



# Business Advantages of Service-Oriented Architecture

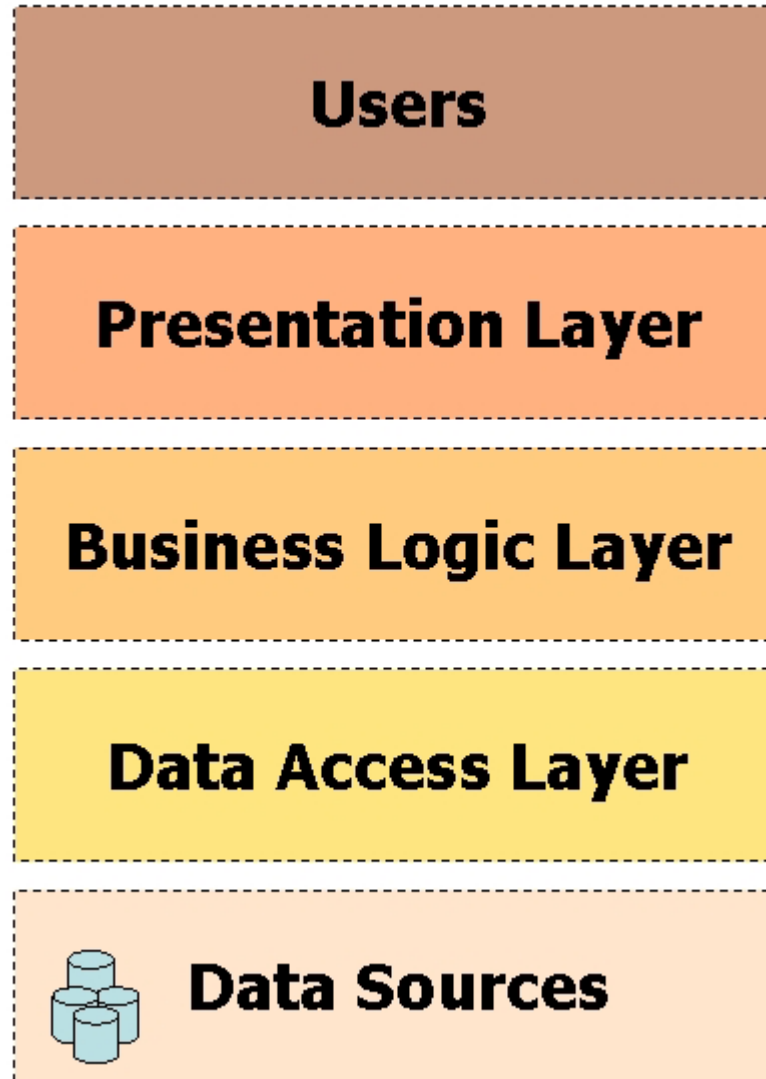
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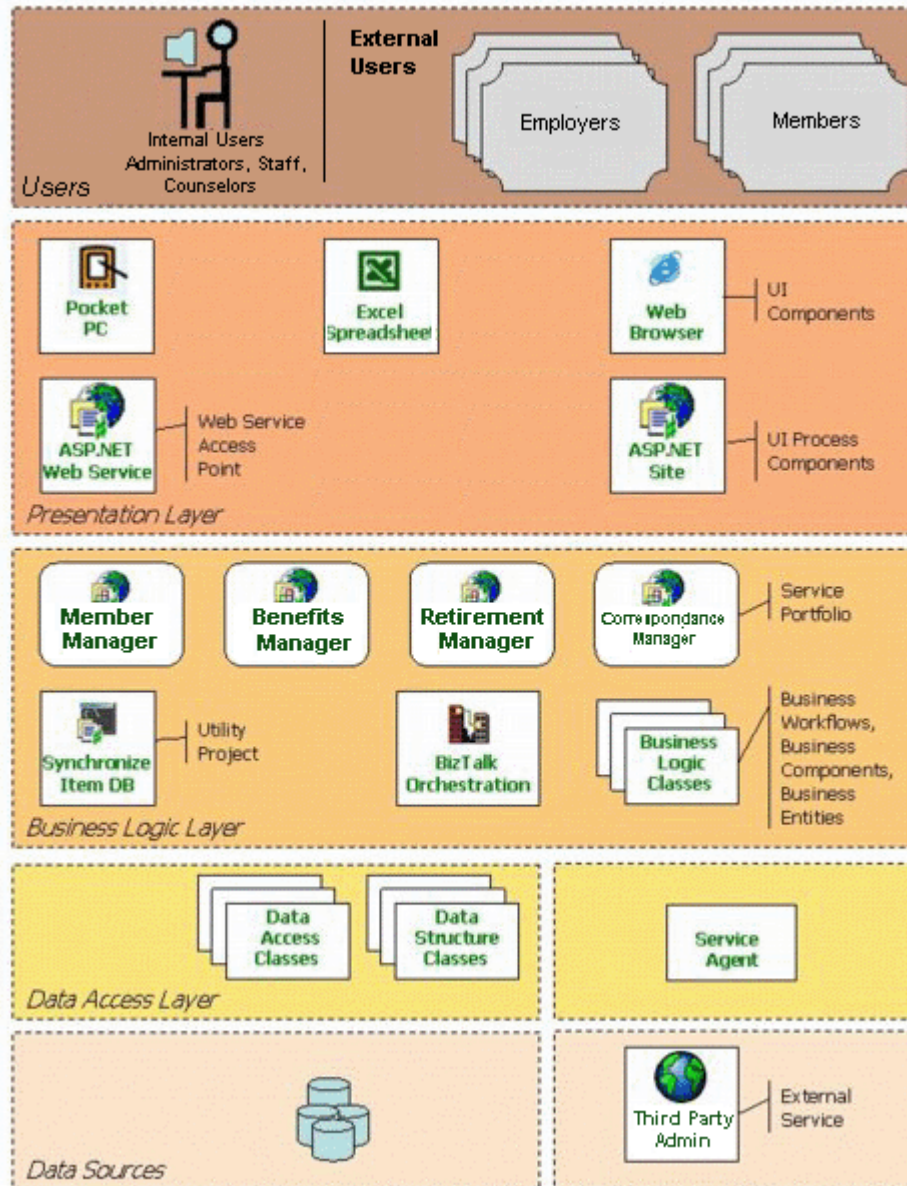
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# Service-Oriented Architecture

- Defines the use of loosely coupled software services to support the requirements of the business processes and software users
- Resources are made available as independent services that can be accessed without knowledge of their underlying platform implementation
- Not tied to a specific technology







# SOA Advantages

- Easier to learn; Easier to use
- Re-usable business modules
- Agile systems that are easily changed
- Security
- Integration
- Scalability



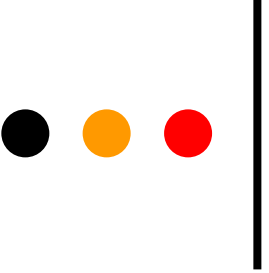
# Easier to learn; Easier to use

- Complex calculations are hidden from the users
- Business processes and knowledge are retained
- Business rules engine provides users with control – configuration can be accomplished without writing code



# Re-usable business modules

- Business functions are open & can be used by multiple applications
- Business functions are accessed the same way, no matter where they reside or move
- Modules can reside on any machine, anywhere in the world



# Agile systems that are easily changed

- Data and functionality are split into distinct layers, each of which can be maintained individually
- Loosely coupled – changes to one function will not adversely affect others
- Multiple components can be developed independently and simultaneously





# Security

- User interface is isolated from the rest of the program
- Different parts of the final application can have different security measures
- Example: UI can be separated from the business logic by a firewall



# Integration

- Enables old systems and new systems to communicate business data with each other
- Links internal applications to fulfill new or changing business requirements
- Enables external integration with business partners



# Scalability

- Applications can be spread across physical machines for availability and performance
- Multiple databases can reside on different platforms and physical machines



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- Our project delivery teams consist of professionals with significant public pension system experience
- We focus on implementing your unique vision on time, on target, and within budget



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