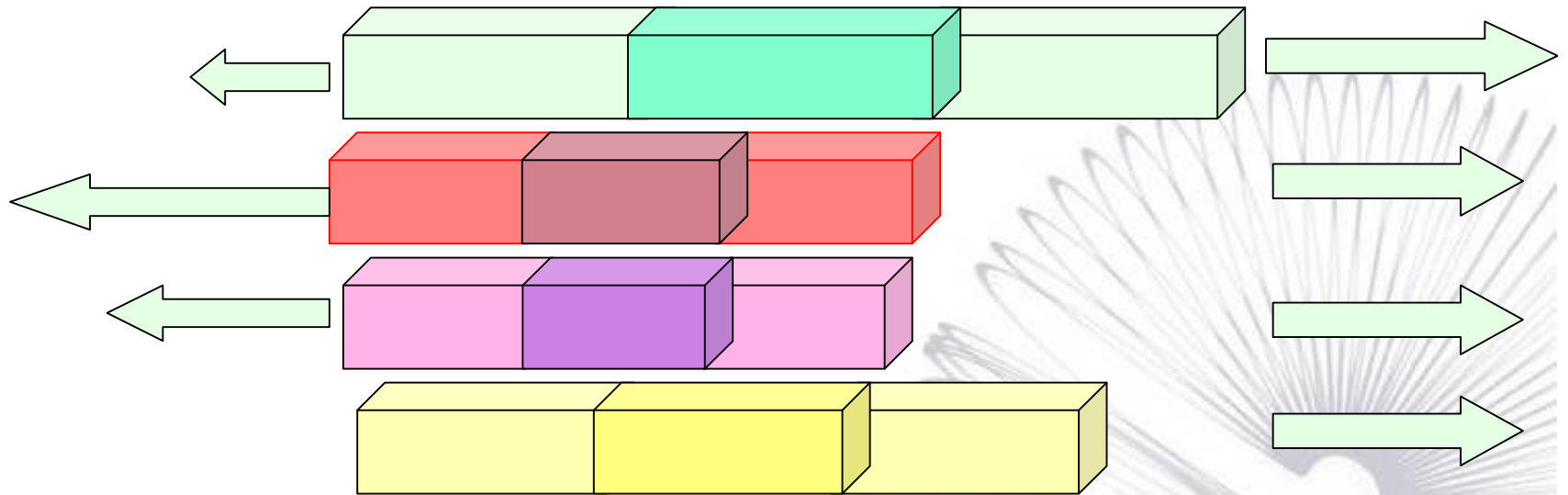


Architectural activity and exterior forces

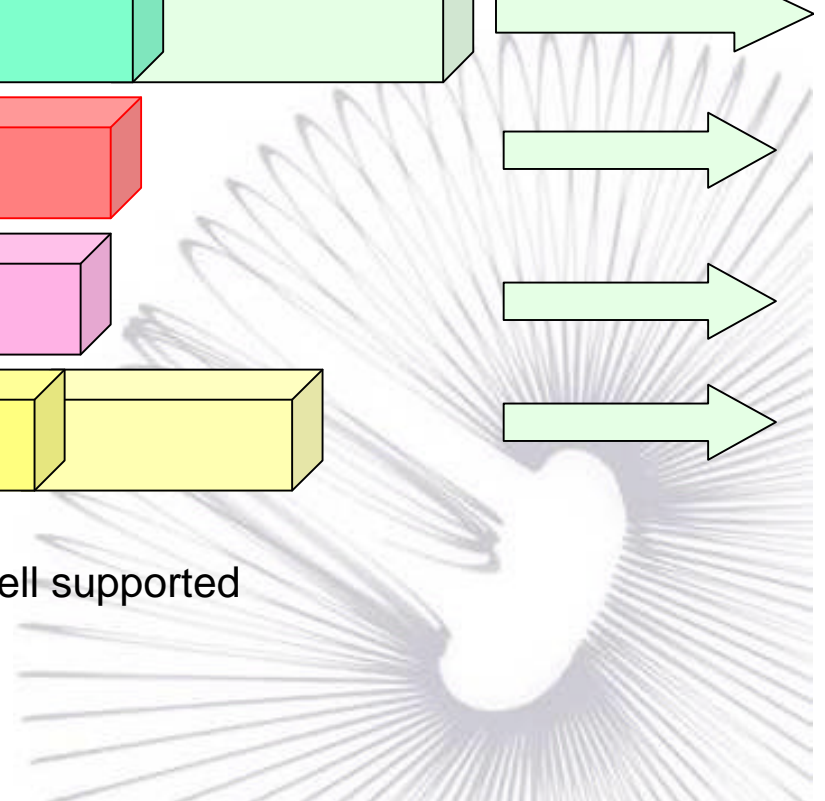
Business Model Changes



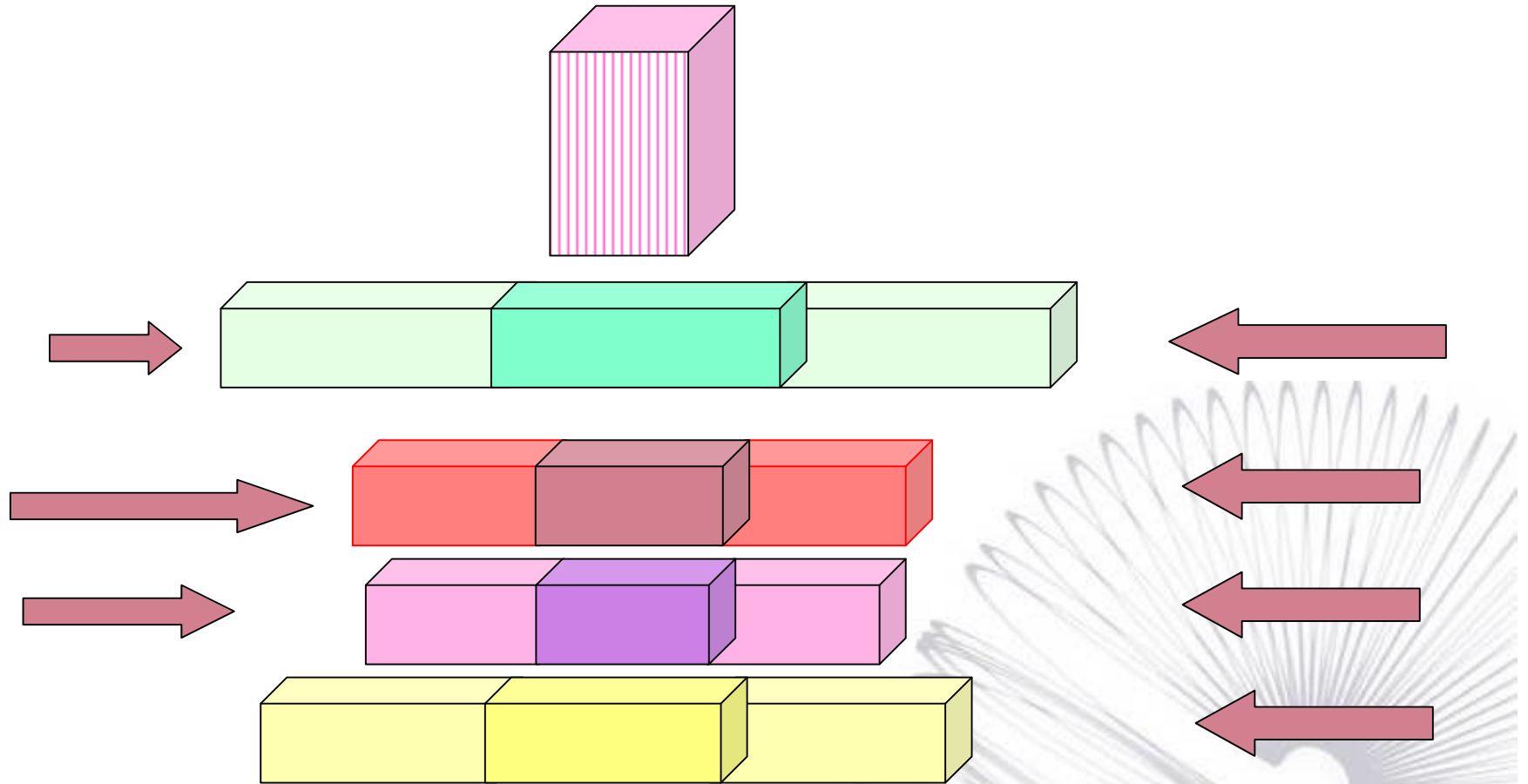
Architectures develop differentially



Business model no longer well supported

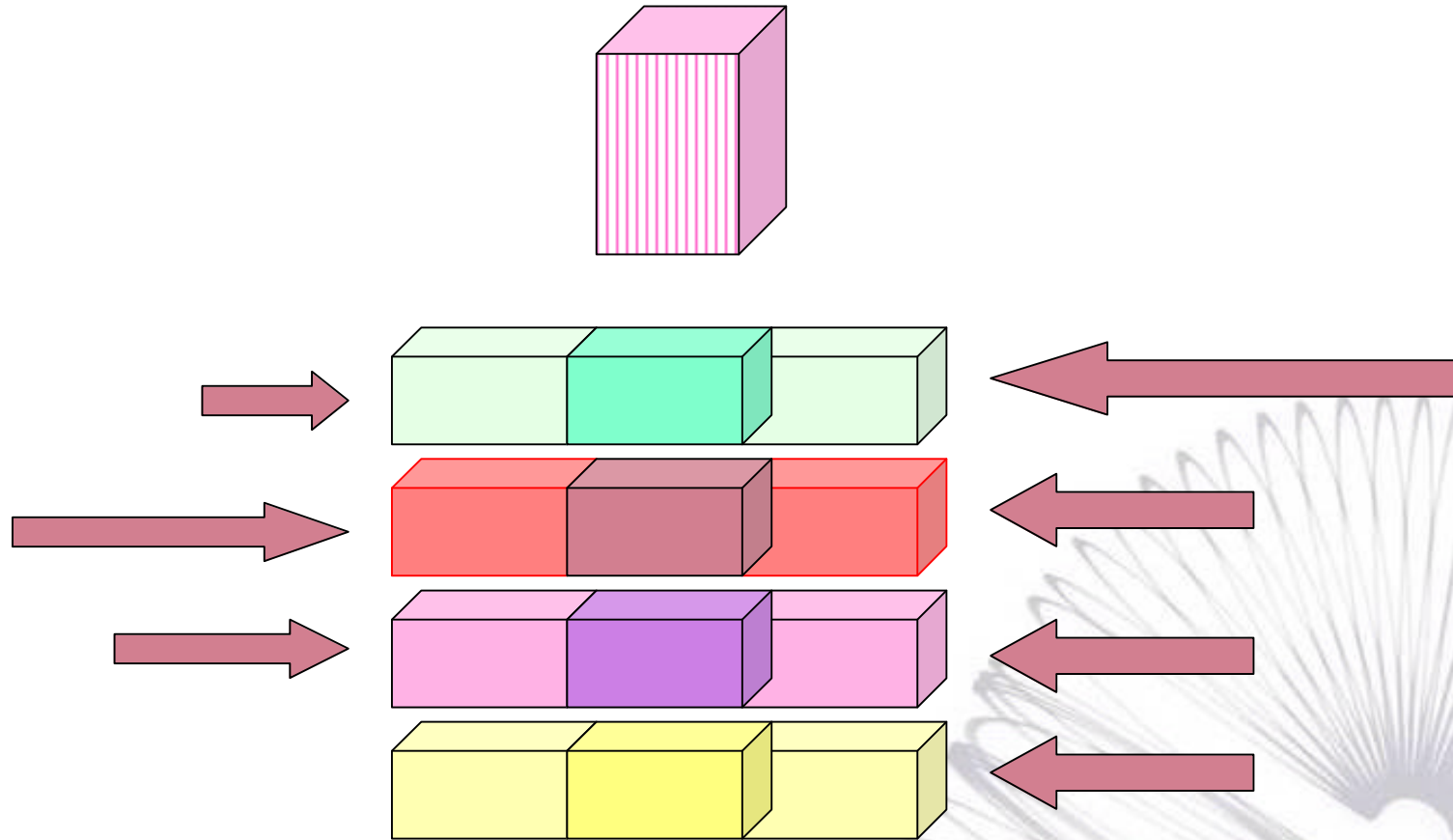


Architectural alignment



Governance and integration process applied to realign architectures

Govern to the business model

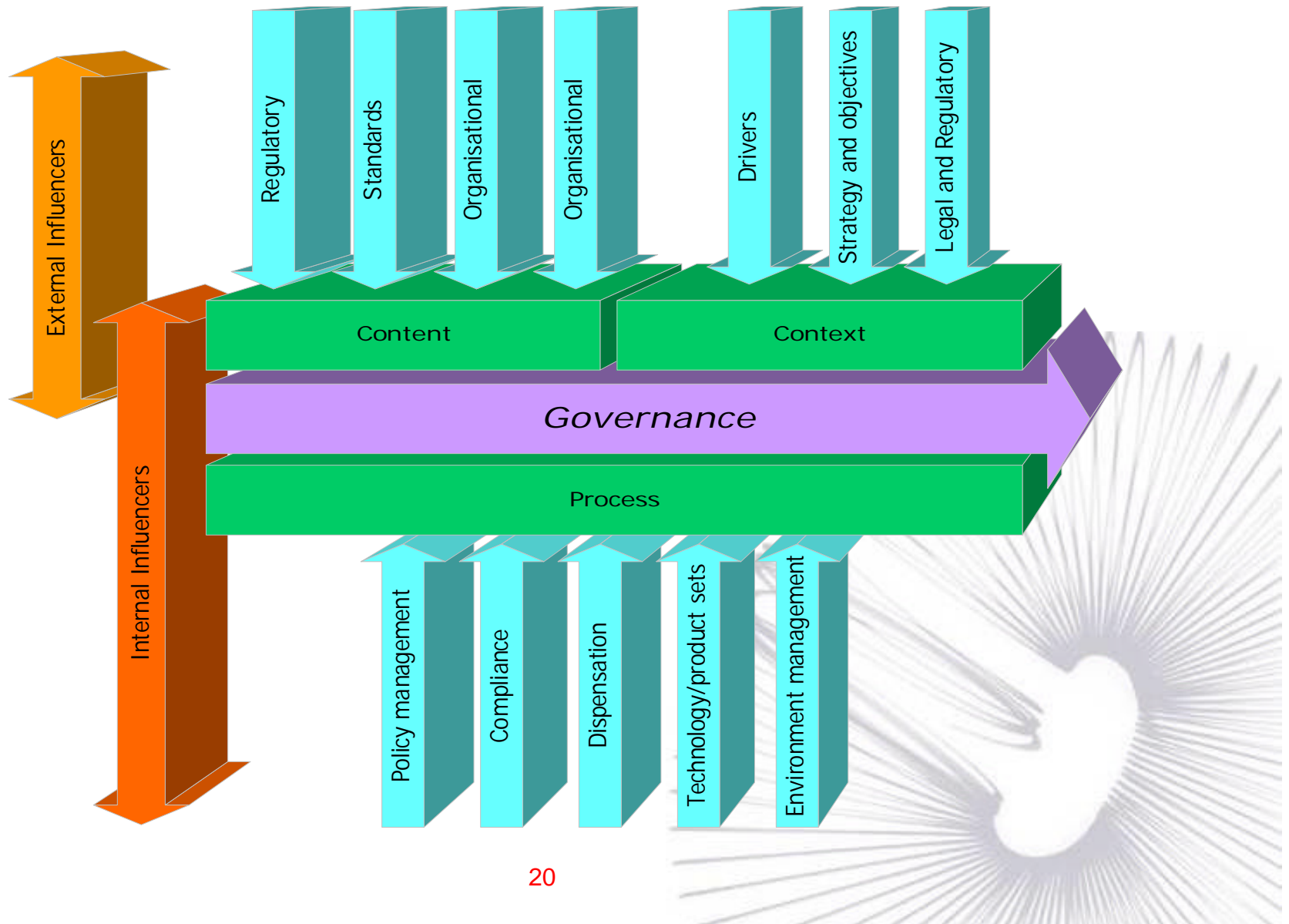


Strong governance realigns architecture to changed business model accommodating external forces



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Positioning Governance





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