

# TOGAF® Poster Series #9

## Architecture Partitioning and Integration

by Roger Evernden

### » WHY SCOPE OR PARTITION?

- » Complexity  
Divide an enterprise into chunks with manageable complexity & effective governance
- » Divergence  
Manage differences & conflict between organizational unit architectures
- » Change  
Allow teams to own & work on different elements of the architecture at the same time
- » Resources  
Accommodate the realities of time, funding and resources
- » Reuse  
Create modular architecture segments that can be reused in other contexts

### » CRITERIA TO CONSIDER:

- » Subject Matter / Breadth / Architecture Domains  
What areas are covered?
- » Time Period  
What time periods are covered?
- » Depth  
What level of detail is needed?
- » Maturity / Volatility  
What is the enterprise capability & what are its expectations for change?

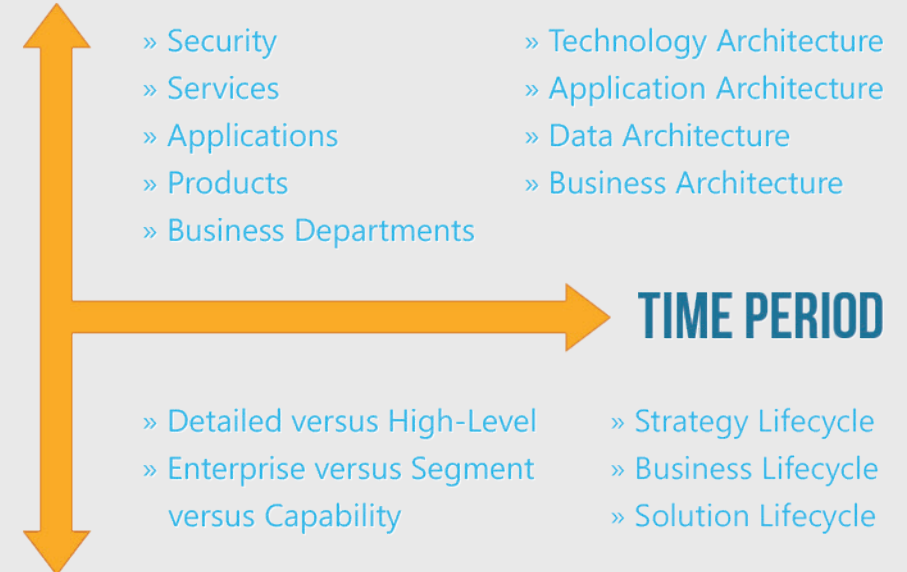
### » PRELIMINARY PHASE STEPS & SUPPORT ARCHITECTURE PARTITIONING:

- » Determine Organization Structure for EA  
What teams will create the architecture? What are the boundaries between teams? What governance applies to them? What are reporting lines?
- » Determine Responsibilities for each team  
What subject matter is covered? What level of detail? Over which time periods? Who are stakeholders?
- » Determine Relationships between Architectures  
Where do architectures overlap, dovetail, or drill-down? What are compliance requirements between architectures?

### » ARCHITECTURE INTEGRATION:

- » Dimensions used to scope or partition the architecture are typically the same ones that must be addressed when integrating architectures
- » The diagram to the right shows how different types of architecture might co-exist

### SUBJECT MATTER / ARCHITECTURE DOMAINS



### LEVEL OF DETAIL / ENTERPRISE ORGANIZATIONAL DEPTH

- » Enterprise  
"The highest level (typically) of description of an organization & typically covers all missions & functions. An enterprise will often span multiple organizations."
- » Segment Architecture  
"A detailed, formal description of areas within an enterprise, used at program or portfolio level to organize & align change activity."
- » Capability Architecture  
"A highly detailed description of the architectural approach to realize a particular solution or solution aspect."

