

**Infrastructure Architecture:**  
**Network Domain Diagram - Level 2 - Domains & Device Types**    Revised Date: 20/04/2006

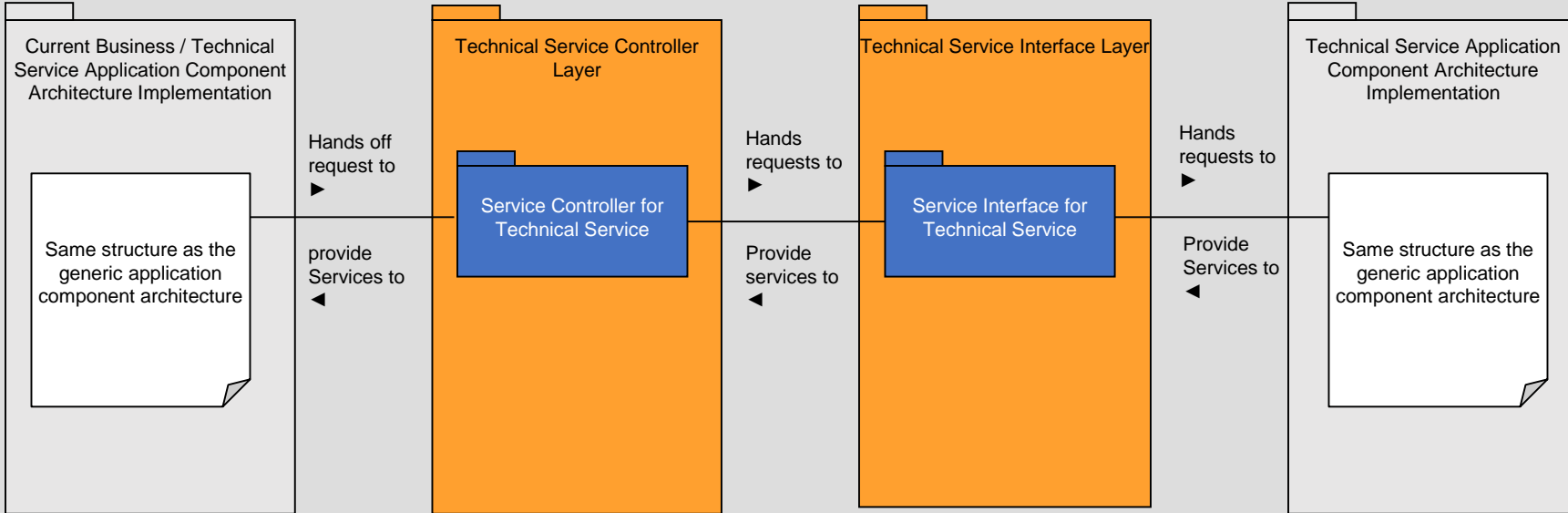
User

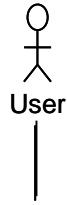
Timer

Other System

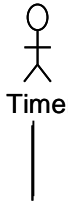
request services from ▼

### Technical Service Access Pattern

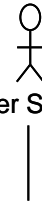




User



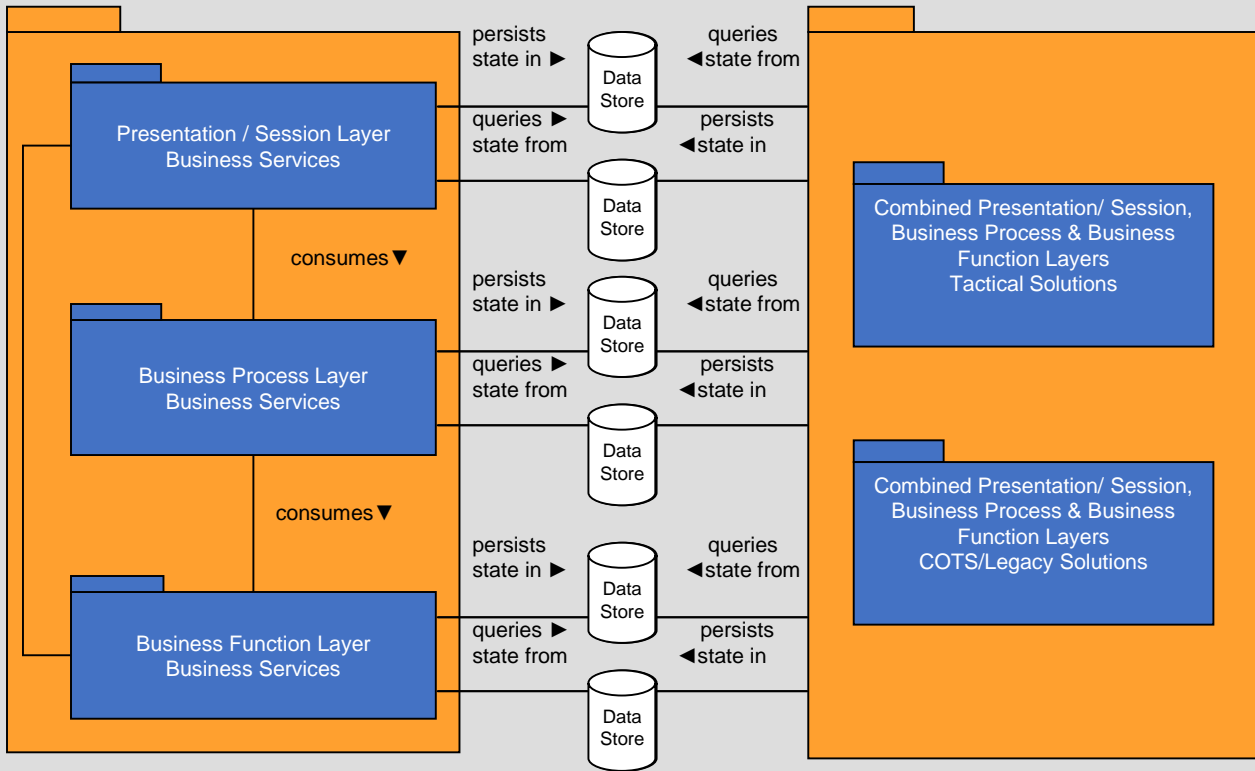
Timer



Other System

request services from ▼

### Application Component Architecture



Process Layer

<<package>>  
Control Draft Application  
– populate application  
for electronic submission

<<package>>  
Control Register Queries –  
search  
an Agency Register and  
view the results

<<package>>  
Control Scanning - convert  
paper  
document to image and  
metadata

<<package>>  
Control Application Creation  
–  
validate and create  
Agency application

<<package>>  
Control Application  
Processing – settle  
Land Register application

<<package>>  
Control eForm Completion –  
populate  
application for paper/  
e-mail submission

<<package>>  
Control Document Despatch  
– despatch  
certificates and documents  
to customers

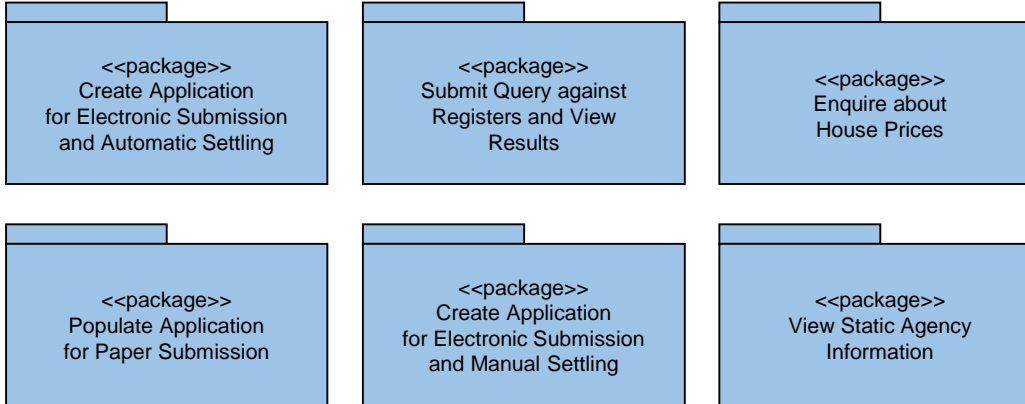
<<package>>  
Control Management  
Reporting – report on  
management information

<<package>>  
Control Administration  
Processes –  
various processes to  
administer the BSA

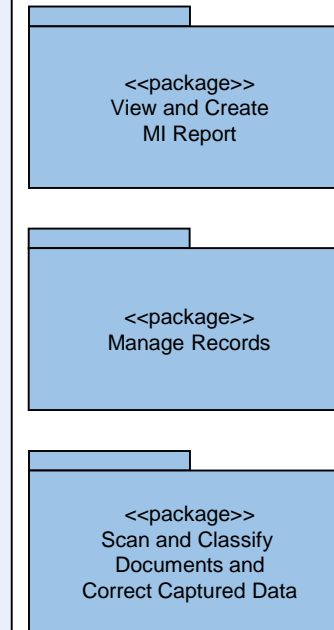
<<package>>  
Control Batch Processes –  
various batch processes  
to support the BSA

Presentation and Session Layer

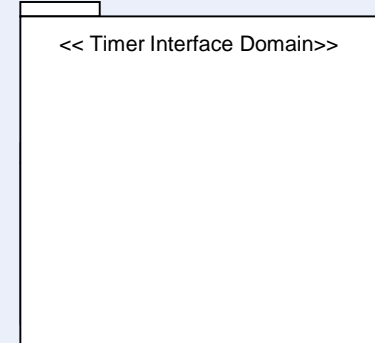
<<Externally Facing User Application Domain>>



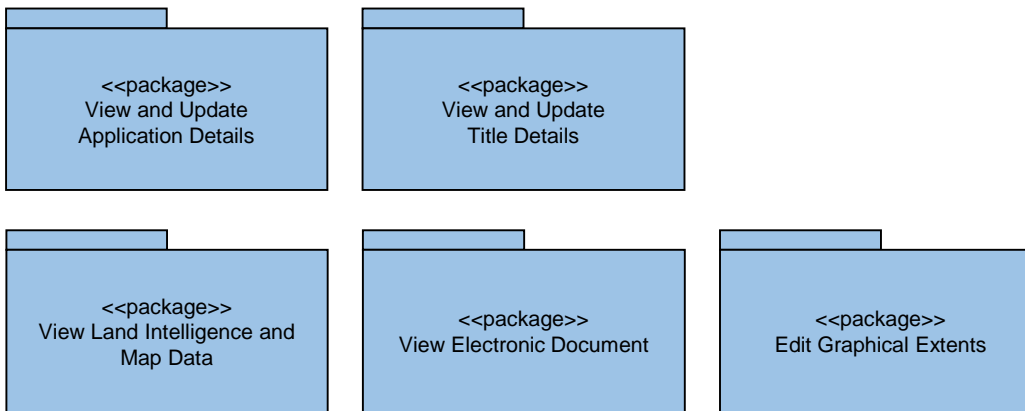
<<Internal COTS Presentation & Session Domain>>



<< External System Interface Domain>>



<<Internal Facing User Application Domain>>



Function Layer

<<package>>  
Place Management

<<package>>  
Place –  
gazetteer of own-able  
locations (RAG)

<<package>>  
Case Management

<<package>>  
Casework – manage a  
case from start to  
finish

<<package>>  
Stamp Duty Land Tax –  
calculate and inform

<<package>>  
Lender – validate lender  
details and inform lenders  
of completed applications

<<package>>  
Application Form –  
capture and review  
data from app. forms

<<package>>  
Fees and Payments -  
calculate fees and  
interface with finance

<<package>>  
Deed – capture and  
maintain deeds and  
clauses

<<package>>  
Document – manage the  
business context for  
documents and certificates

<<package>>  
Party Management

<<package>>  
Party Identity – “gazetteer”  
of people/organisations

<<package>>  
Legal Entity – maintain  
groups of one or more  
parties in a register

<<package>>  
Agent – maintain  
customer data

<<package>>  
Land Register Management

<<package>>  
Title – retrieve details,  
settle application and  
create certificates

<<package>>  
Title Extent –  
maintain and retrieve  
spatial element of title

<<package>>  
Register Management

<<package>>  
Presentment Book –  
record presentment of  
deeds and retrieve

<<package>>  
Minute Book – summarise  
deeds and retrieve

<<package>>  
Search Sheet Index –  
search and retrieve  
SSI images

<<package>>  
Registers Management

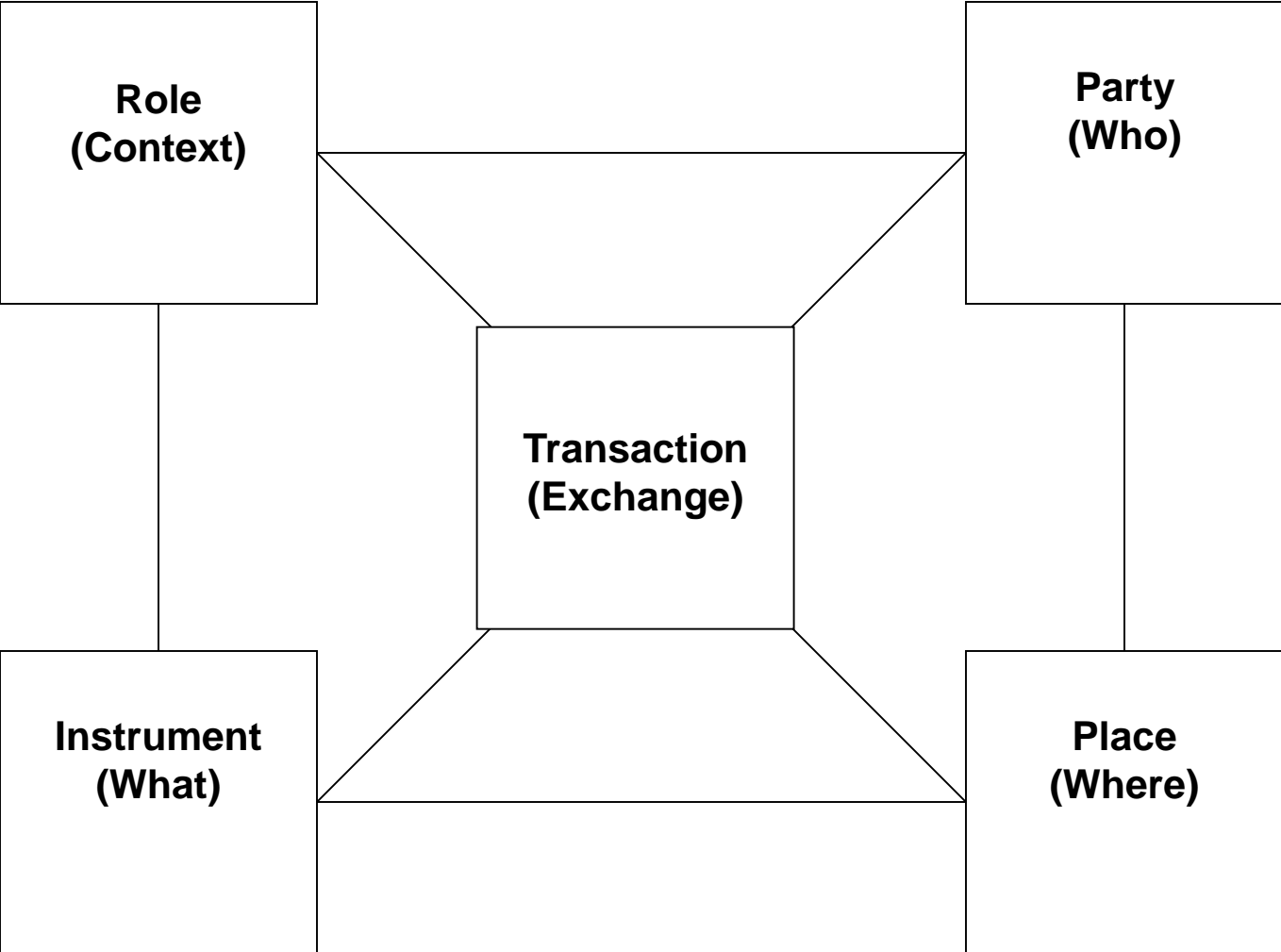
<<package>>  
Inhibition – record and  
retrieve inhibitions

<<package>>  
Judgement – record and  
retrieve judgements

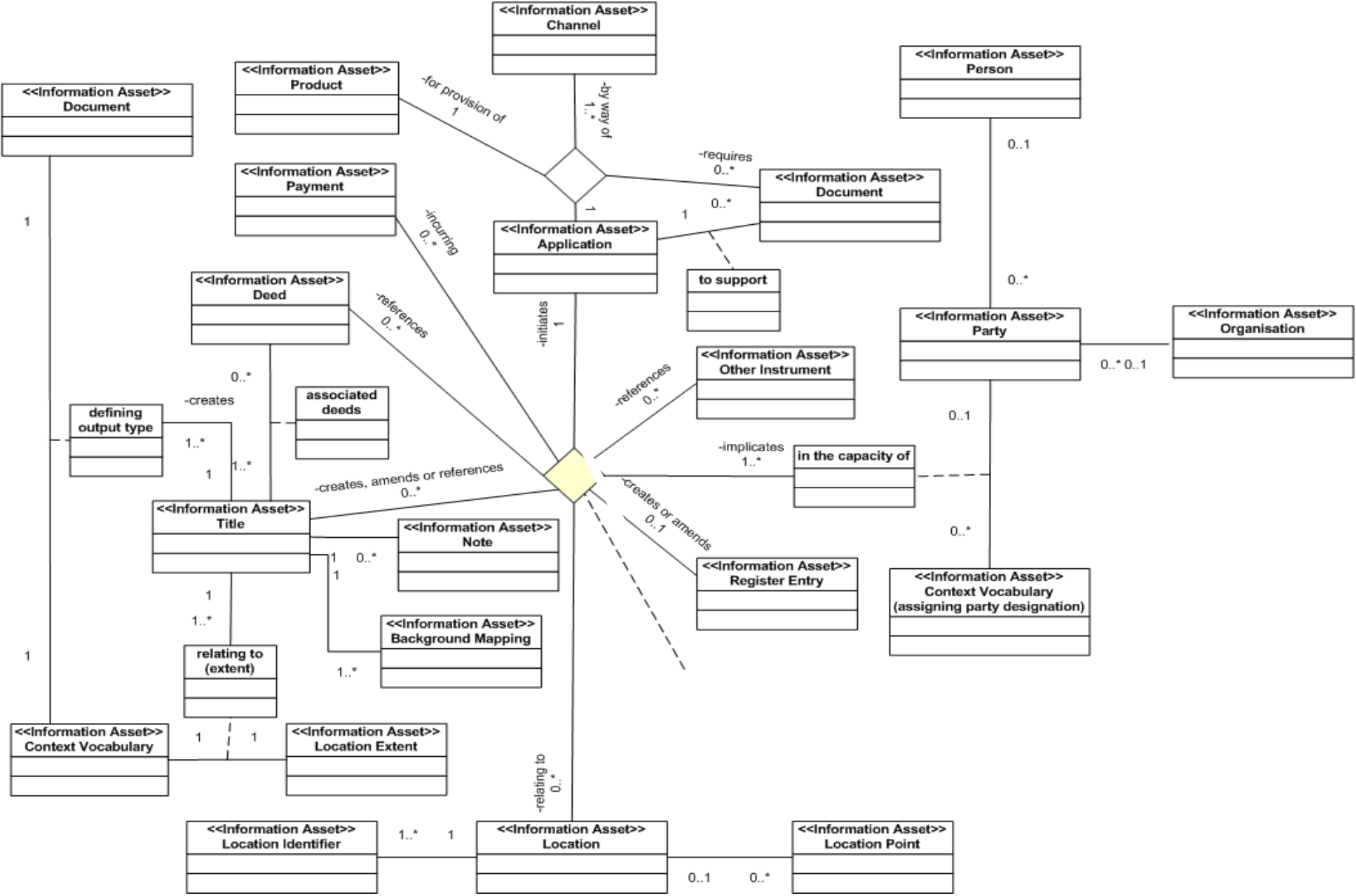
<<package>>  
Book of record and  
retrieve legal documents



# Core Type Model



# Information Asset Model



# Software Architecture Patterns

