

Real Estate Business Enterprise Architecture Reference Model

地产行业企业架构参考模型

Version 1, Jan 2014
by Rico Chiang


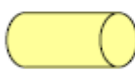
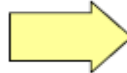
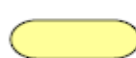





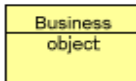






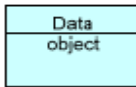
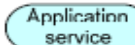

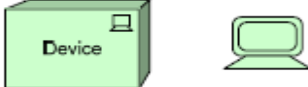

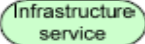


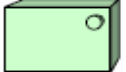


1. Objectives 目的

- 1.1 To appreciate the usability of Archimate (please refer section 5)
检测 Archimate 的可用性 (请参照第 5 部份)
- 1.2 To develop a Real Estate Industry Enterprise Architecture Reference Model for sharing and discussion
开发一个地产行业企业架构参考模型以供分享及讨论
- 1.3 To understand the application system needs of real estate industry
认识地产行业的应用系统需求

2. Disclaimer 免责声明

- 2.1 This model is not supposed to be comprehensive and accurate.
不能假定此模型为完整及准确。
- 2.2 The usage of Archimate or BPMN notations in this model is not guaranteed to be compliant with respective rules and grammar.
Archimate 或 BPMN 符号的使用不保证符合其个别语法或规则。
- 2.3 The style of this model does not necessarily follow industry best practices.
此模型的风格不一定跟随业界的最佳实践。
- 2.4 This model was developed base on common business practices in Hong Kong and PRC and may not be applicable in other part of the world.
此模型根据香港及中国大陆业务惯例开发，不一定适用于其它地方。

ArchiMate Core

	Structural Concepts				Behavioral Concepts				Informational Concepts	
Business	Business actor		Business role		Business process		Business service		Representation	Product
	Business collaboration		Business interface		Business function		Business event		Meaning	Contract
	Location		Business object		Business interaction				Value	
Application	Application component		Application collaboration		Application function		Application interaction			
	Application interface		Data object		Application service					
Technology	Node		Device		Infrastructure function		Infrastructure service		Artifact	
	Network		System software							
	Communication path		Infrastructure interface							

ArchiMate is an enterprise architecture modeling language developed by the Open Group. Please refer www.opengroup.org for details.
ArchiMate 是 Open Group 开发之企业架构建模语言, 详情请参考 www.opengroup.org

3. Business Architecture 业务架构

3.1 Organization View 组织构成视图

3.2 Product View 产品视图

3.3 Process View 业务流程视图

3.4 Services Realization View 服务实现视图

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3.2 Product View 产品视图

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3.4 Services Realization View 服务实现视图

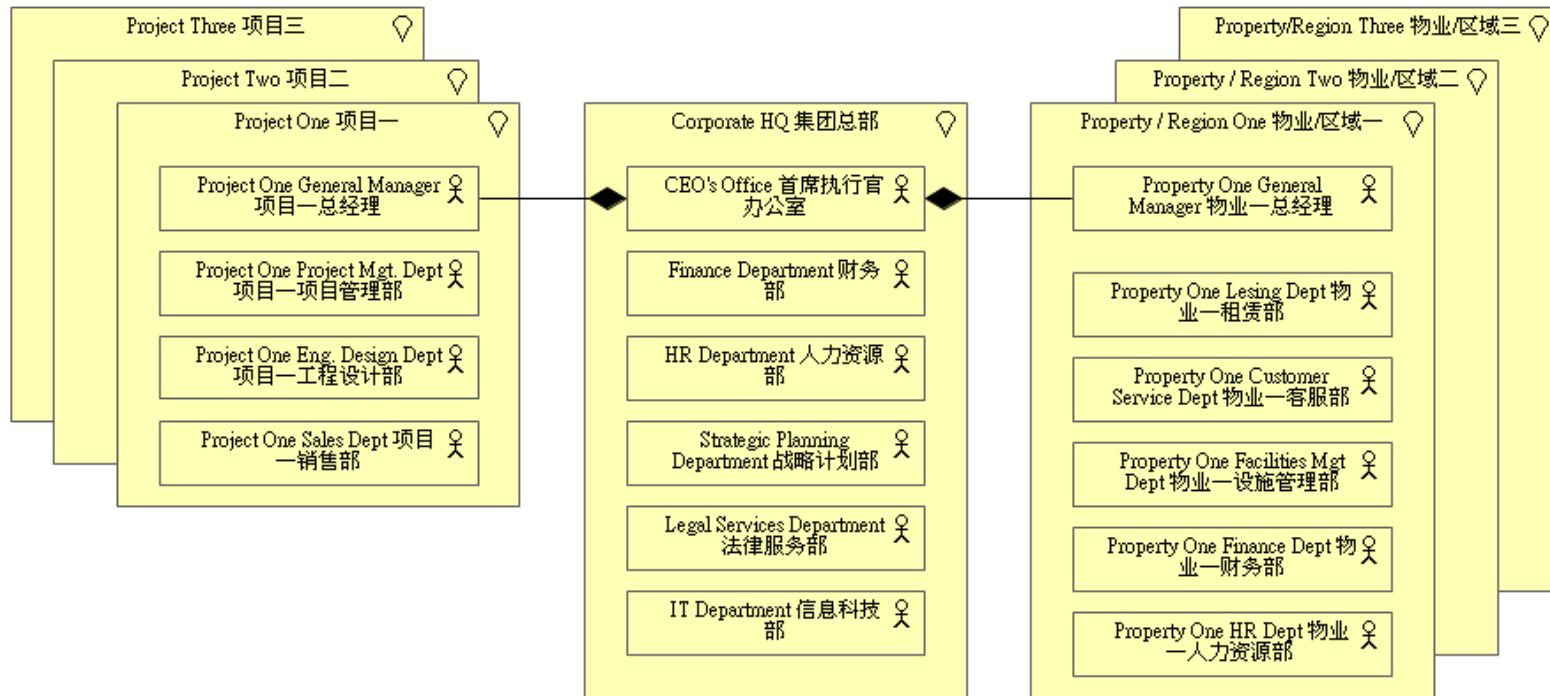
3. Business Architecture 业务架构

3.1.1 Customer Organization 顾客构成



3. Business Architecture 业务架构

3.1.2 Group Organization 集团组织



3. Business Architecture 业务架构

3.1 Organization View 组织构成视图

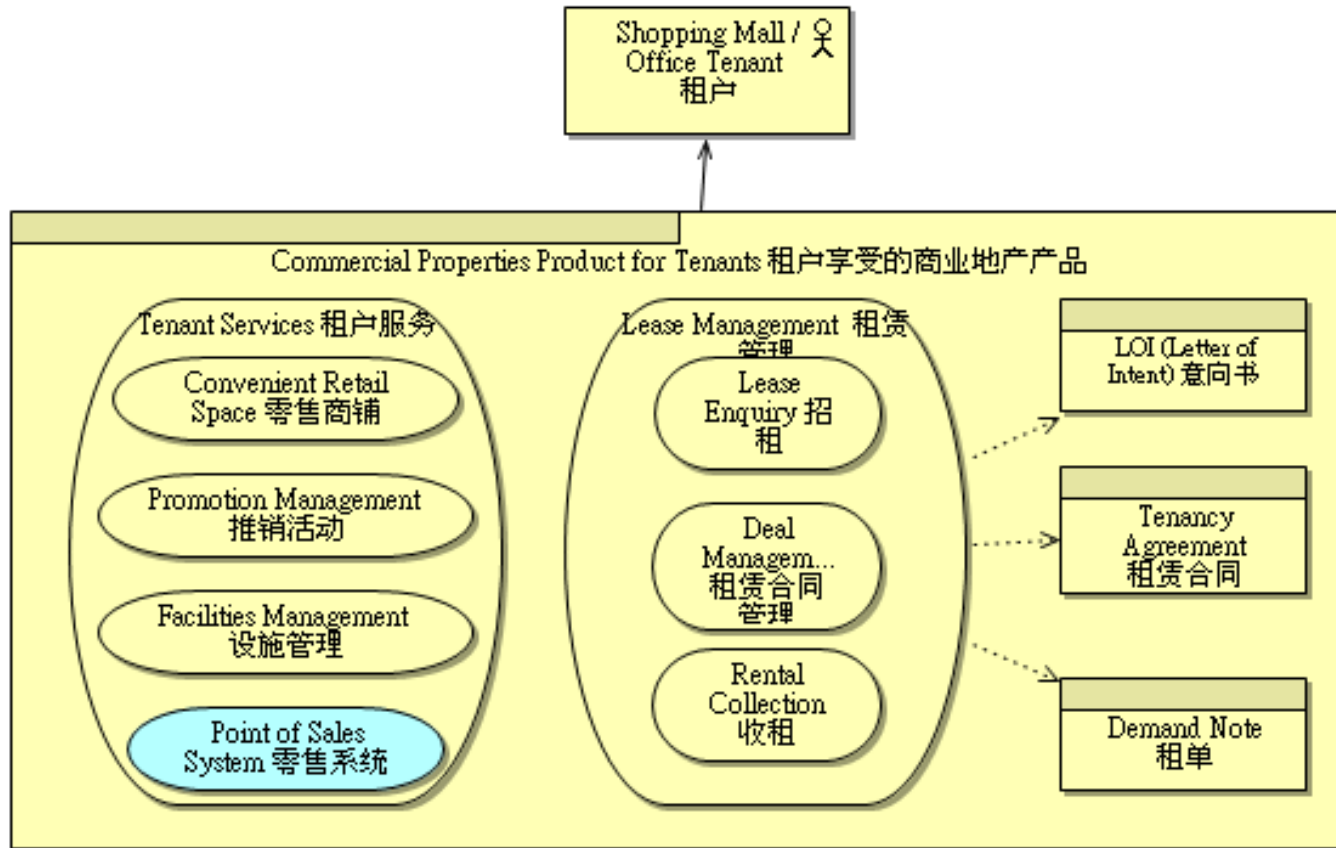
3.2 Product View 产品视图

3.3 Process View 业务流程视图

3.4 Services Realization View 服务实现视图

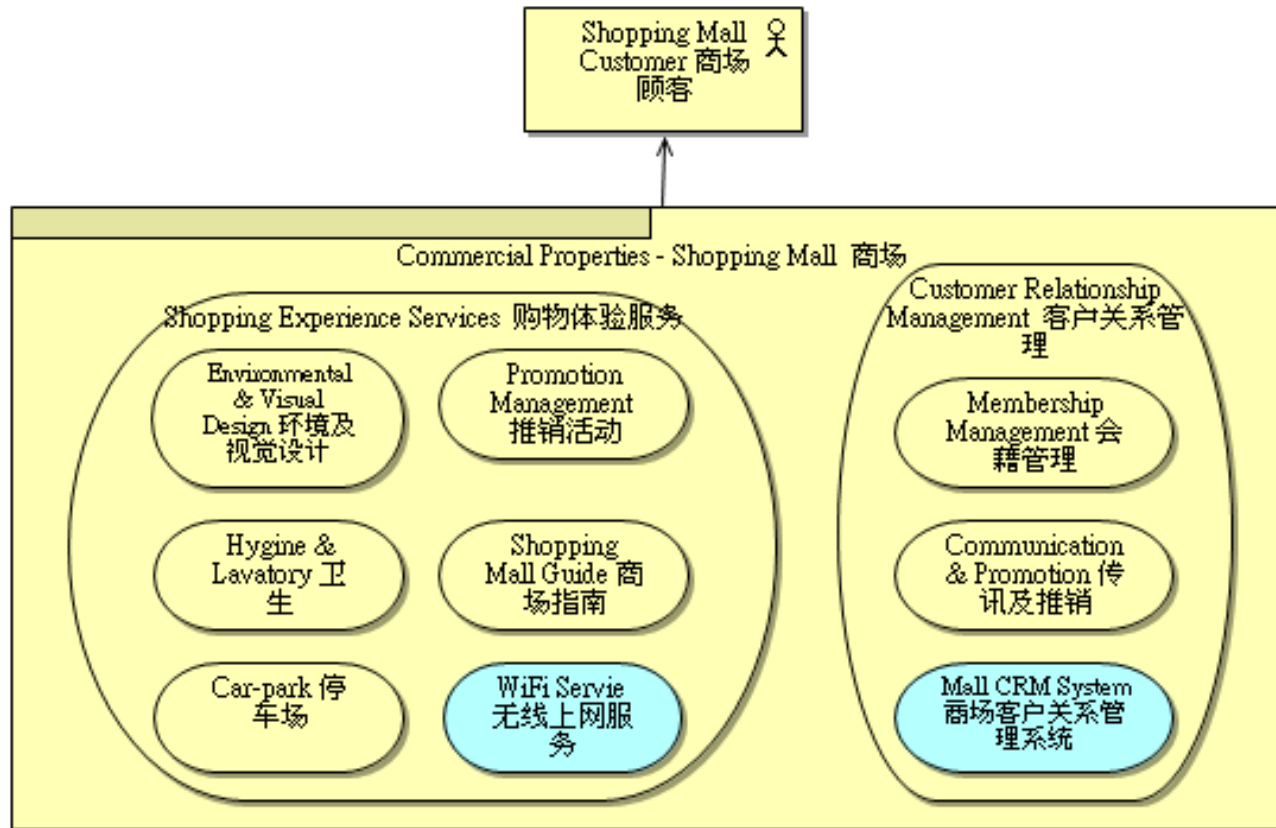
3. Business Architecture 业务架构

3.2.1 Product: Mall / Office Tenants' Viewpoint 产品: 租户视角



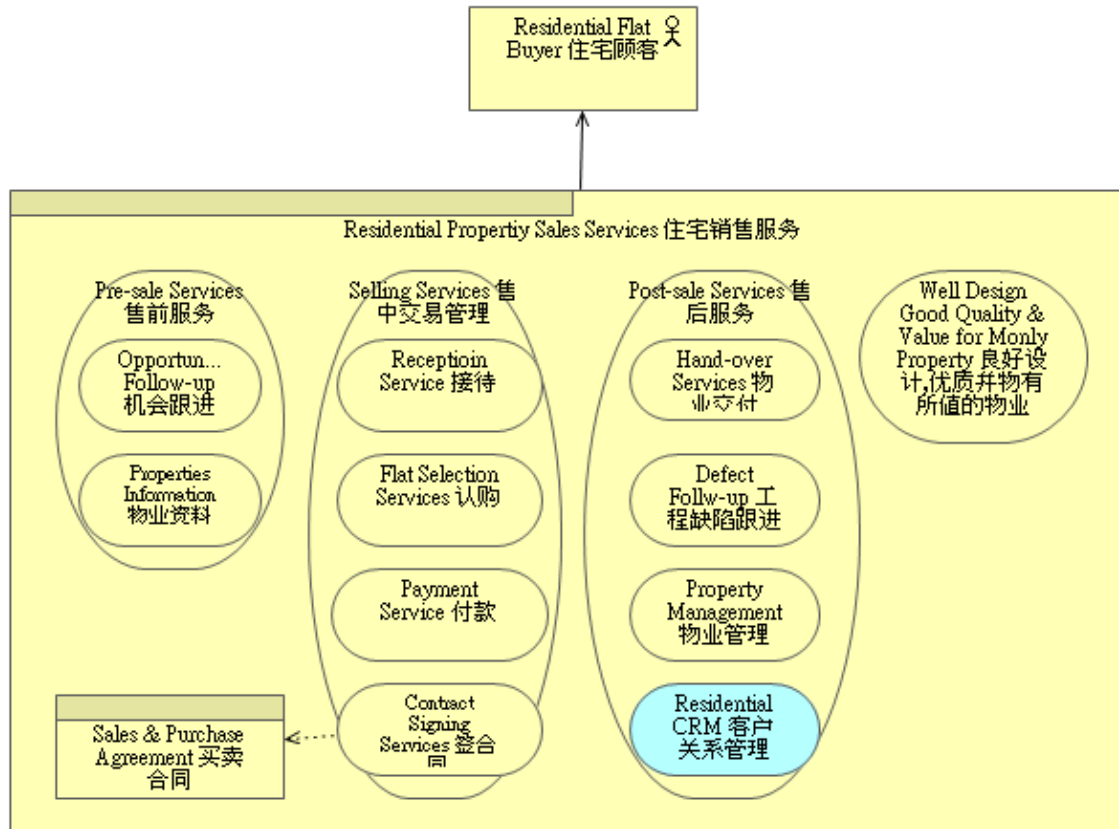
3. Business Architecture 业务架构

3.2.2 Product: Shopping Mall Customer Viewpoint 产品:商场顾客视角



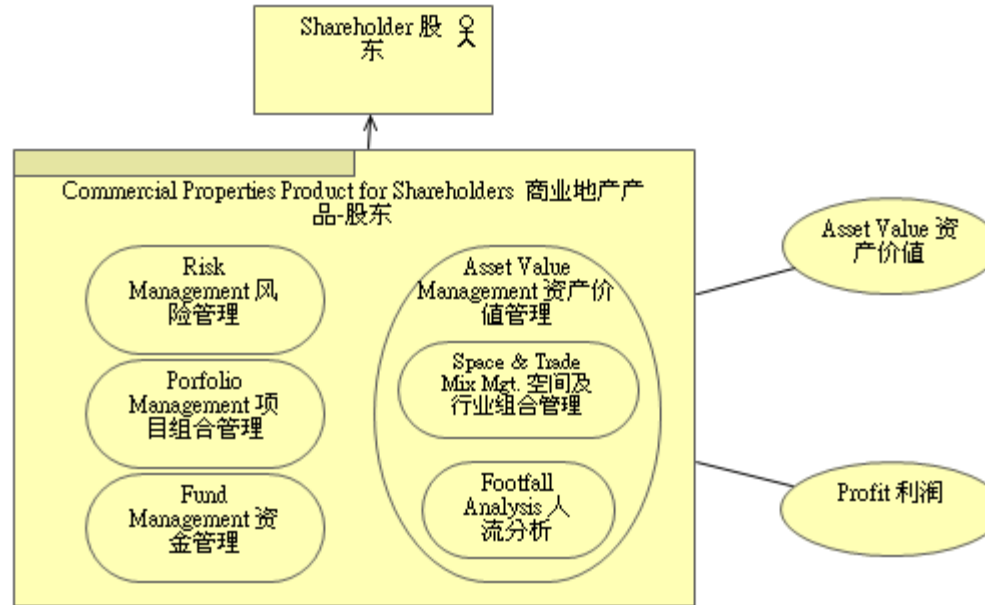
3. Business Architecture 业务架构

3.2.3 Product: Residential Properties Buyer Viewpoint 产品:住宅顾客视角



3. Business Architecture 业务架构

3.2.4 Product: Shareholders Viewpoint 产品:股东视角



3. Business Architecture 业务架构

3.1 Organization View 组织构成视图

3.2 Product View 产品视图

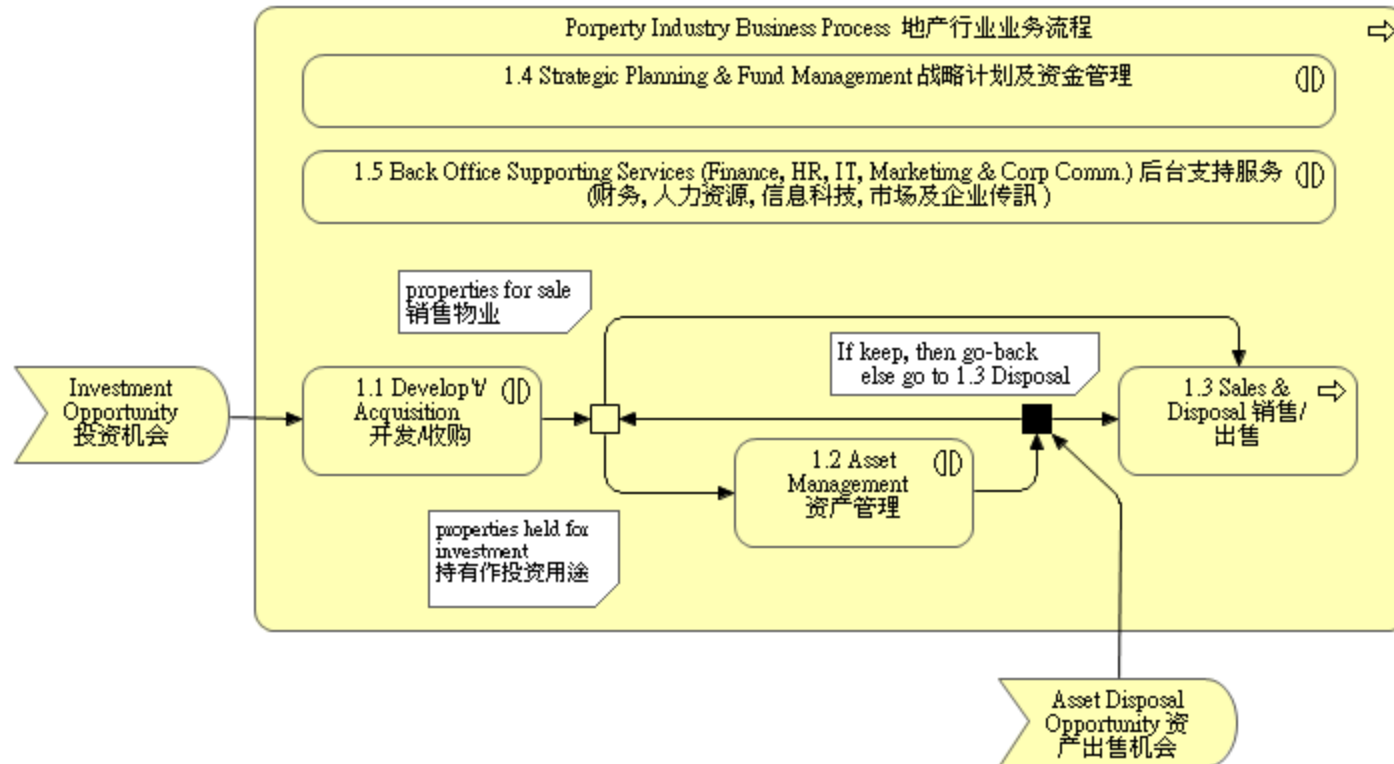
3.3 Process View 业务流程视图

3.4 Services Realization View 服务实现视图

3. Business Architecture 业务架构

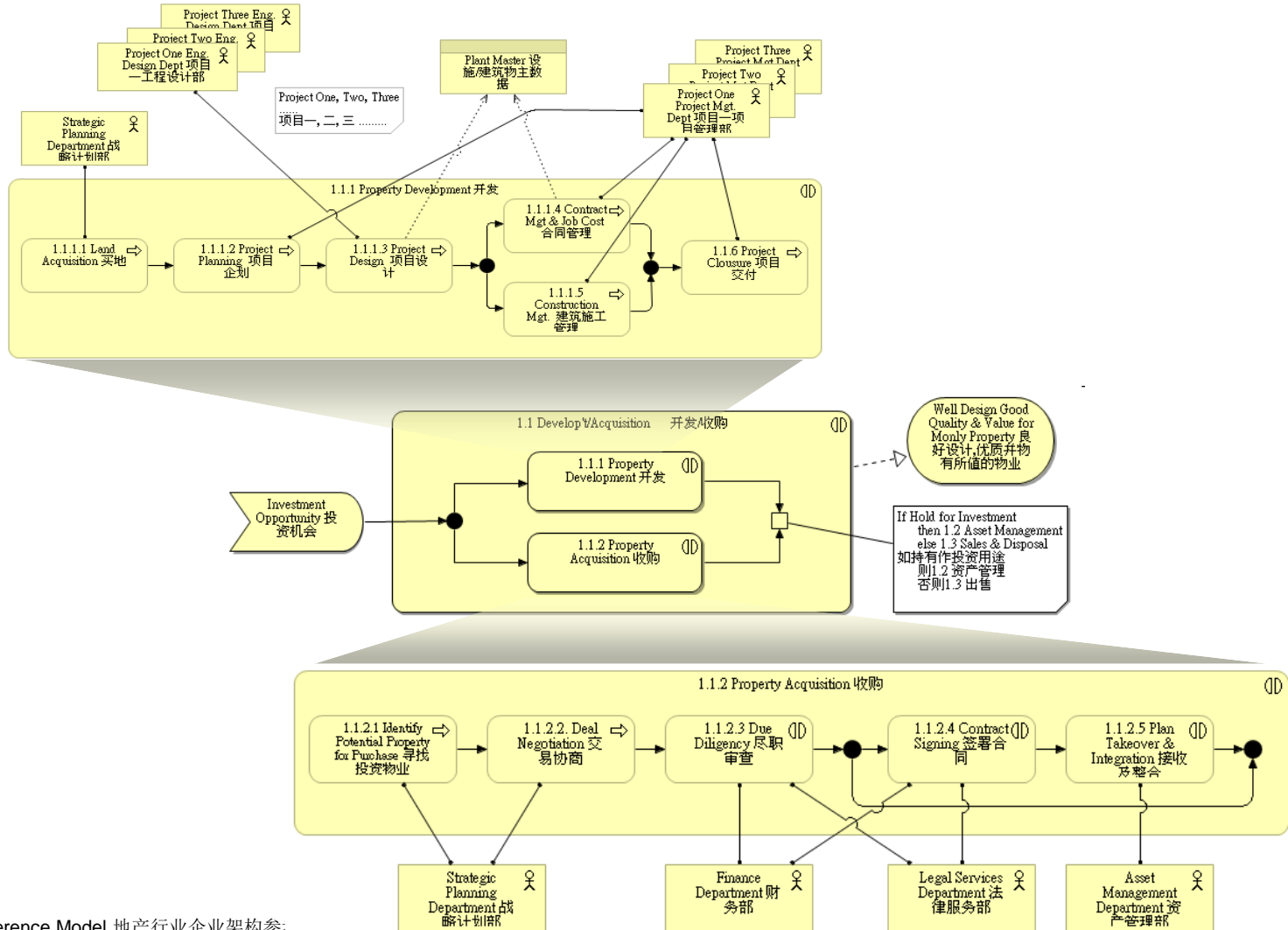
3.3.1 Business Process: Properties Industry Business Processes Top View

地产行业顶端业务流程



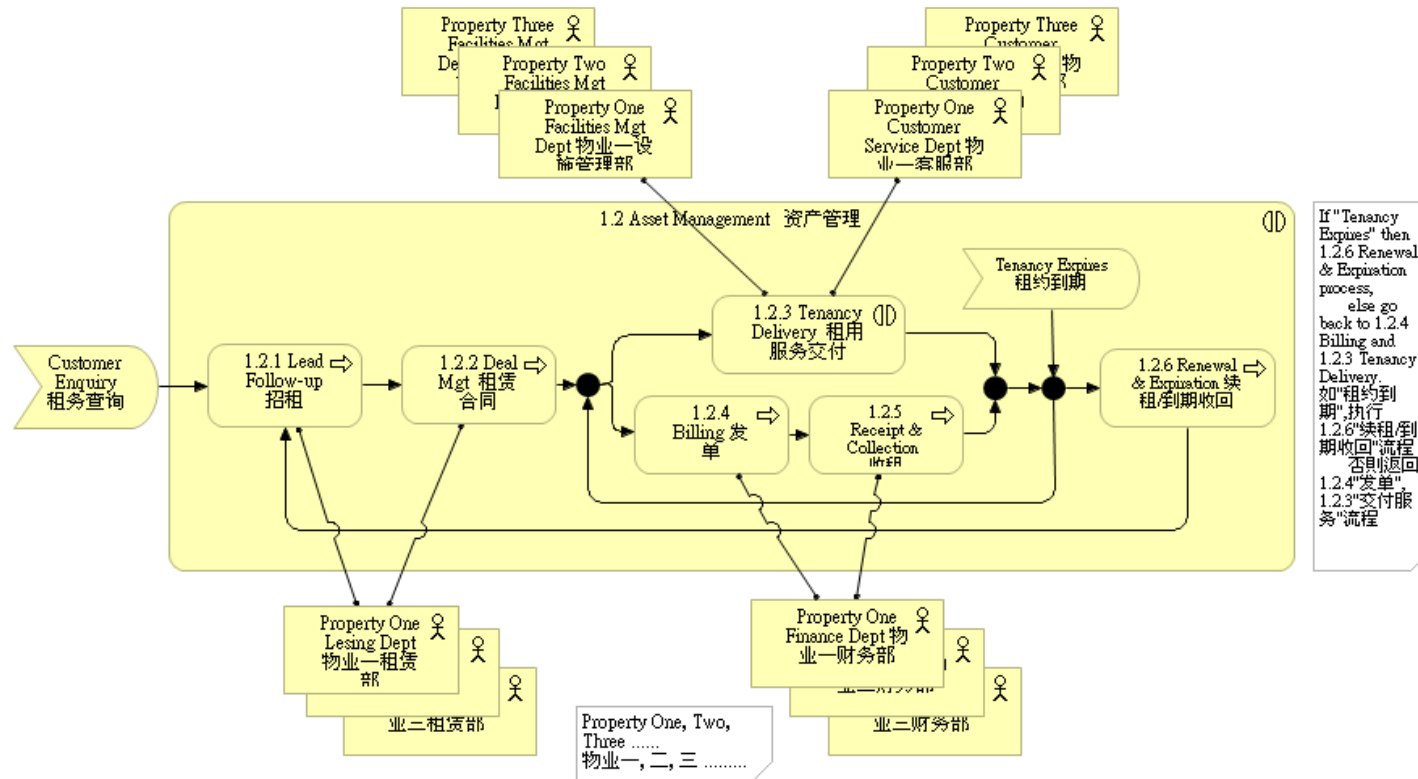
3. Business Architecture 业务架构

3.3.2 Acquisition 开发/收购



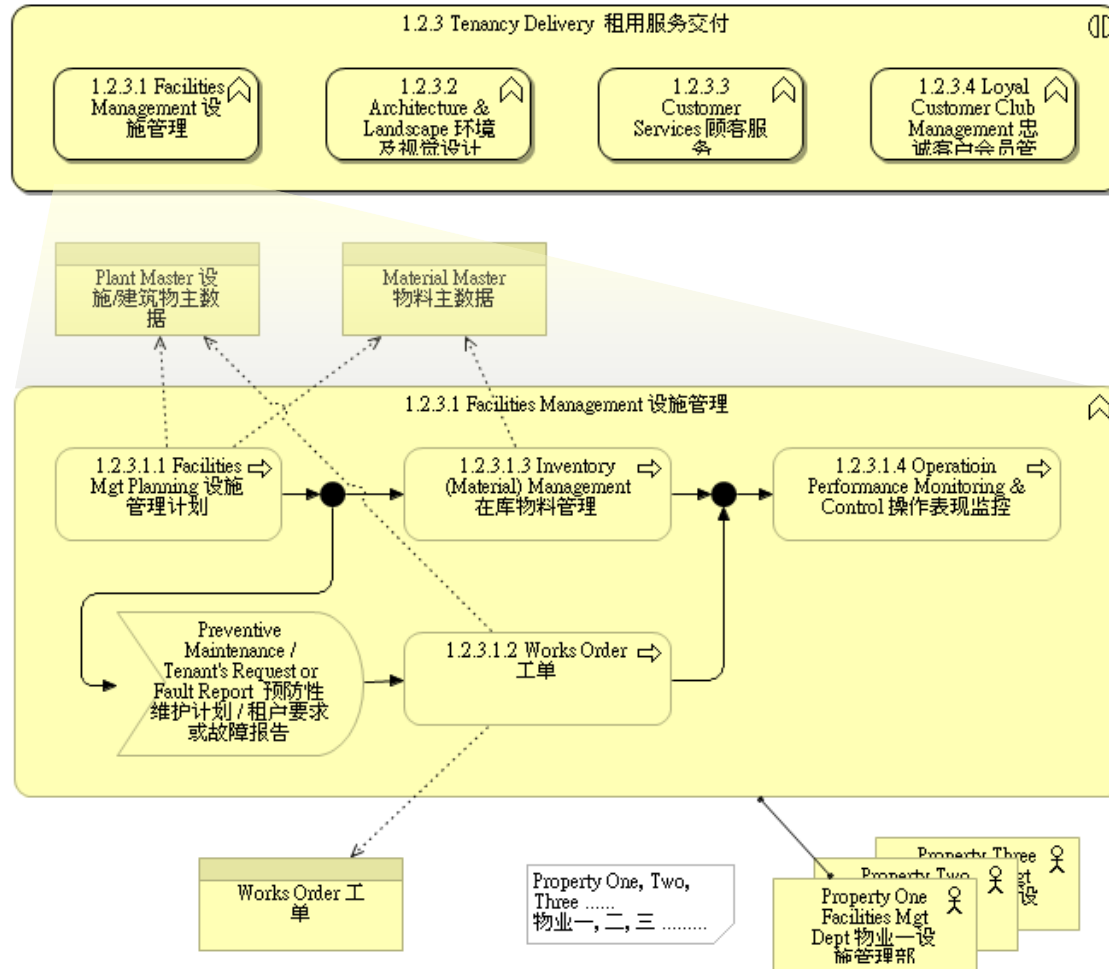
3. Business Architecture 业务架构

3.3.3 Asset Management 资产管理



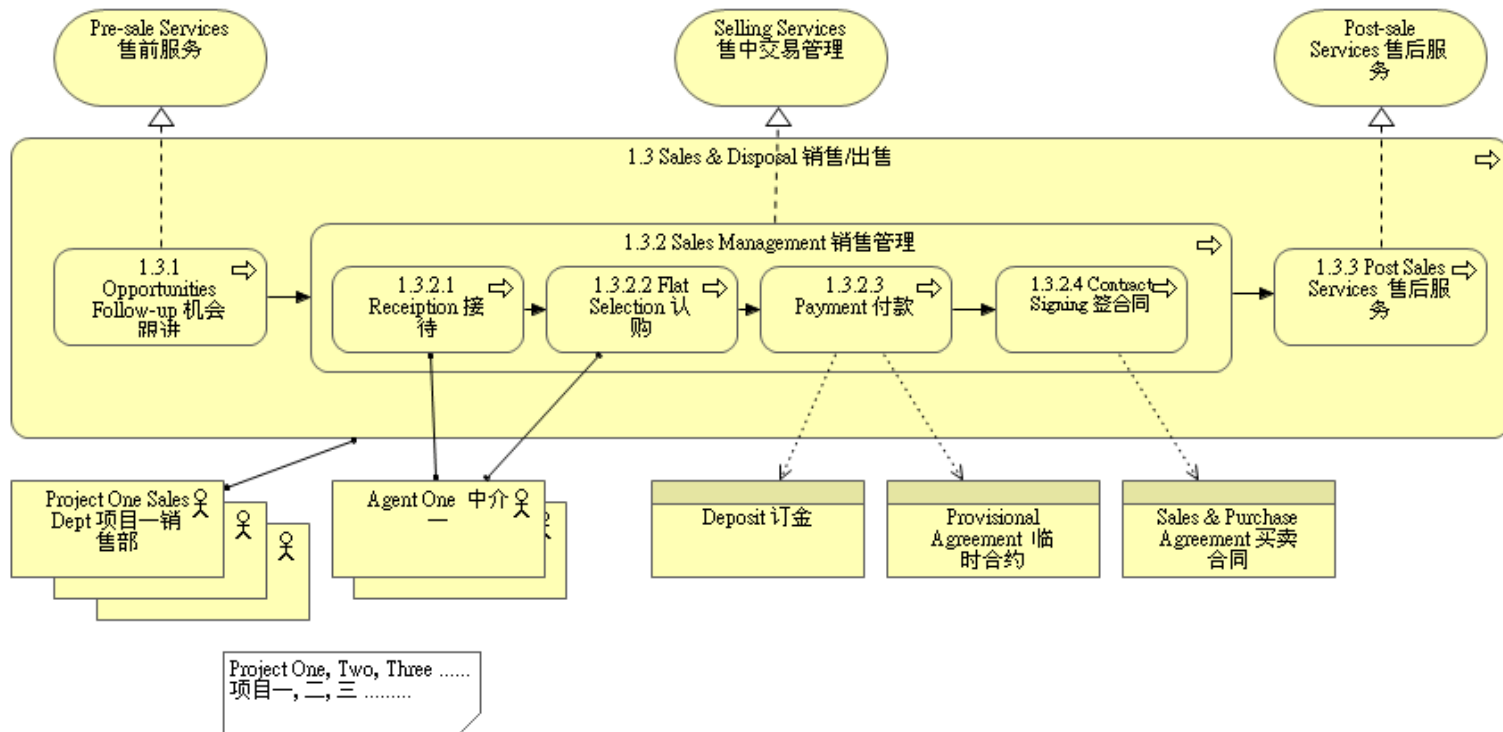
3. Business Architecture 业务架构

3.3.4 Tenancy Delivery 租用服务交付



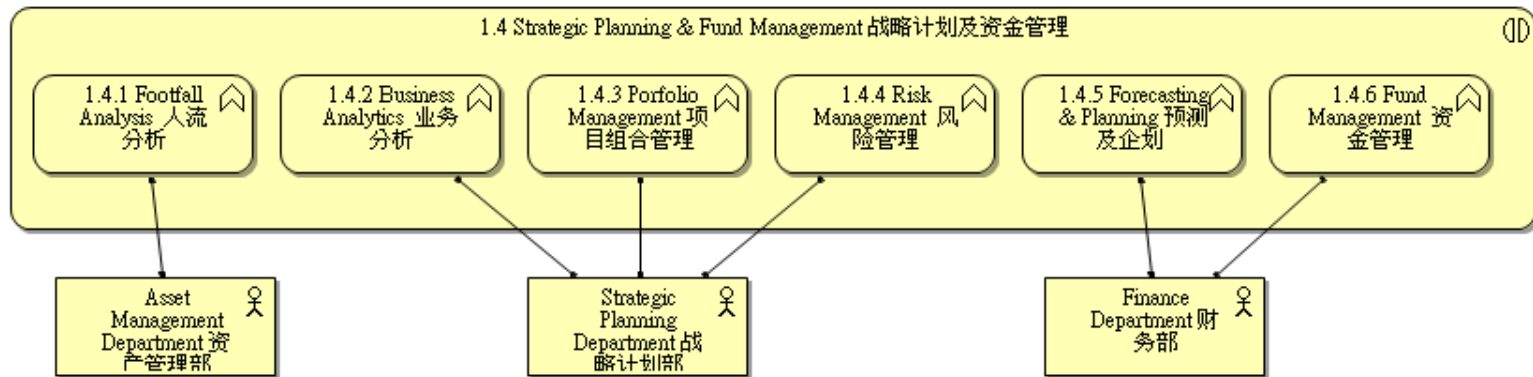
3. Business Architecture 业务架构

3.3.5 Sales & Disposal 销售/出售



3. Business Architecture 业务架构

3.3.6 Strategic Planning & Fund Management 战略计划及资金管理



3. Business Architecture 业务架构

3.1 Organization View 组织构成视图

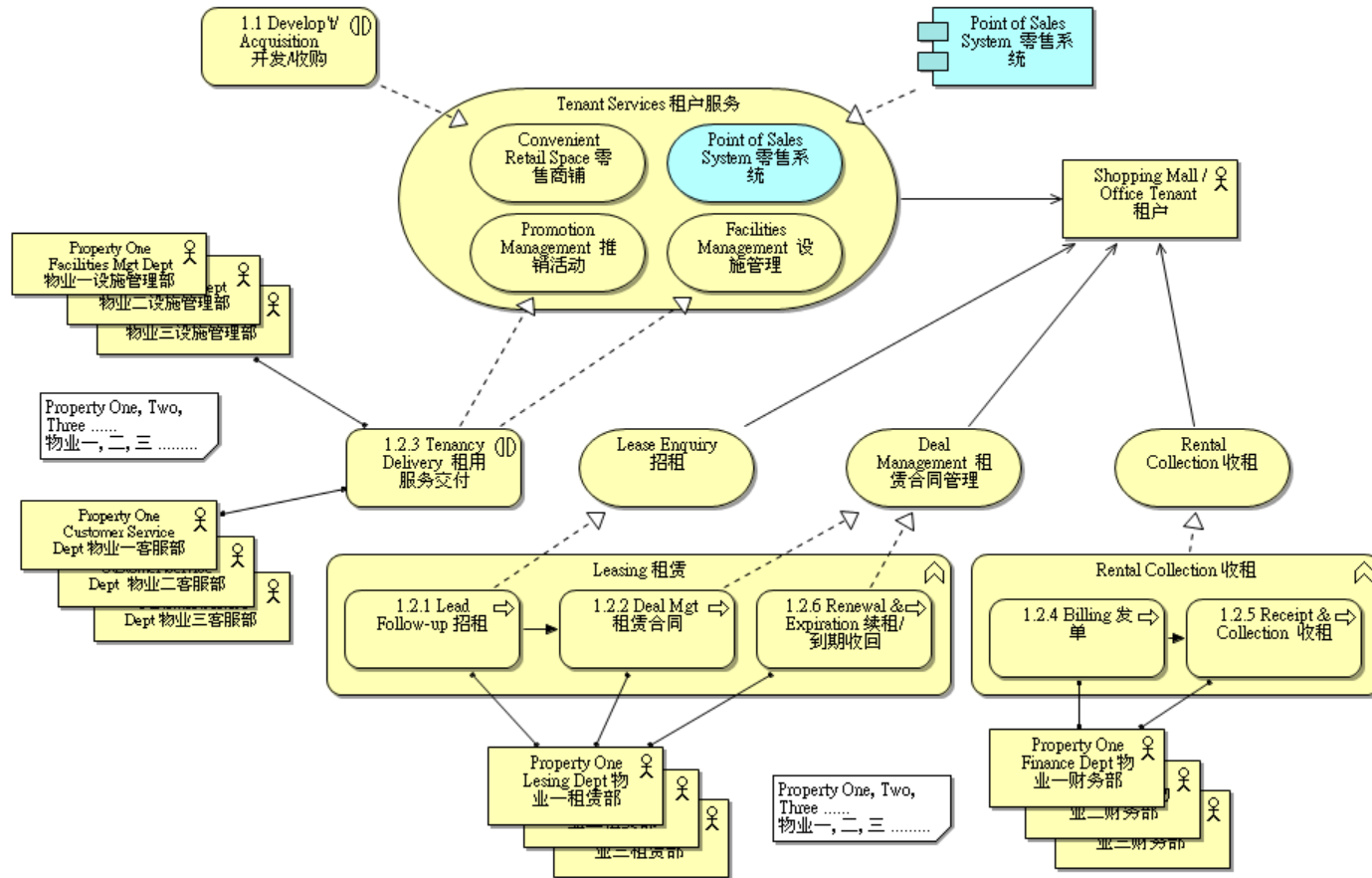
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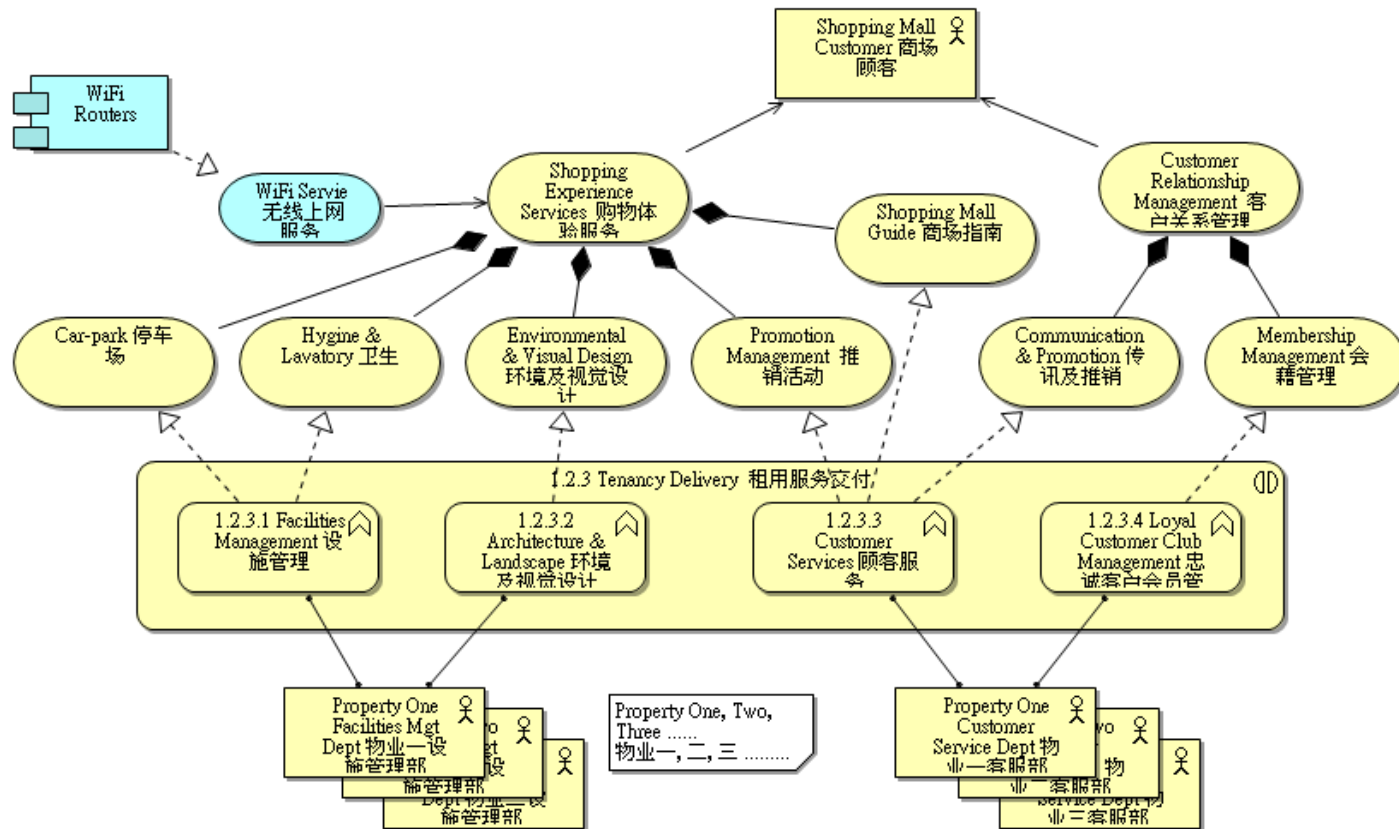
3. Business Architecture 业务架构

3.4.1 Services Realization: Tenant Viewpoint 服务实现: 租户视角



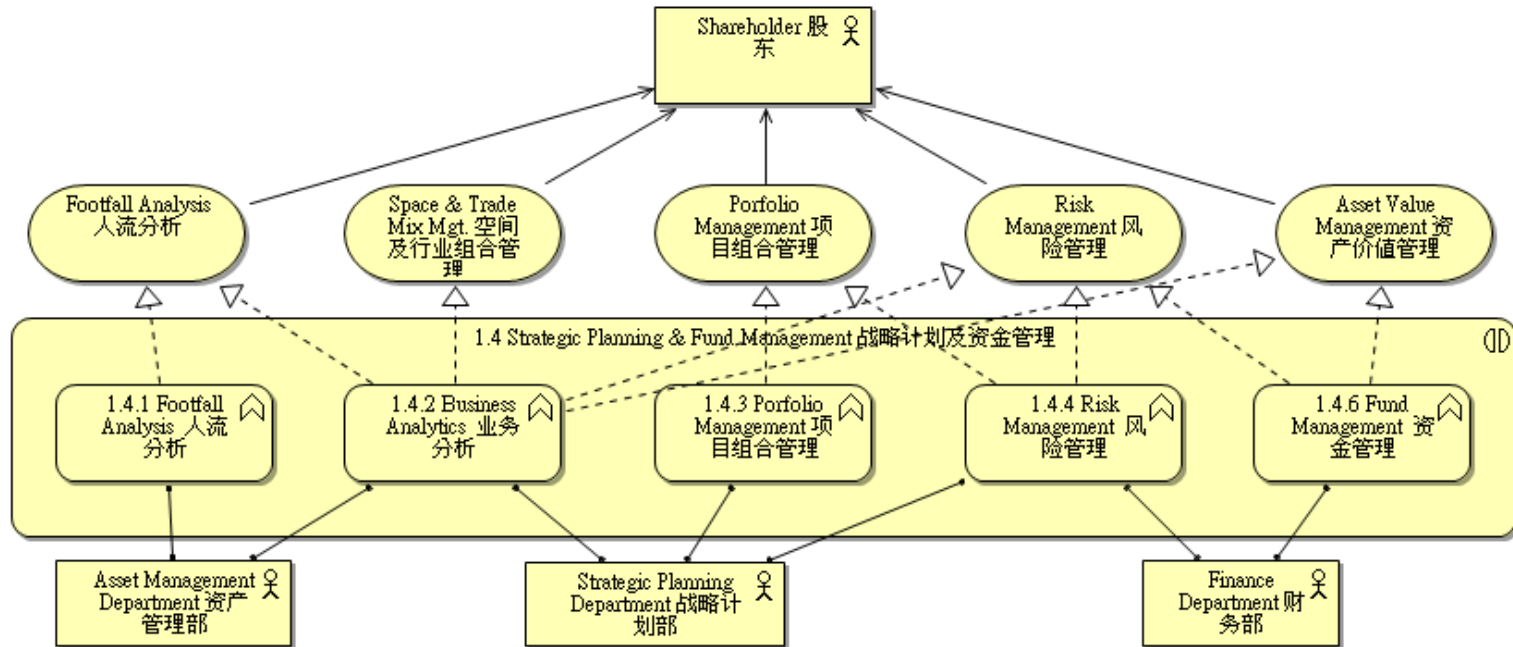
3. Business Architecture 业务架构

3.4.2 Services Realization: Mall Customer 服务实现: 商场顾客视角



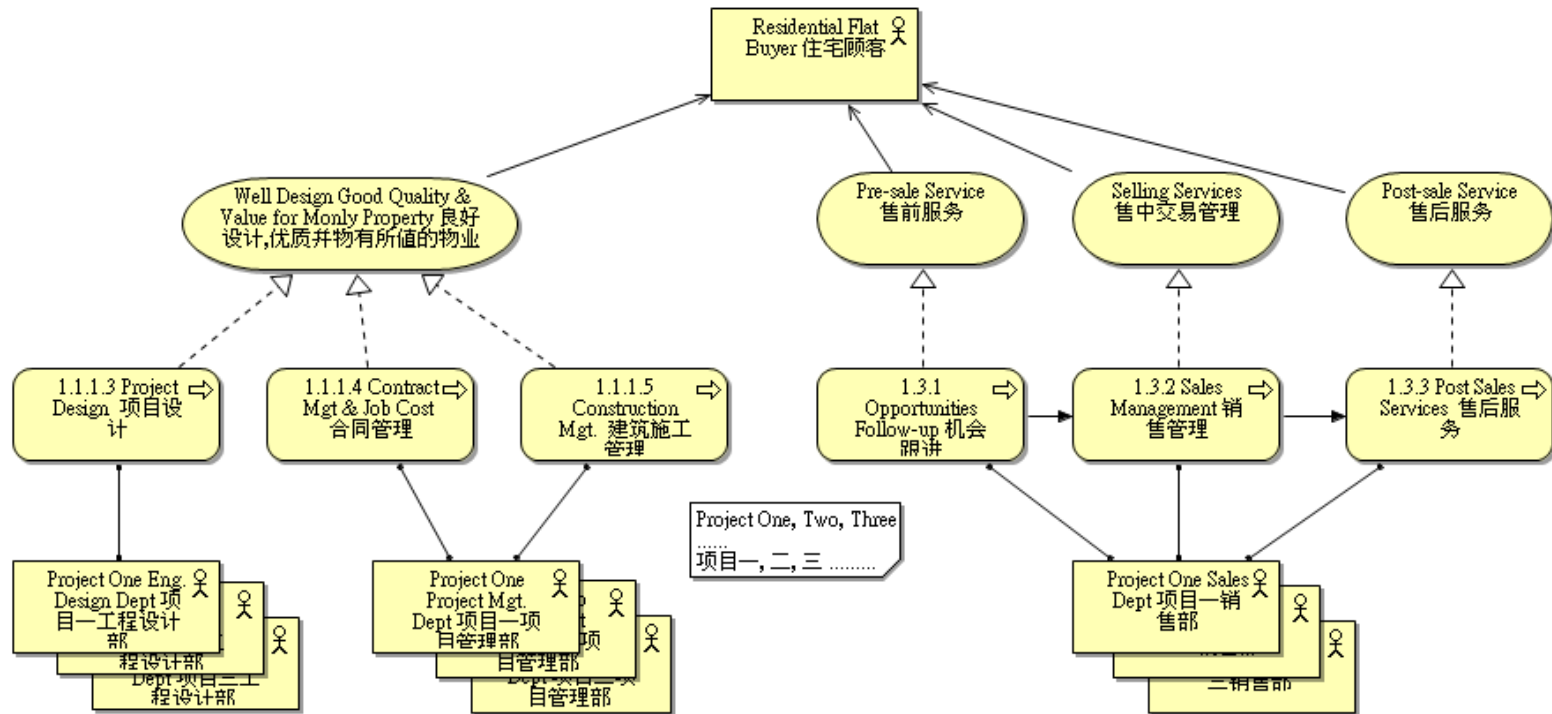
3. Business Architecture 业务架构

3.4.3 Services Realization: Shareholders 服务实现 : 股东



3. Business Architecture 业务架构

3.4.4 Services Realization: Residential Flat Buyer 服务实现:住宅顾客



4.1 Application Usage View 应用系统使用视图

4.2 Layered View 层次关系视图

4.3 Data Integration 数据整合

4.4 Information Structure 数据构造

4.1 Application Usage View 应用系统使用视图

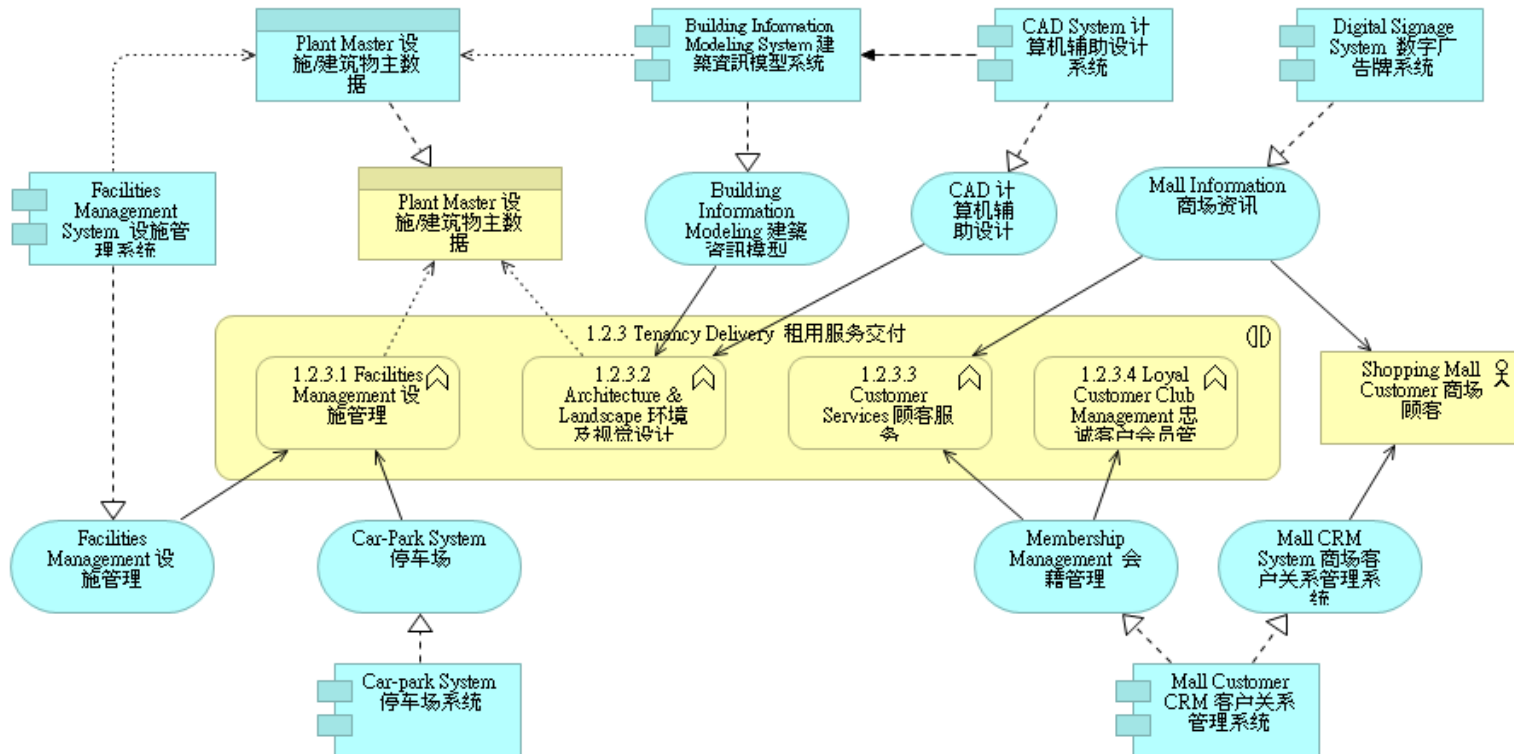
4.2 Layered View 层次关系视图

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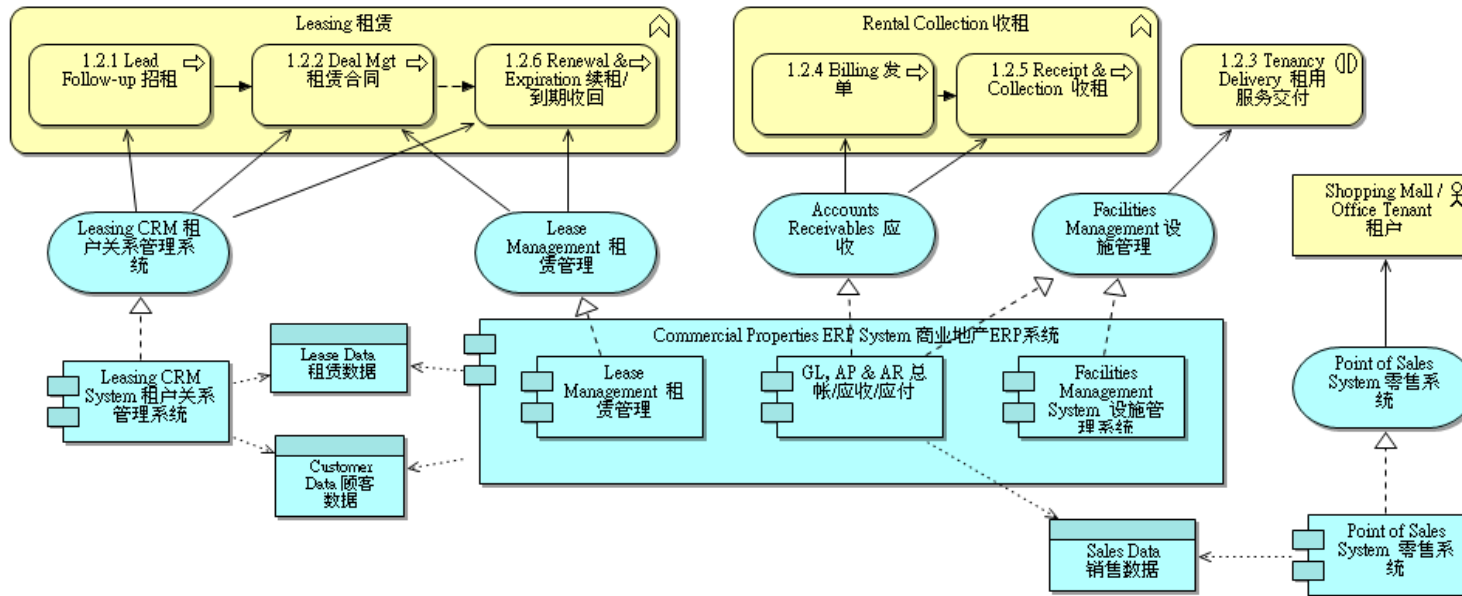
4. Information System Architecture 系统架构

4.1.1 Application Usage View: Tenancy Delivery 应用系统使用: 租用服务交付



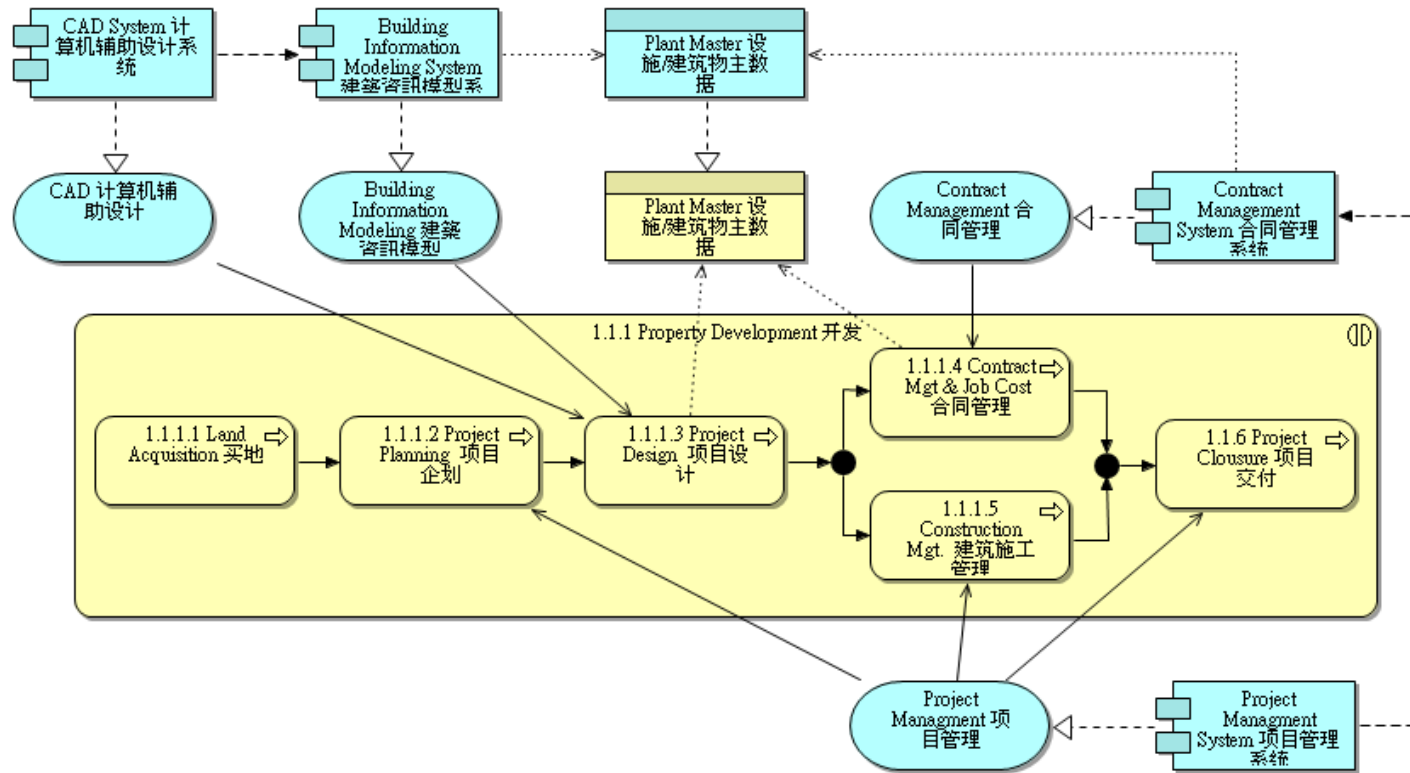
4. Information System Architecture 系统架构

4.1.2 Application Usage View: Tenant Services 应用系统使用: 租客户服务



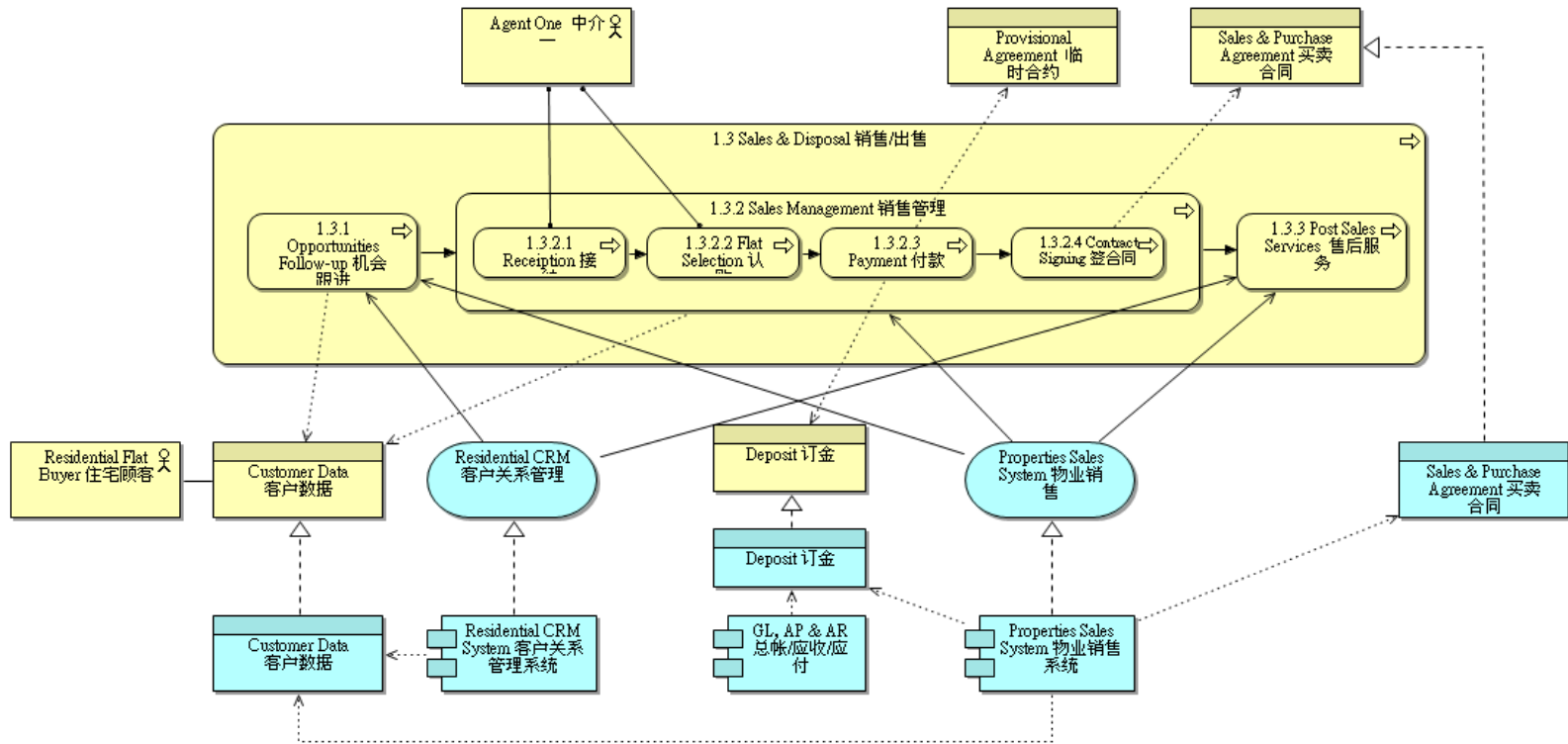
4. Information System Architecture 系统架构

4.1.3 Application Usage View: Acquisition 应用系统使用:开发/收购



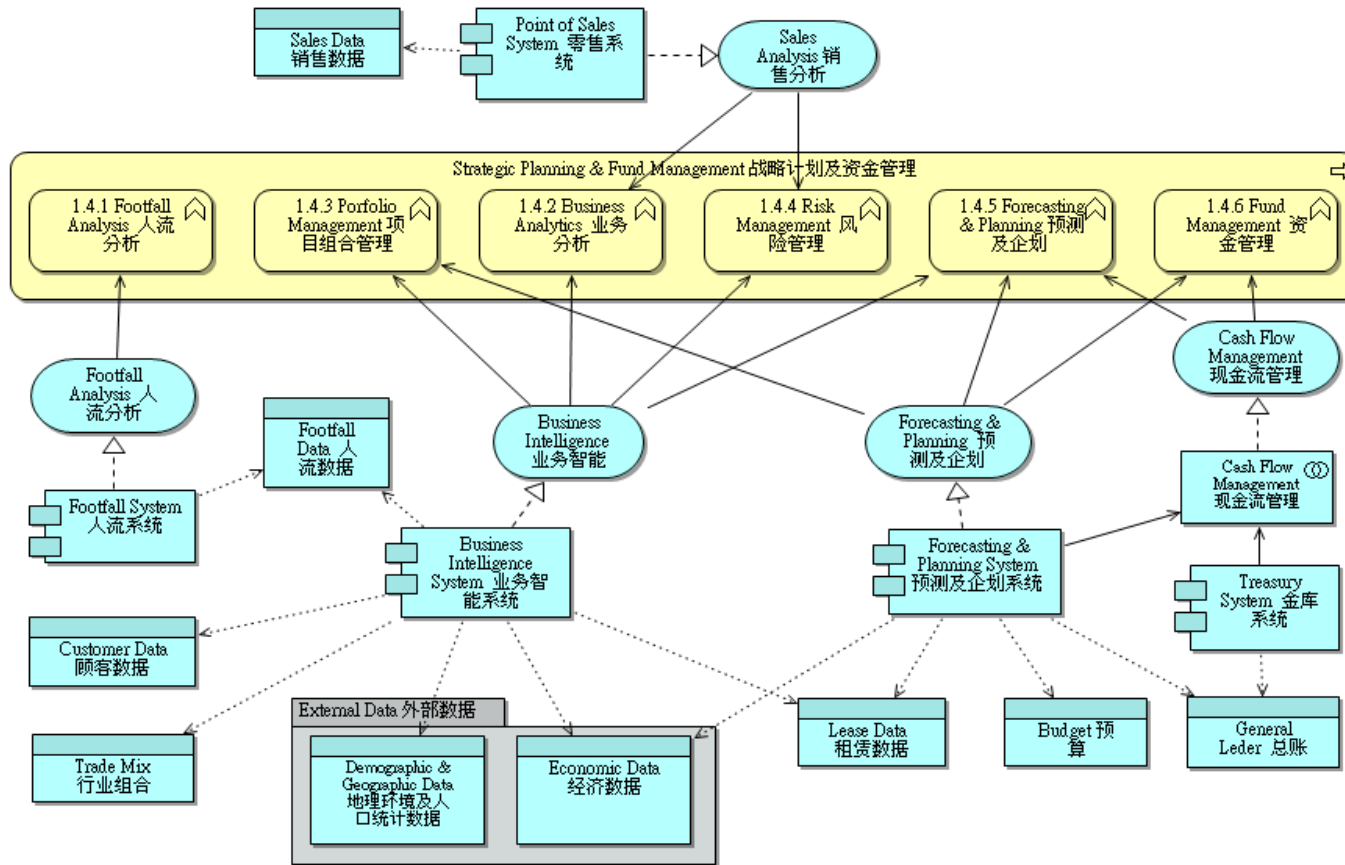
4. Information System Architecture 系统架构

4.1.4 Application Usage View: Sales & Disposal 应用系统使用: 销售/出售



4.1.5 Application Usage View: Strategic Planning & Fund Management

应用系统使用: 战略规划及资金管理



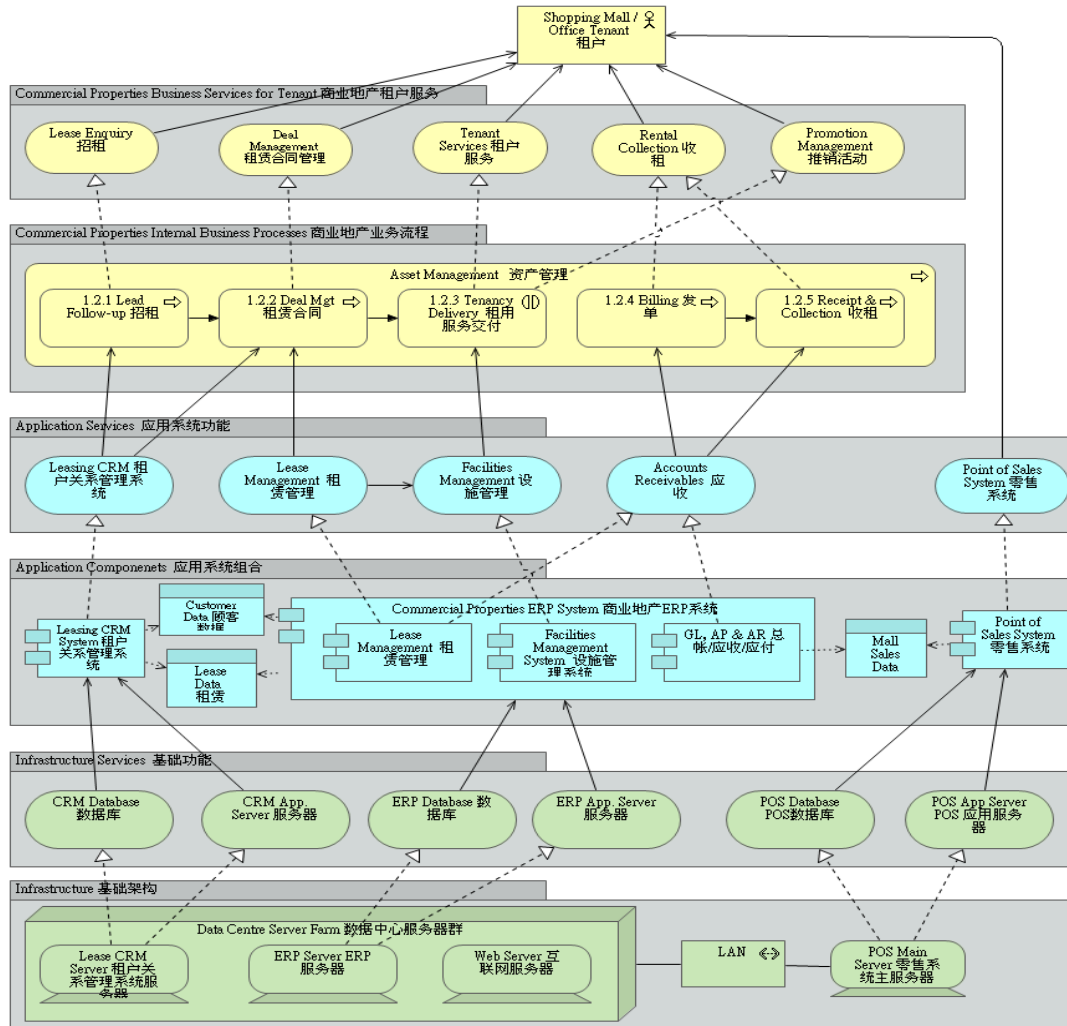
4.1 Application Usage View 应用系统使用视图

4.2 Layered View 层次关系视图

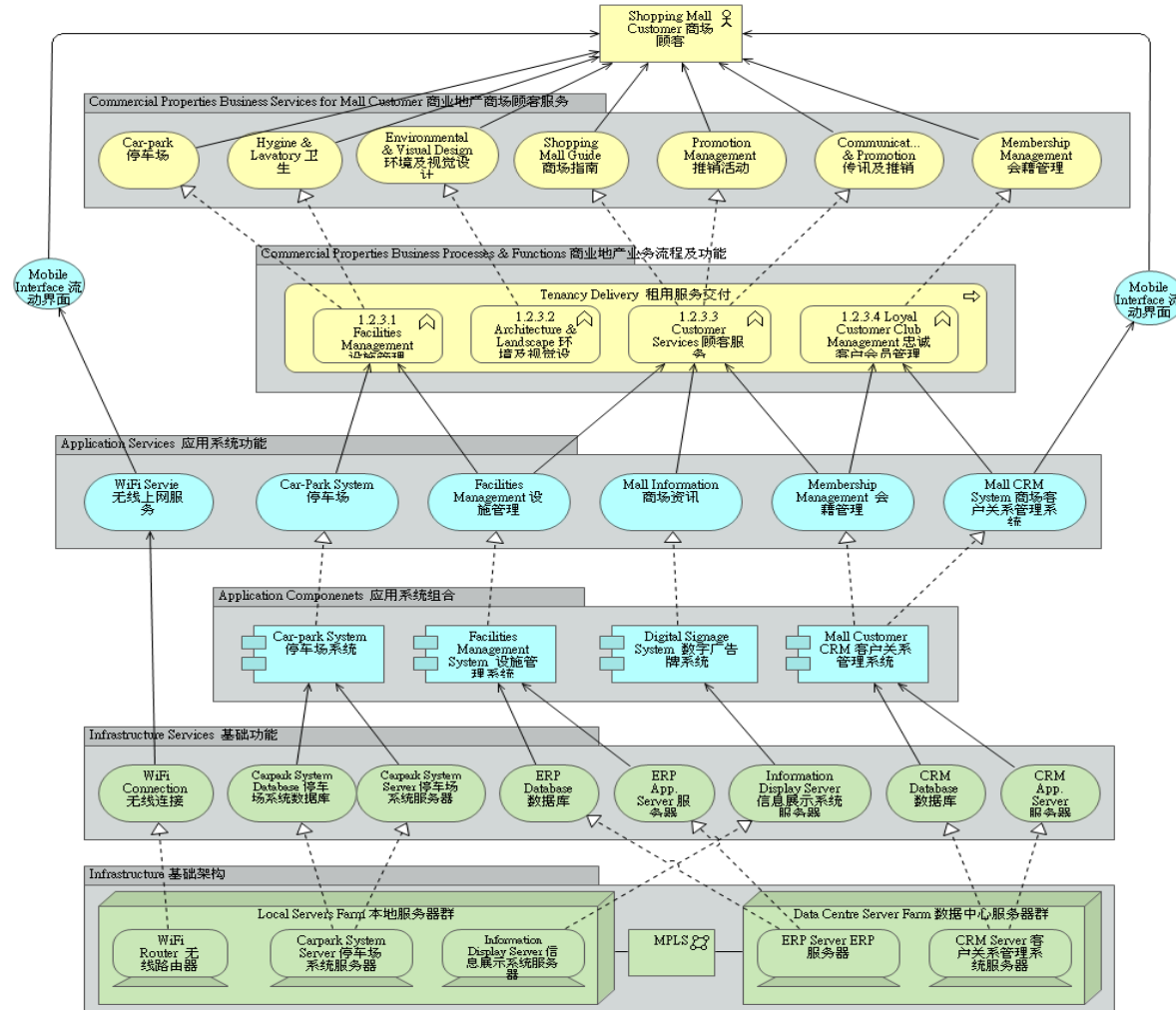
4.3 Data Integration 数据整合

4.4 Information Structure 数据构造

4.2.1 Layered View: Tenant 租户

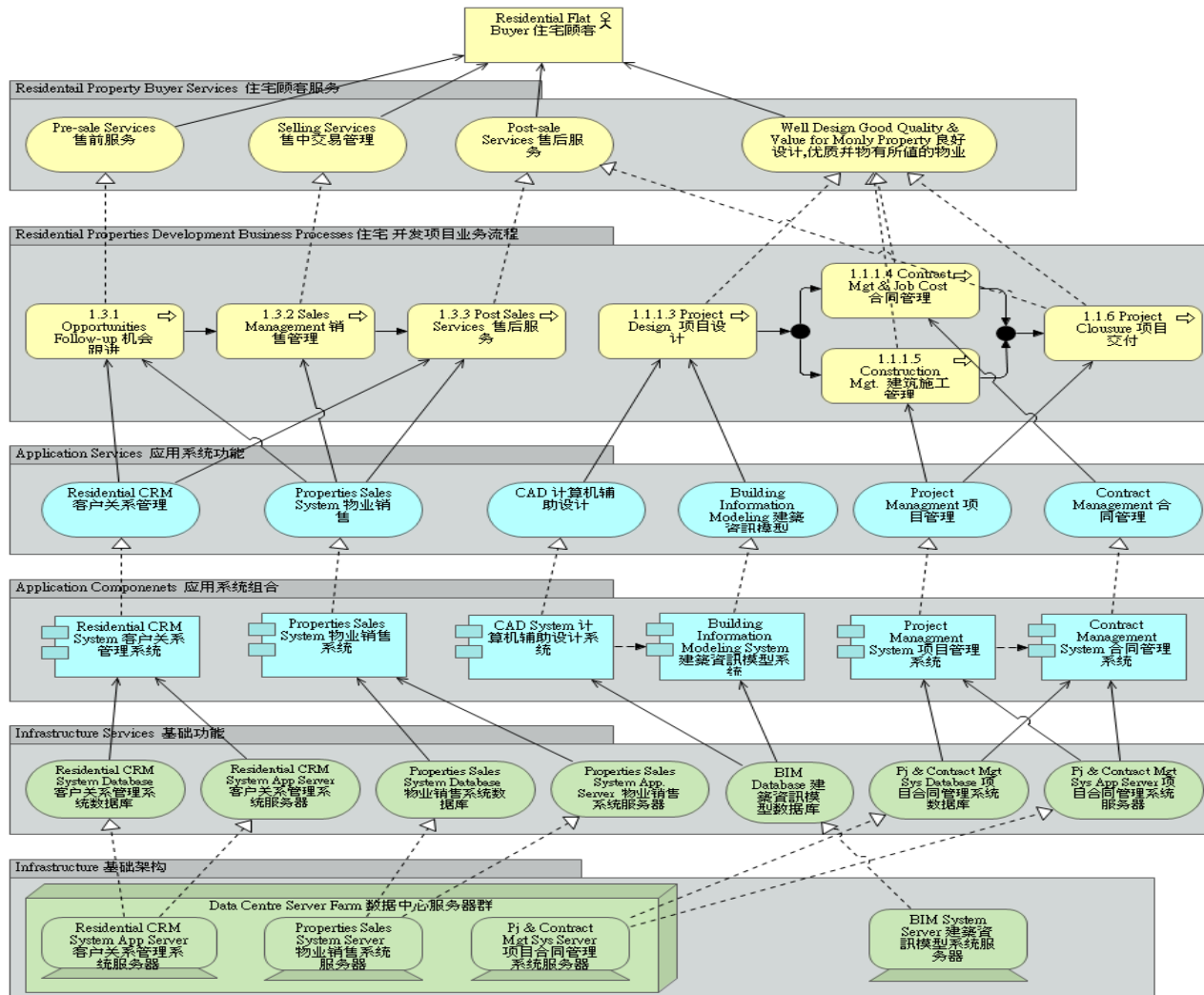


4.2.2 Layered View: Shopping Mall Customer 商场顾客

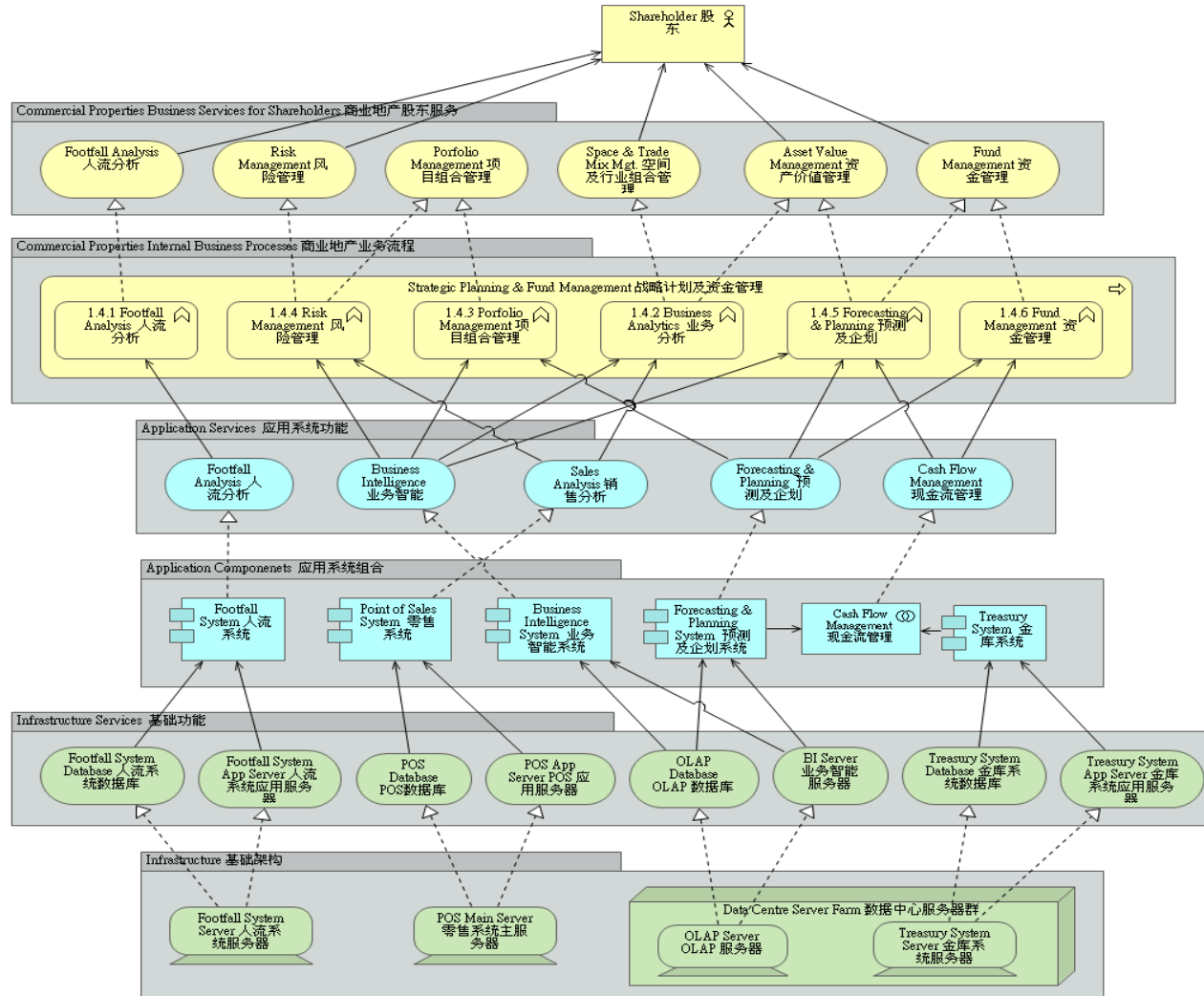


4. Information System Architecture 系统架构

4.2.3 Layered View: Residential Flat Buyer 住宅顾客



4.2.4 Layered View: Shareholder 股东



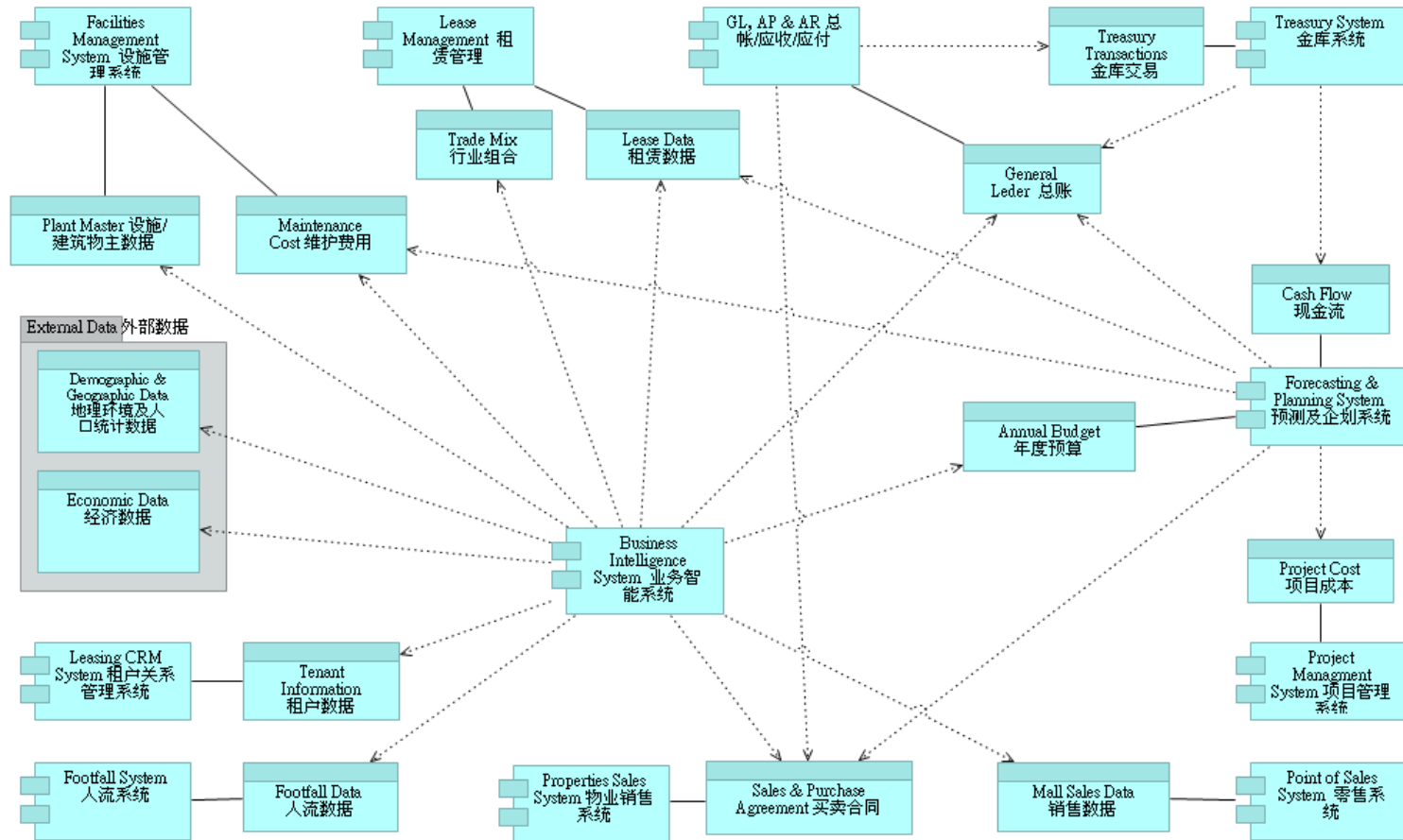
4.1 Application Usage View 应用系统使用视图

4.2 Layered View 层次关系视图

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4.4 Information Structure 数据构造

4.3.1 Data Integration 数据整合



4.1 Application Usage View 应用系统使用视图

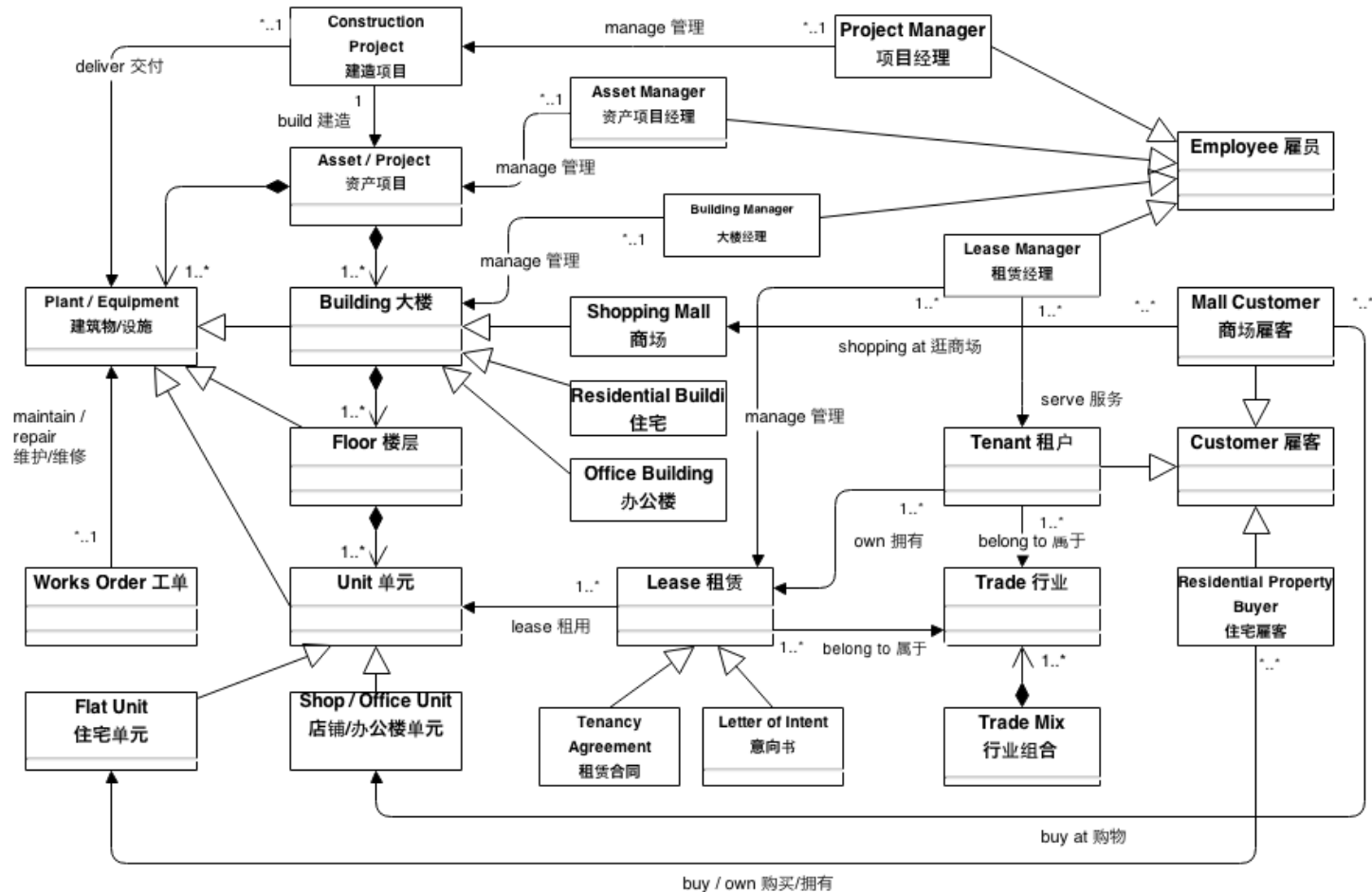
4.2 Layered View 层次关系视图

4.3 Data Integration 数据整合

4.4 Information Structure 数据构造

4.4.1 Information Structure 数据构造

Class Diagram



5. Archimate Usability 可用性

5.1 Archimate is very useful to model the high level components of and relationship among the 3 enterprise architecture domains, i.e. business architecture, information system architecture and technology architecture.

对于业务, 信息系统及技术三种企业架构的顶端元素及其双互关系的建模来说, Archimate是非常方便。

5.2 It is more appropriate to use other modeling tools, e.g. UML and BPMN of OMG, to model detailed information structure, process groups or sub-processes.

如要描述详细信息构造, 业务流程及子流程等, 其它建模工具例如 UML及 BPMN 会更合用。

(<http://www.orbusoftware.com/resources/downloads/archimate-bpmn-and-uml-an-approach-to-harmonizing-the-notations/>)