



*When introducing a Service Oriented Architecture, it is important to understand the different requirements for developing services covering several different business and IT domains and the exacting requirements to test these services end to end.*

### Objective

- To provide an end to end testing methodology suitable for Integration and Service Oriented Architecture projects.

### Approach

- **Planning** – Understand acceptance criteria for each phase of testing
- **Performance** – Providing design walkthroughs for critical processes
- **Integration** – End to end testing of processes & services
- **Tooling** – Ensuring that correct tooling is in place to manage & document the testing phases.

### Business Results

Customers adopting Alphacourt's approach have:

- **Reduced** – Error rates in development
- **Lower** – maintenance costs due to rigorous testing methodologies
- **Brought** – Products and services to market quicker because of reduced development effort
- **Higher** – Customer satisfaction due to robust services and software.

### Key Issues

How do I test processes that may contain services outside my business unit or company?

Can I stress test end to end?

What do I need for operational testing?

### Benefits

- Reduced development costs
- Fewer errors in production
- Known performance profiles

### Deliverables

- Documented testing plan
- Testing tools to manage and document testing
- Documented Performance Metrics