

# Enterprise Architecture

## Integration Architecture

### The Intent

#### What's Important?

- Seamless Communication
- Data Consistency
- Operational Efficiency
- Scalability
- Flexibility

### The Work

#### Middleware

- Message-oriented middleware
- Transaction processing monitors
- Object request brokers

#### APIs (Application Programming Interfaces)

- RESTful APIs
- SOAP APIs
- GraphQL APIs

#### Enterprise Service Buses (ESBs)

- Message routers
- Data transformers
- Protocol converters

#### Integration Platforms

- Integration Platform as a Service (iPaaS)
- On-premise
- Hybrid environments

### Business Readiness

#### What must happen before IA?

- Stakeholder Analysis
- Business Process Mapping
- Strategic Planning

#### How do you build a case for IA?

- Cost Benefit Analysis
- Risk Assessment
- Value Proposition

### Organizational Readiness

#### What are the essential cultural aspects?

- Leadership Support
- Change Management

#### Are there technical considerations?

- Current State Assessment
- Capability Development

#### Is process improvement necessary?

- Governance Framework
- Lifecycle Management Processes