

SOA

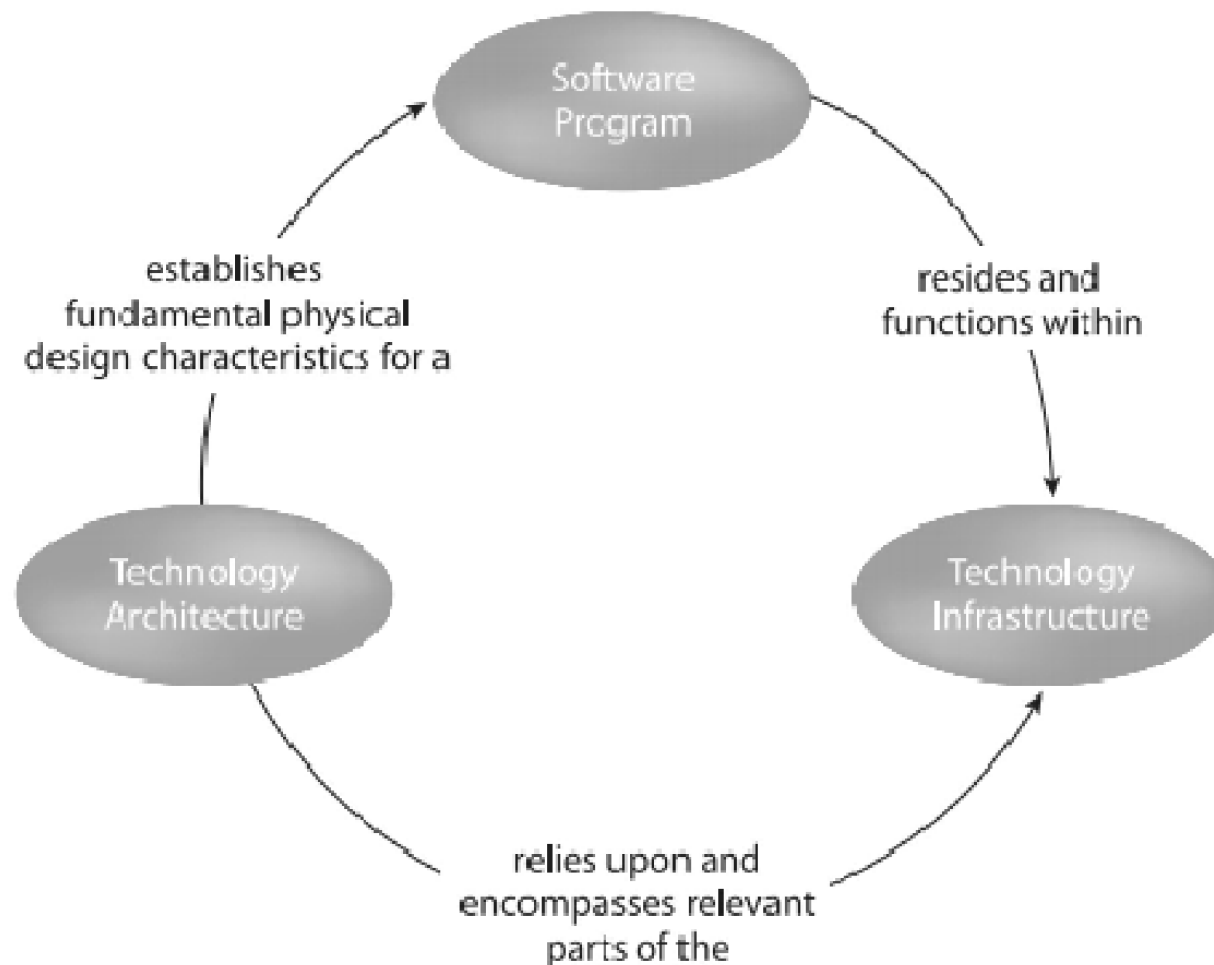


Sisteme Distribuite

Mihai Zaharia

Cursul 3

Terminologie - Arhitectura tehnologiei

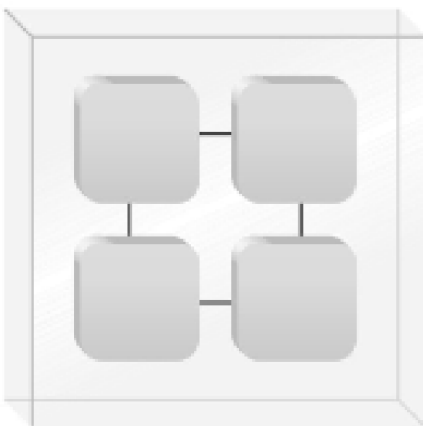


Tipurile arhitecturii tehnologiei

component
architecture



application
architecture



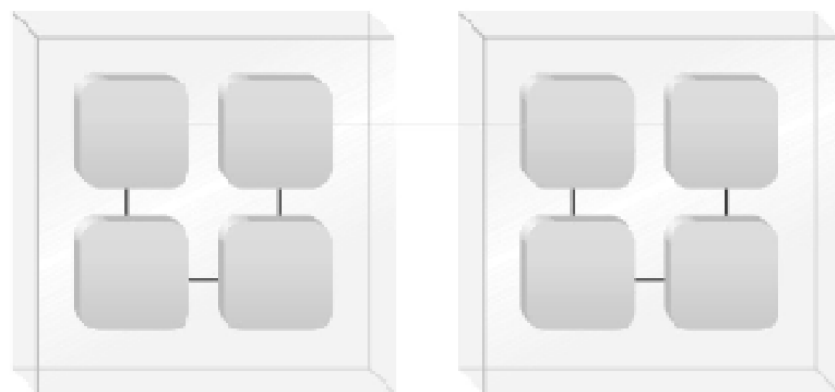
component
architecture
specification



application
architecture
specification

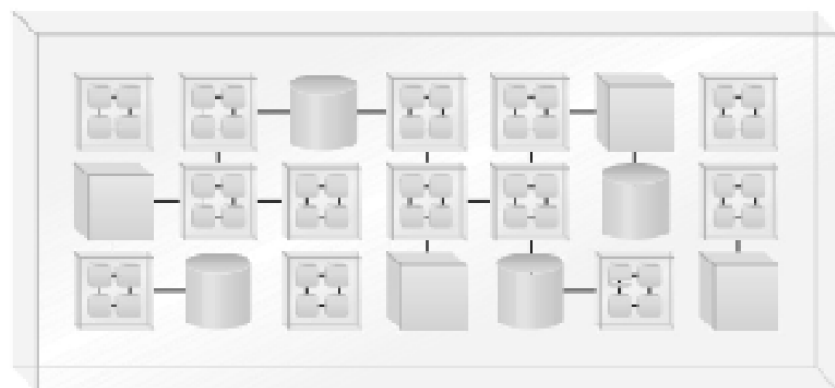
Tipurile arhitecturii tehnologiei

integration
architecture



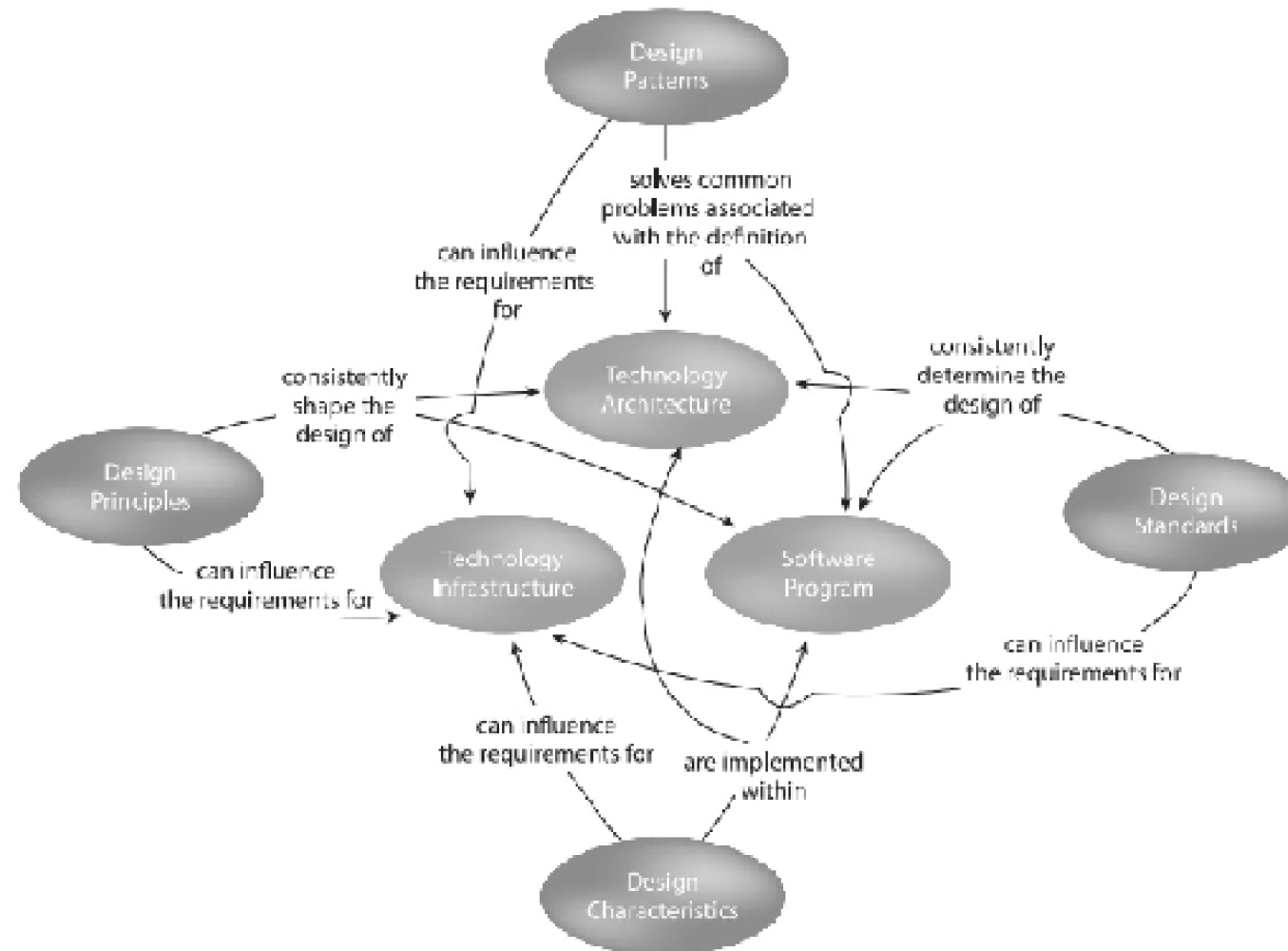
integration
architecture
specification

enterprise technology
architecture

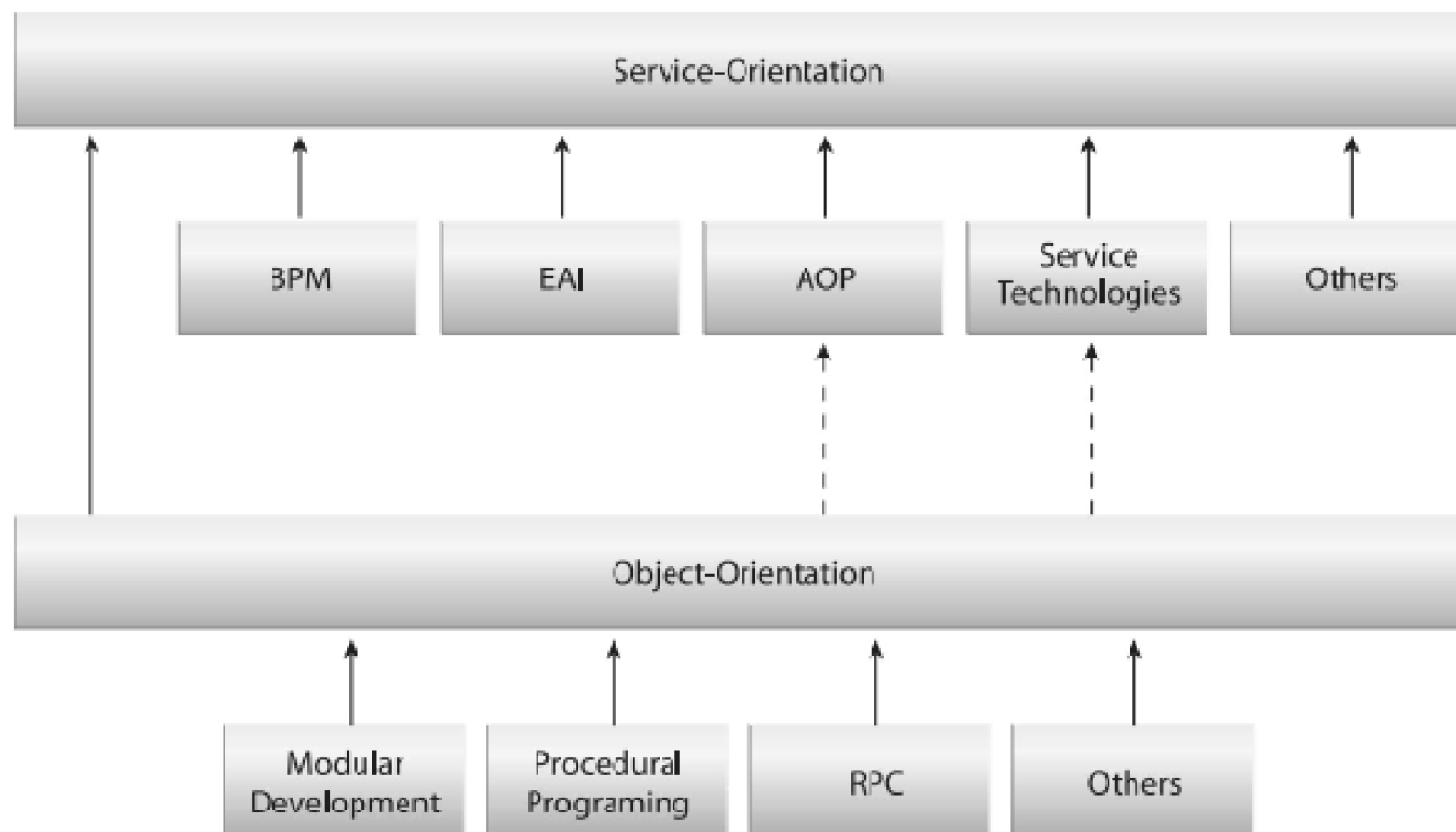


enterprise
architecture
specification

Relații între termenii discutați anterior



Arhitectura orientată pe servicii



Serviciu

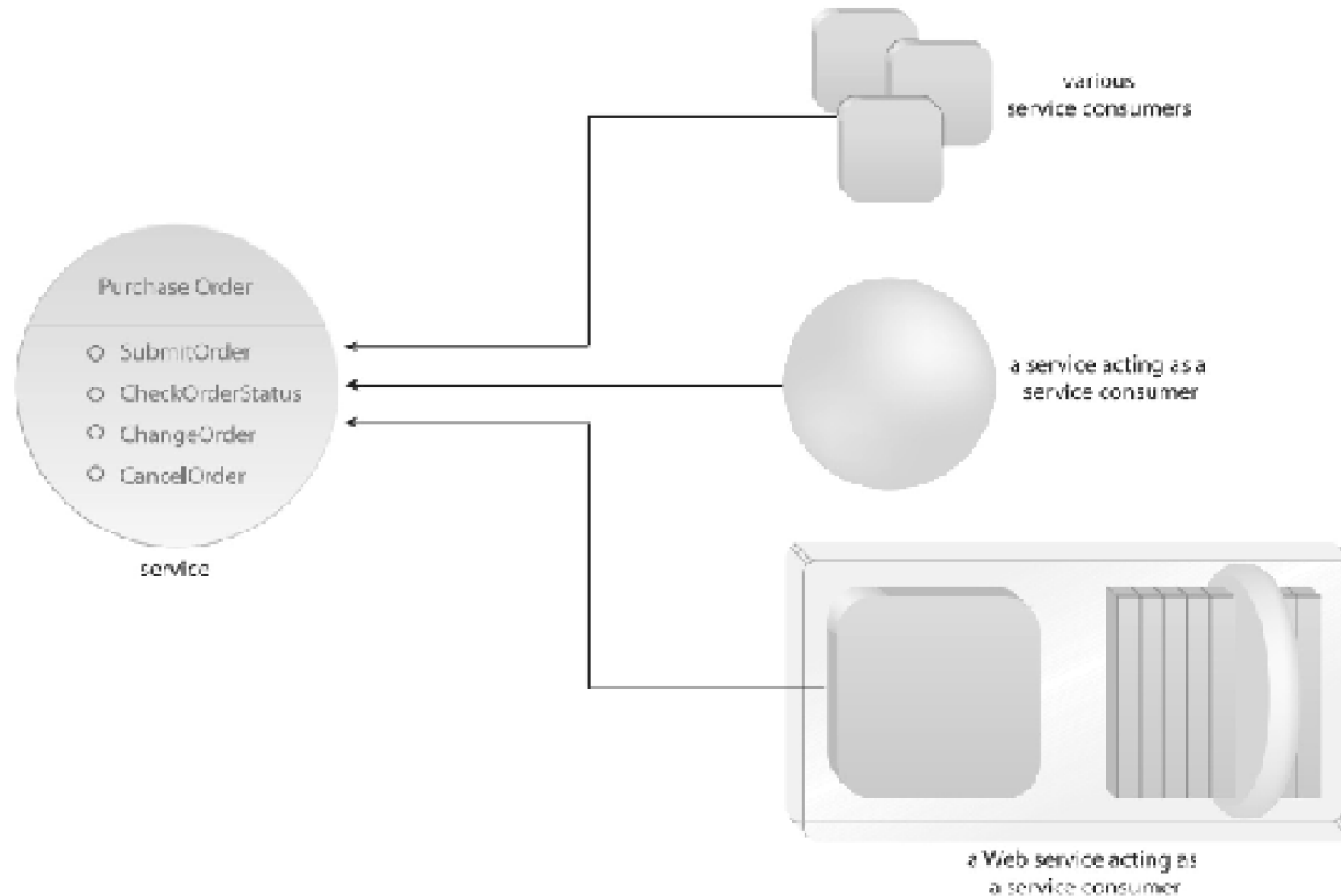
Purchase Order

- SubmitOrder
- CheckOrderStatus
- ChangeOrder
- CancelOrder

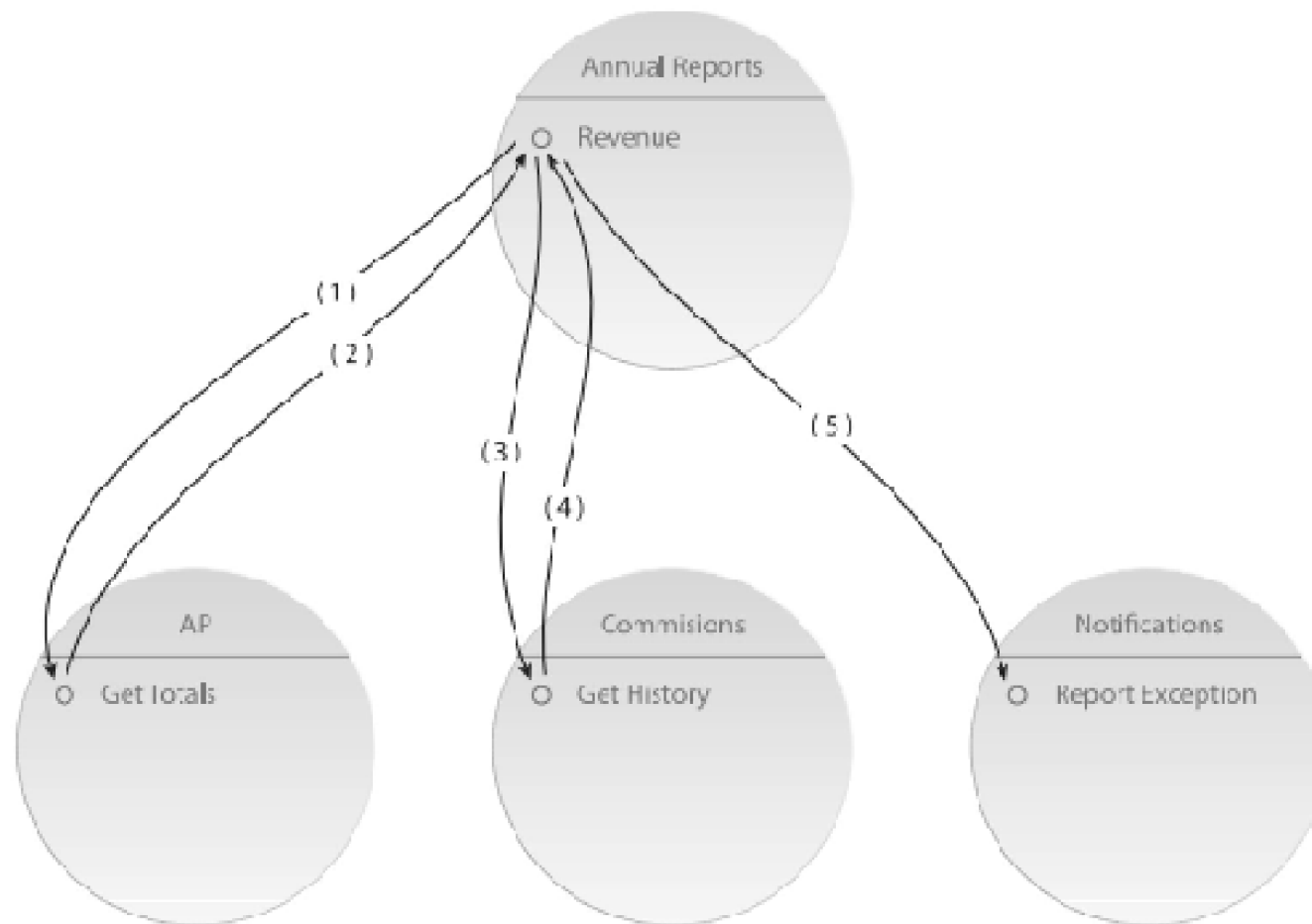
SWOT SOA - Avantaje

- **Reutilizarea serviciilor**
- **Usor de menținut**
- **Independente platformă**
- **Disponibilitate**
- **Fiabilitate**
- **Scalabilitate**

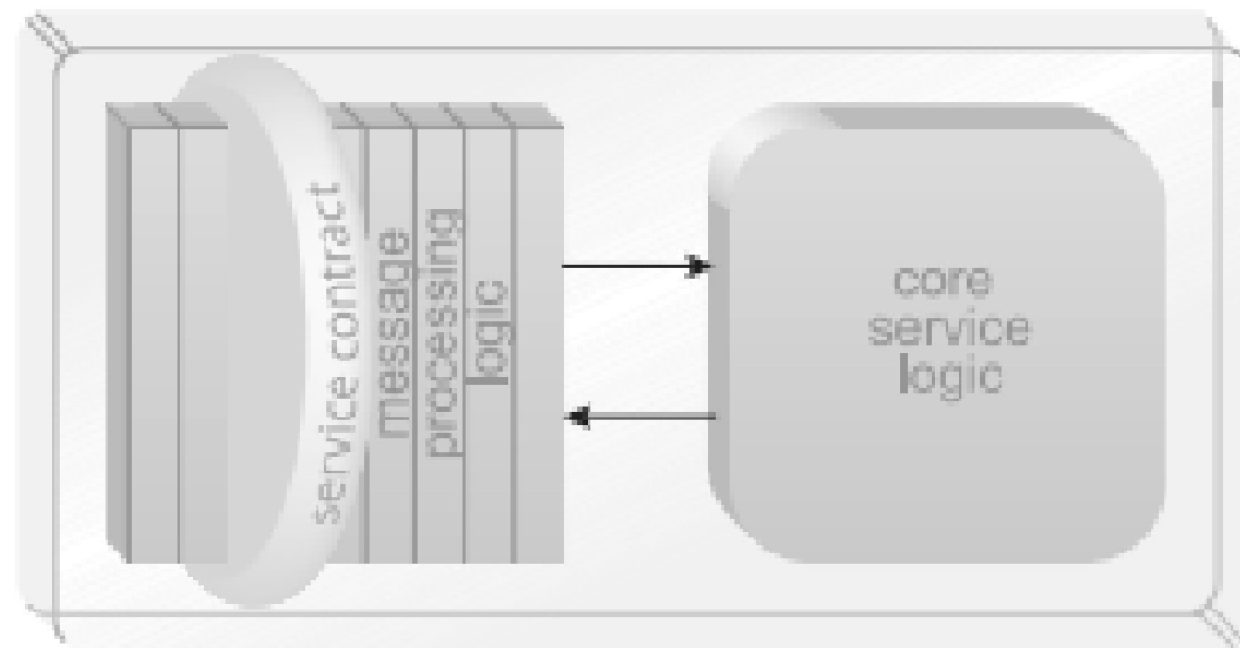
Utilizatorul/Beneficiarul/Consumatorul Serviciului



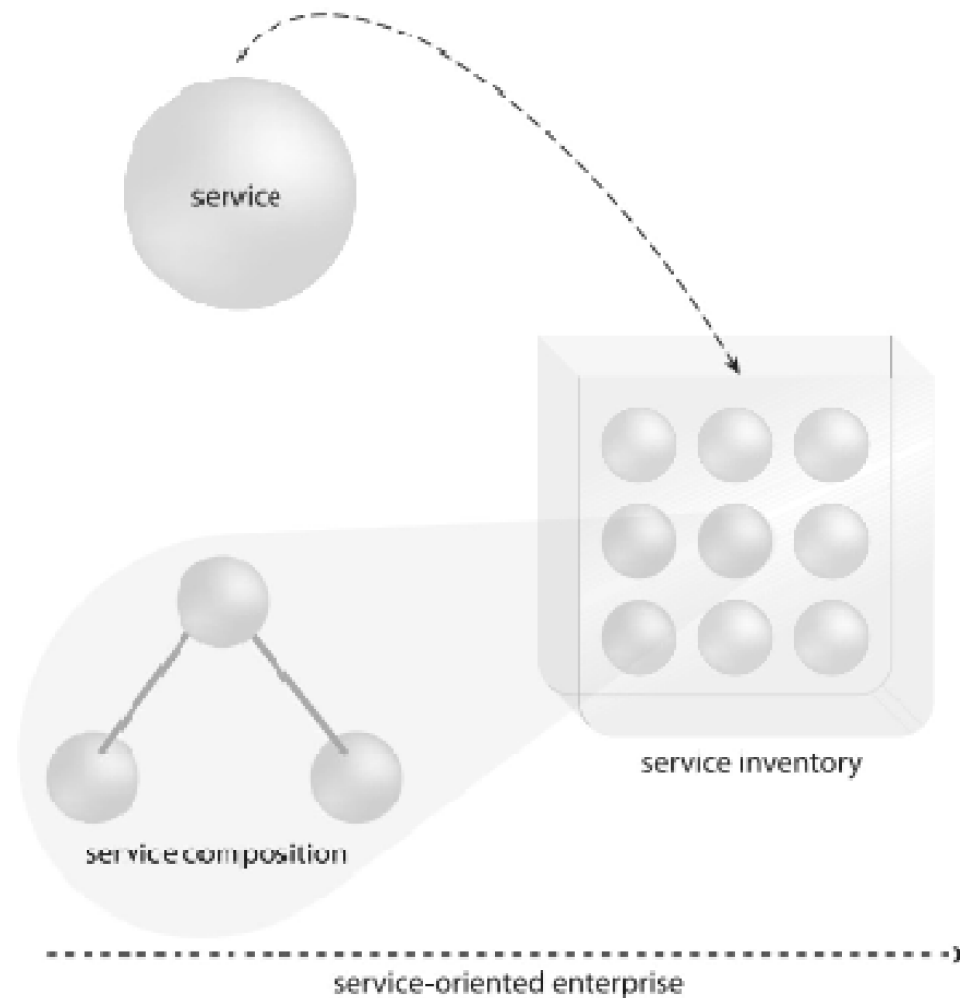
Compunerea Serviciilor



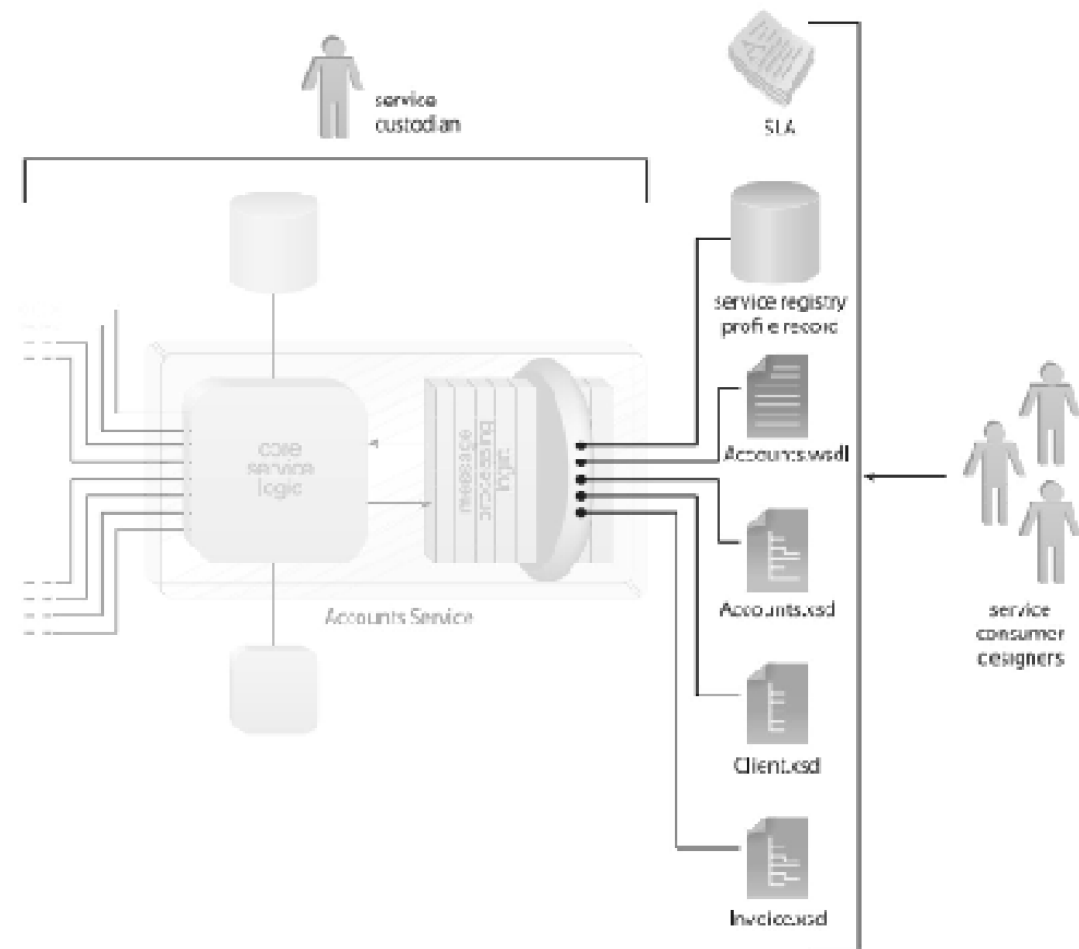
Servicii Web



Cele patru tipuri comune de SOA



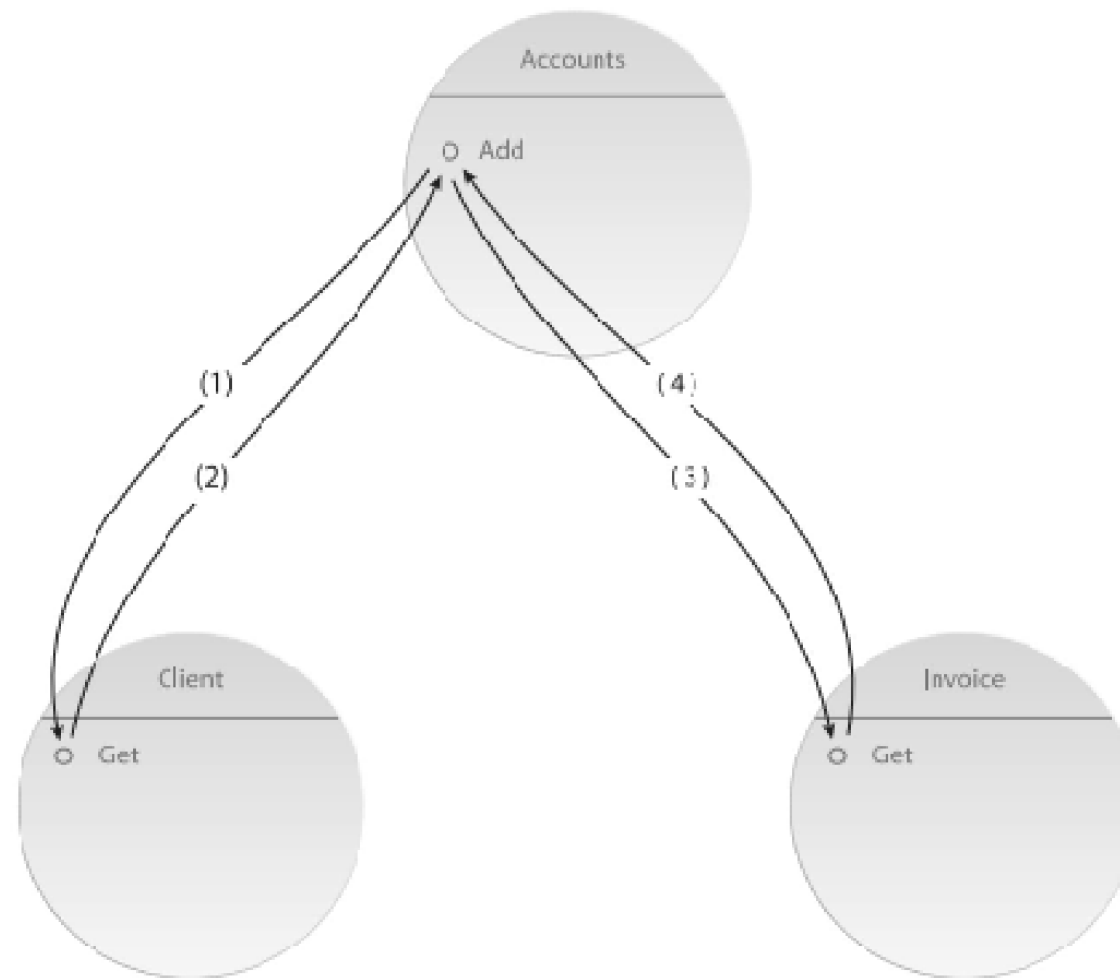
Detalii



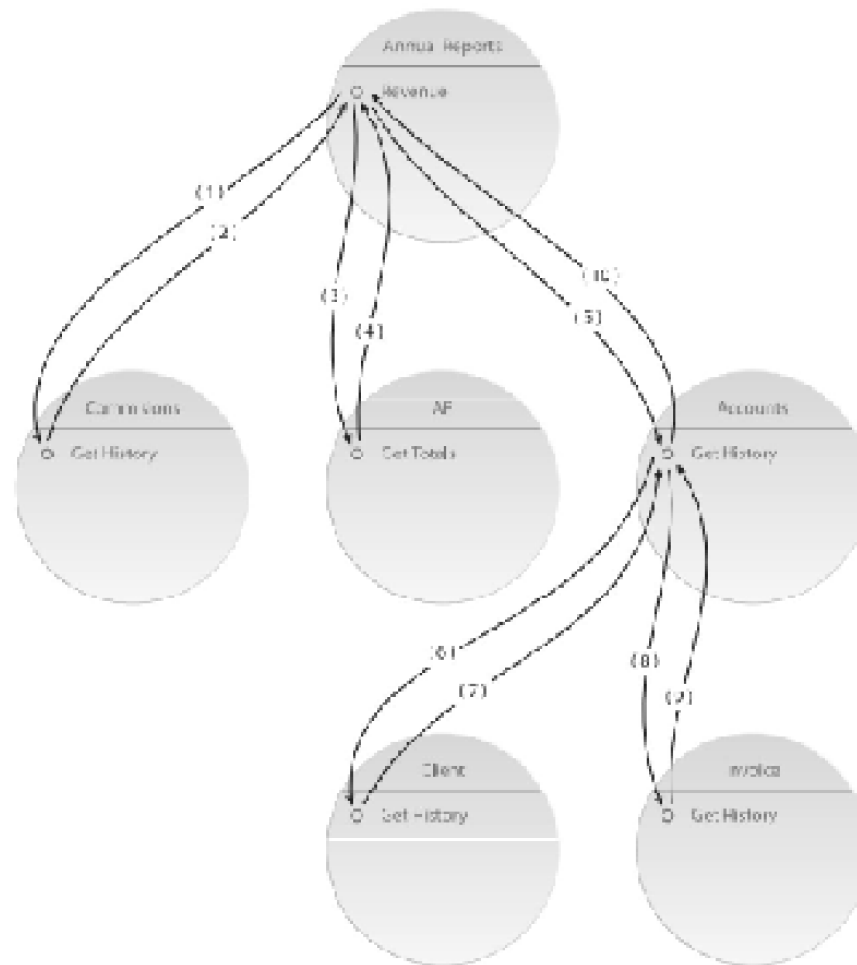
Abilitățile/functionalitățile unui serviciu



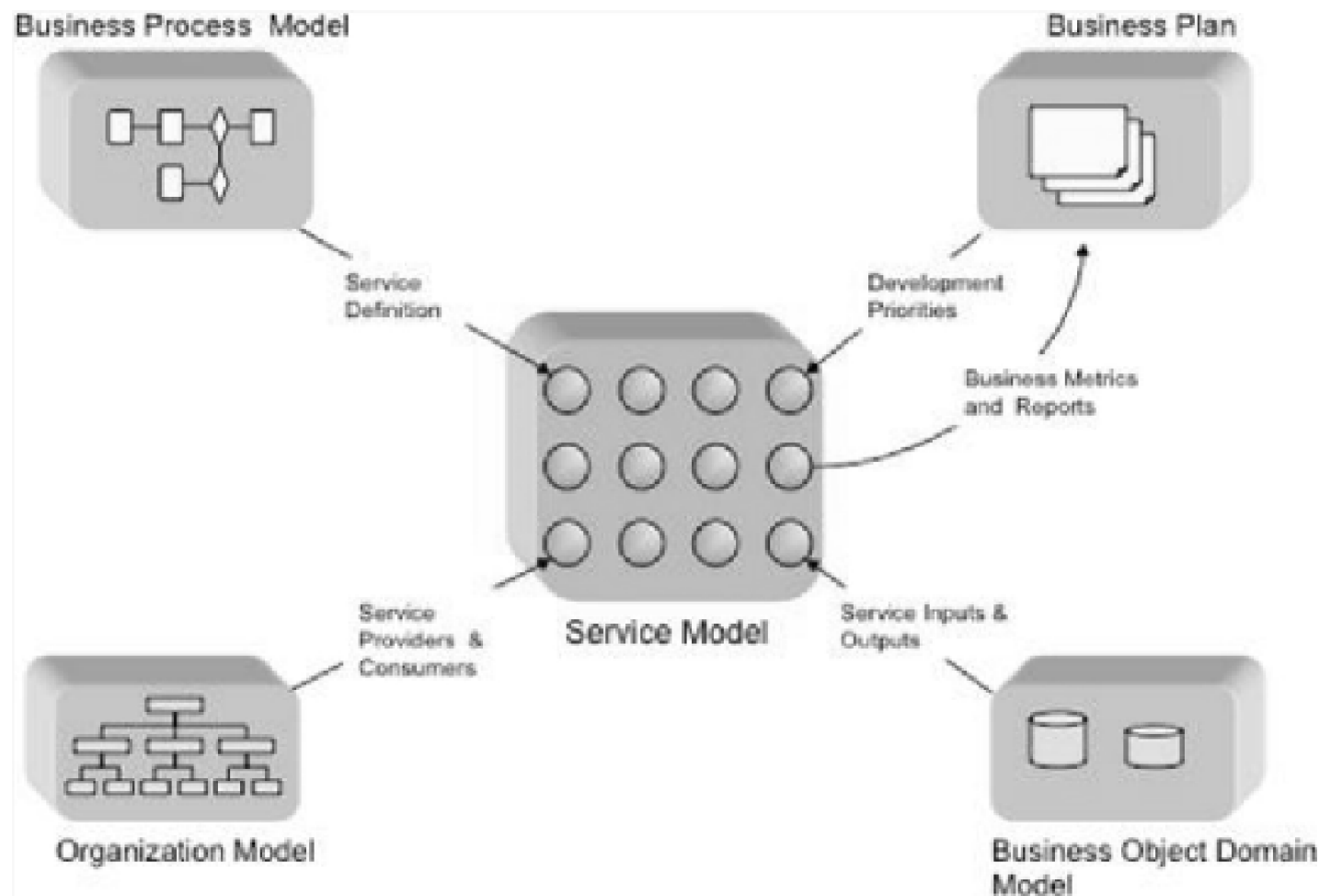
Arhitectura pentru compunerea serviciilor



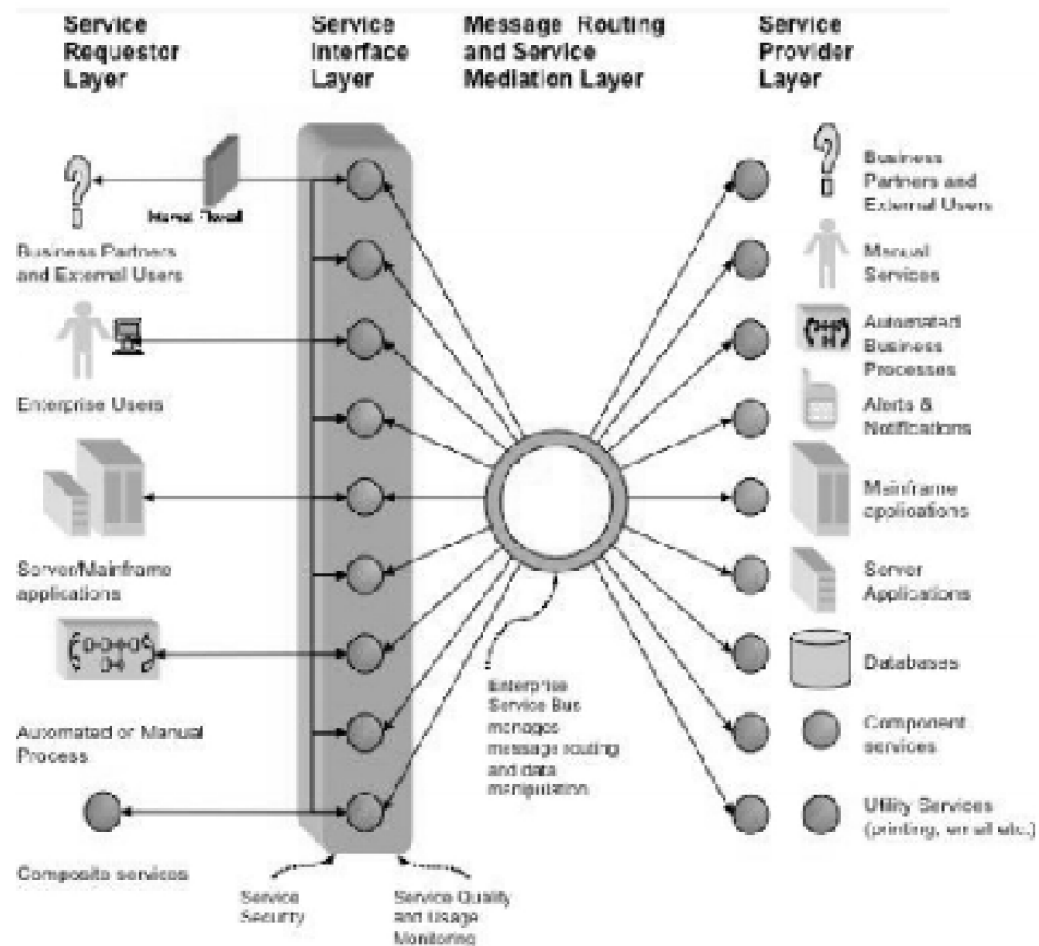
Compunere recursiva (Nested)



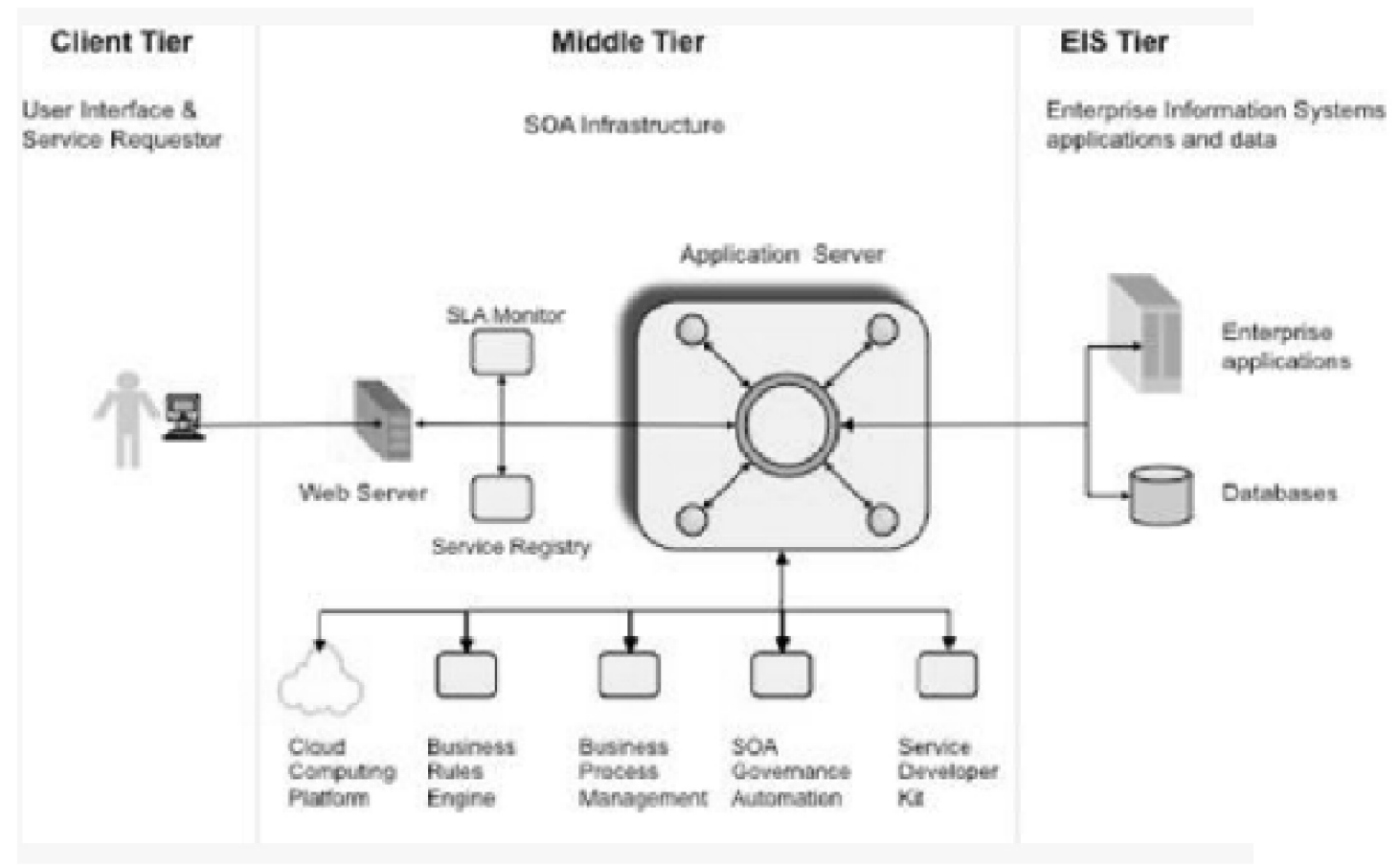
Relatiile între întreprindere și modelul creat și implementat utilizand SOA



Relațiile dintre clienți și furnizori de servicii implementate pe baza SOA și a arhitecturii multinivel



Dacă se implementează arhitectura clasică pe trei nivele



SOA - subset al întreprinderii

