

# Applied SOA Adoption: Turning Theory into Progress

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# SOA Principles fading away ?

1 Loose Coupling	<ul style="list-style-type: none"><li>-Separation of what from where</li><li>-Abstraction of Consumers and Providers</li><li>-Bus vs. Hub and Spoke</li></ul>
2 Encapsulation	<ul style="list-style-type: none"><li>-Hiding the how (a service completes a task) from the what (its task is)</li><li>-No hidden dependencies</li><li>-Focus on Interface</li></ul>
3 Standards	<ul style="list-style-type: none"><li>-Technology Interoperability</li><li>-Common Domain Models</li><li>-Tools</li></ul>
4 Architecture	<ul style="list-style-type: none"><li>-Distributed</li><li>-Federated</li><li>-Technology Agnostic</li><li>-Abstracted</li></ul>
5 Organization	<ul style="list-style-type: none"><li>-Cross Domain</li><li>-Competencies and Projects</li><li>-Share and Re-Use</li><li>-Collaborate</li></ul>

Common SOA Principles are irreversible

## SOA focus so far...

**IT Focus**

- Implementing requirements faster, cheaper
- Leveraging synergies
- Consolidate IT functions
- Simplify integration
- Modernize applications

Technical

Business

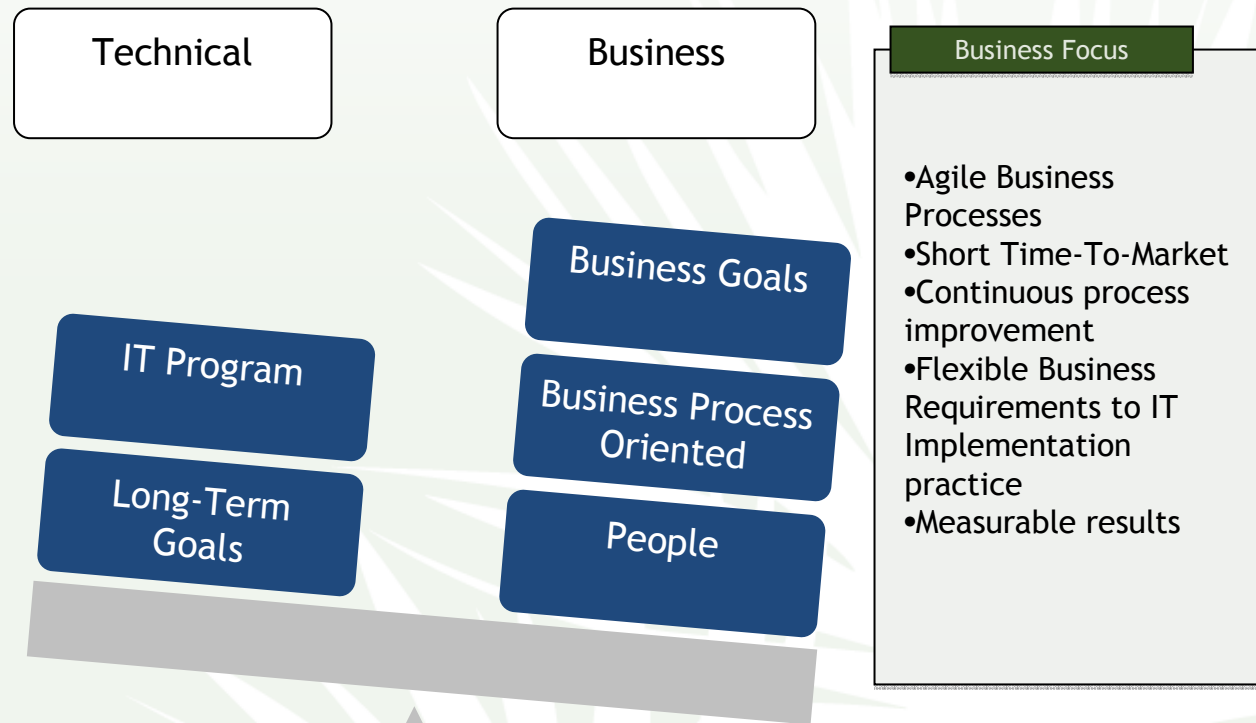
IT Efficiency

IT Project

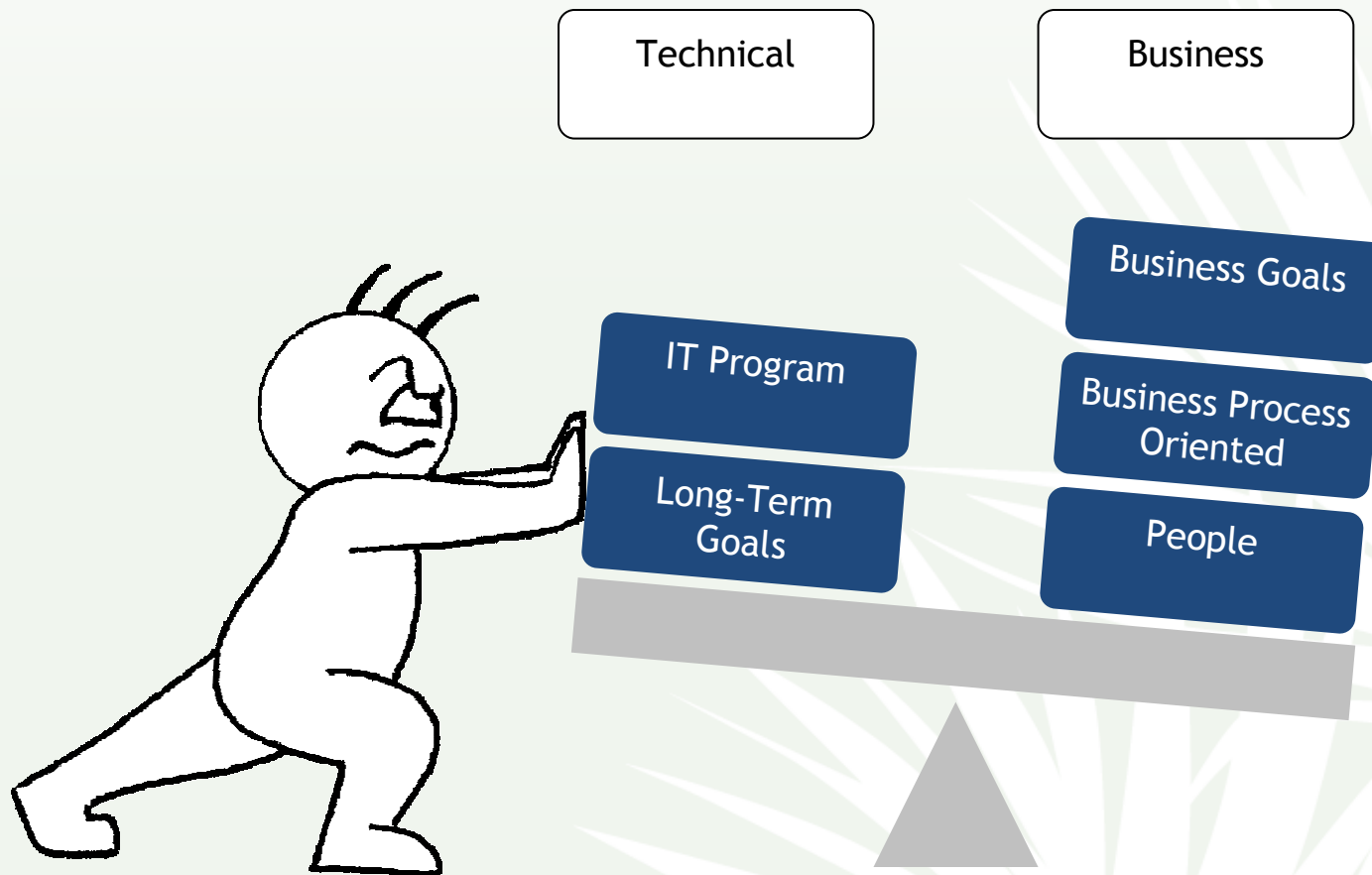
Long-Term Goals

Business Goals

## SOA focus is shifting...



But how do we get there ?



## Adoption Step 1: Define What SOA Means to YOU !

### 1 Services

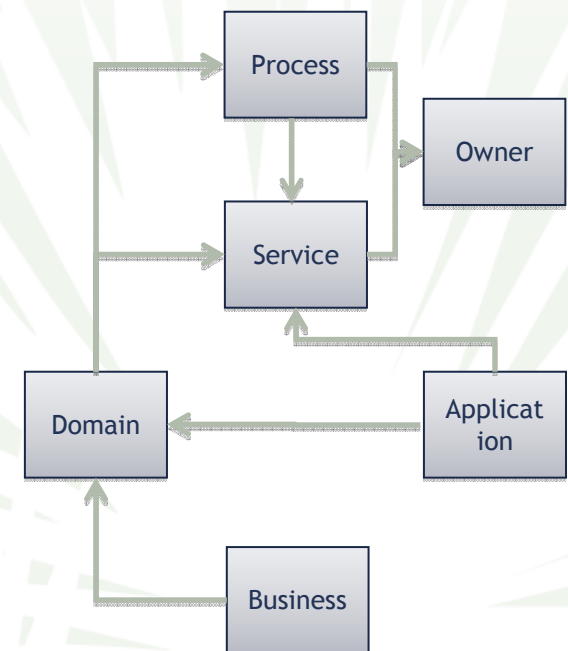
-Why and where do we need Services ?

### 2 Business Processes

-What is the relationship to Business Processes ?

### 3 Focus

-Integration vs. Business Enablement  
 -Modernization vs. Business Applications  
 -Efficiency vs. Effectiveness  
 -Requirements vs. Business Objectives  
 -Silos vs. Share and Re-Use



## Adoption Step 2: Define Your SOA Organization

**1** People

-What do our people need to become successful SOA practitioners ?

**2** Groups

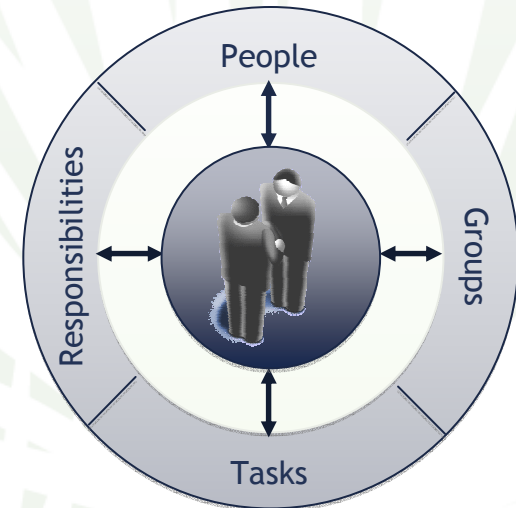
-What groups do I have and how can they collaborate ?

**3** Leadership

-What are the right leadership principles ?

**3** Center of Excellence

-What do I need it for ?



## Adoption Step 3: Define Your Life-Cycle

### 1 Tasks

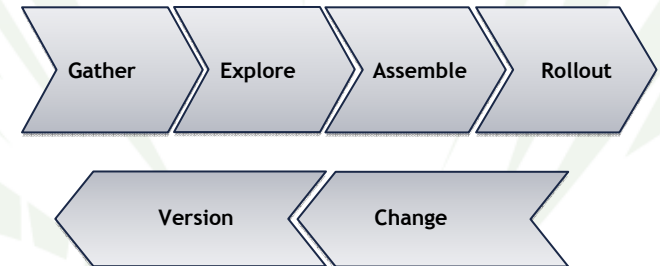
- What is the it that the groups need to be doing and how detailed do I describe and automate it ?

### 2 Responsibilities

-What are the responsibilities ?

### 3 Collaboration

-How do the different groups interact ?



## Adoption Step 4: Define your policies and measure, measure, measure

### 1 Policies

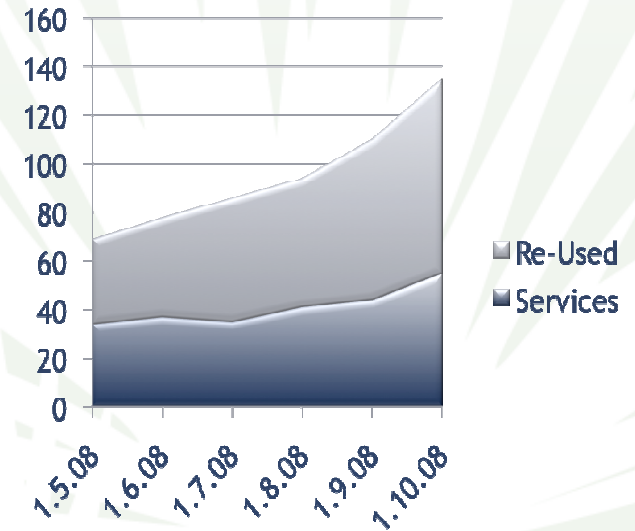
-What are the rules and expectations  
-How are they helping to drive collaboration

### 2 Metrics

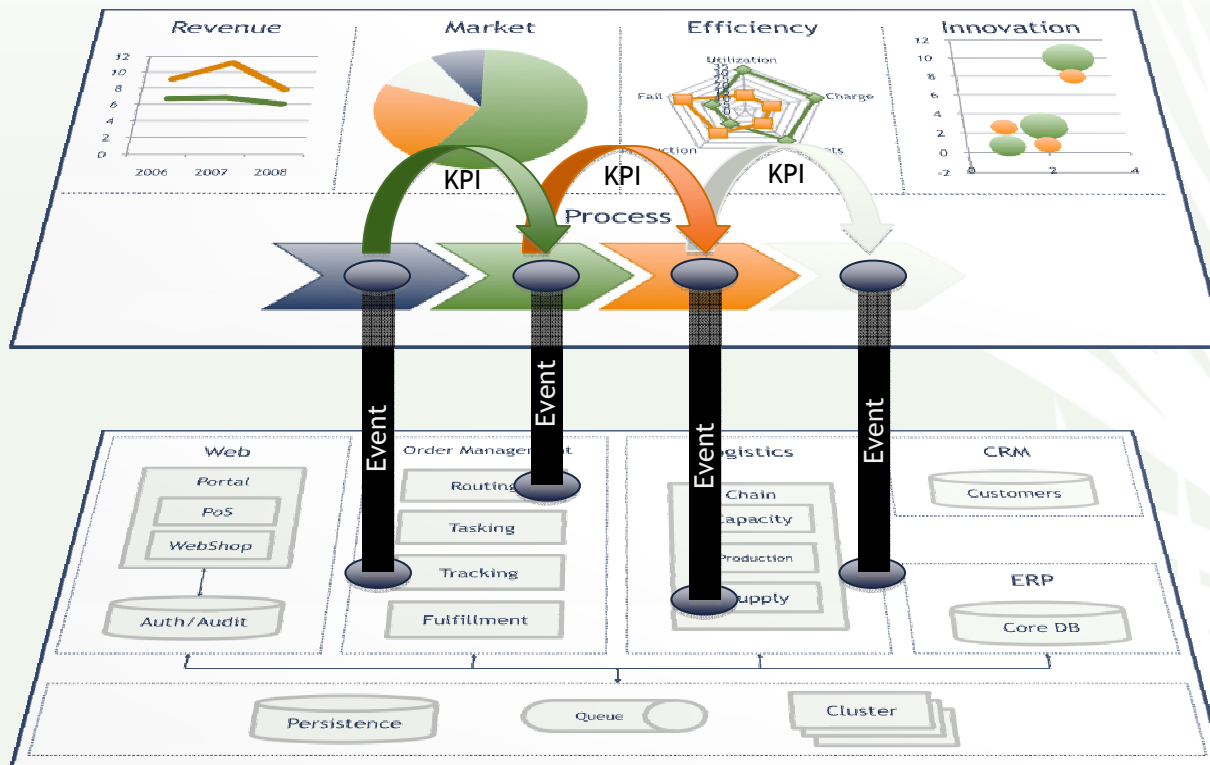
-What are the key criteria that need to be defined ?

### 3 Trust

-How can we establish trust ?



## Adoption Step 5: Be a performance driven organization



### Measure First

- Discover the key processes that enable business success
- Measure the business performance
- Analyze the IT performance
- Gain proof to where optimization is required the most
- Create Visibility on where IT has the biggest pains
- Use it to show success

# SOA Adoption Accelerator



Leverage our SOA adoption experience today!

SOA is no longer a question of "What is it?". In the past years the focus of large IT organizations has shifted towards "How to adopt the principles of SOA?". Software AG Global Consulting helped more than 100 large companies in designing their individual roadmaps towards SOA and consulting them on their way to a more efficient and agile business infrastructure.

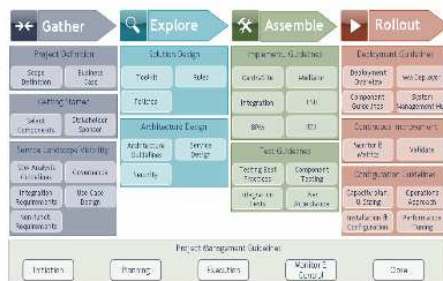
Effective Governance is crucial but requires balance. Excessive Governance can become too much overhead or may cause organizational rejection. It embeds itself into existing ways of managing projects and people and also integrates with already established methodologies and technologies.



Software AG's project delivery model GEAR ensures effective projects at predictable results.

Successful SOA initiatives require effective governance. Without it SOA projects are hard to control and the expected benefits will not materialize. Threats for the success of SOA adoption are:

- Unclear scope
- Improper organizational structure, lack of SOA competency center
- Lack of formalized processes and life-cycles
- Non-existent common principles and policies
- Missing measurable results



Fact Sheet

We can help you to:

- Define Your SOA Adoption Strategy
- Shape Your Organization
- Define Your Life-Cycles
- Identify Your key Policies and Metrics
- Setup Your Center of Excellence
- Measure Your Success

Thank You !

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