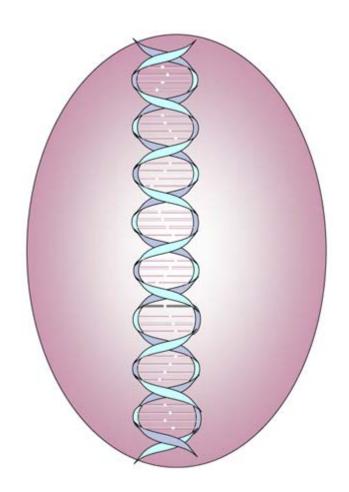
# PRM-IT V3 Reference Library - IDEFØ Diagrams

PRM-IT Version 3.0 April, 2008



# **PRM - IT IBM Process Reference Model for IT**

Sequencing the DNA of IT Management



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# **Preface**

The IBM Process Reference Model for Information Technology (PRM-IT) is a generic representation of the processes involved across the complete IT management domain. It contains a foundational examination of the IT process topic. It is for this reason the graphical image of the DNA double helix over the basic building block of a cell is used.

#### **About this book**

The reference manual *IDEFØ Diagrams* presents the full model in IDEFØ notation.

# The PRM-IT Reference Library books

The PRM-IT Reference Library consists of thirteen books. The first book is the *General Information Manual*, it is a brief examination of the subject of IT processes, and provides a tour of the model.

The nine reference manuals are A0 through A8. The A0 Manage IT book examines the context of the processes for IT, exploring the key external agents — stakeholders and their interactions with IT. The reference manuals A1 through A8 provide the complete description of all aspects of the process categories.

The reference manual *IDEFØ Diagrams* presents the full model in IDEFØ notation, and *IDEFØ Node Tree* shows the ordered list of process categories, processes, and activities.

The final book, the *Glossary*, contains the definition of every process interface object for the model and provides references to where the objects are used.

PRM-IT Reference Library		
■ General Information	■ A6 Operations	
■ A0 Manage IT	■ A7 Resilience	
■ A1 Governance and Management System	■ A8 Administration	
<ul> <li>A2 Customer Relationships</li> </ul>	■ IDEFØ Node Tree	
■ A3 Direction	■ IDEFØ Diagrams	
■ A4 Realization	■ PRM-IT Glossary	
■ A5 Transition		

#### Intended audience

An understanding of the full range of the processes relevant to IT in any business is of value to those within the IT function responsible for the specification, creation, and delivery of IT services (whether at the CIO or IT executive level), and who consider the direction and overall management of IT. Or, individuals who work within any of its competencies, needing to interface with other parts of the IT value chain or value net.

Equally, the stakeholders in the business of this IT capability will benefit from greater insight into how IT serves them. This insight will enable them to better influence IT decisions and activities, to their ultimate benefit.

# **Next steps**

PRM-IT is a powerful management tool for purposes of investigating and identifying areas for improvement. PRM-IT also provides a proven starting-point for the design and implementation of new and upgraded IT management capabilities.

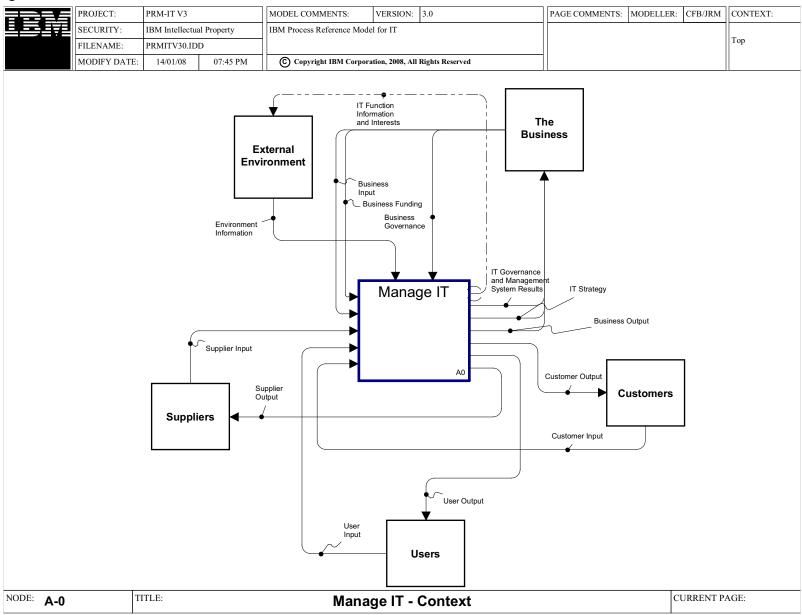
IBM IT consultants, architects, and specialists in global services who, working from this common base, are equipped with a full range of methods, techniques, and tools to assist its customers achieve their purposes.

**A44 Solution Test** 

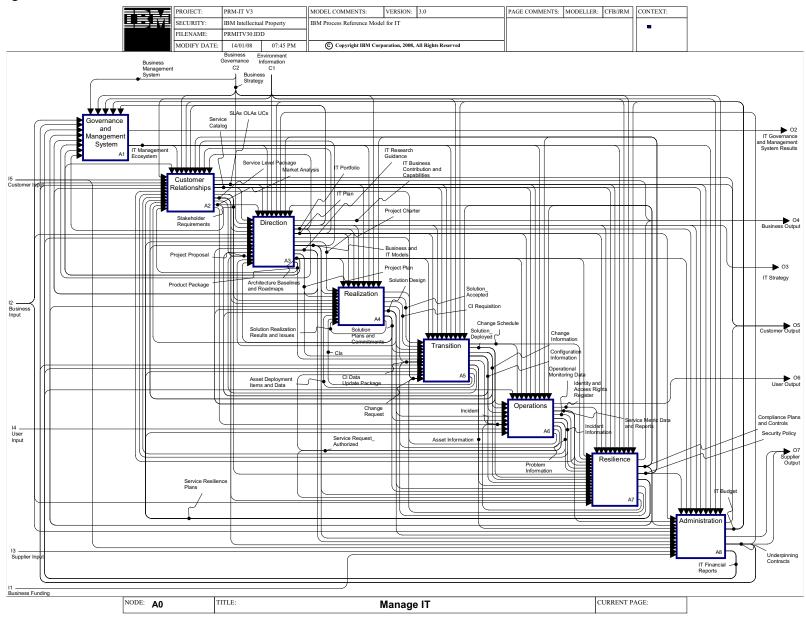
# **IDEFØ Diagrams**

A0: Manage IT - Context	A45 Solution Acceptance
A0: Manage IT	
A1 Governance and Management System	A5 Transition
A11 IT Governance and Management System	A51 Change Management
<u>Framework</u>	A52 Release Management
A12 IT Governance and Management System	A53 Deployment Management
Capabilities	A54 Configuration Management
A13 IT Governance and Management System	A55 Asset Management
Operation	
A14 IT Governance and Management System	A6 Operations
<u>Evaluation</u>	A61 Request Fulfillment
	A62 Service Execution
A2 Customer Relationships	A63 Data Management
A21 Stakeholder Requirements Management	A64 Event Management
A22 Service Marketing and Sales	A65 Incident Management
A23 Service Catalog Management	A66 Problem Management
A24 Service Level Management	A67 Identity and Access Management
A25 Demand Management	
A26 IT Customer Transformation	A7 Resilience
<u>Management</u>	A71 Compliance Management
A27 Customer Satisfaction Management	A72 Security Management
	A73 Availability Management
A3 Direction	A74 Capacity Management
A31 IT Strategy	A75 Facilities Management
A32 IT Research and Innovation	A76 IT Service Continuity Management
A33 Architecture Management	
A34 Risk Management	A8 Administration
A35 Product Management	A81 Financial Management
A36 Portfolio Management	A82 Supplier Management
A37 Program and Project Management	A83 Service Pricing and Contract
	<u>Administration</u>
A4 Realization	A84 Workforce Management
A41 Solution Requirements	A85 Knowledge Management
A42 Solution Analysis and Design	
A43 Solution Development and Integration	

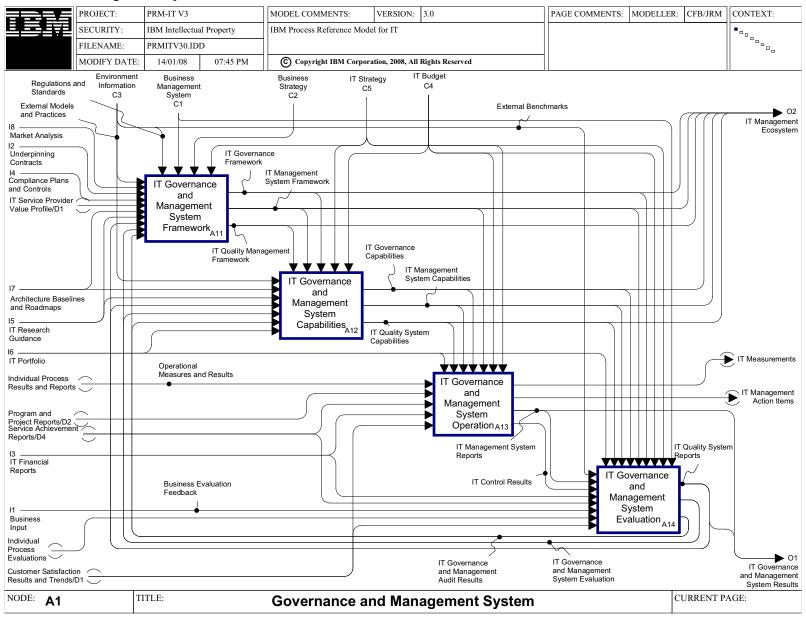
#### A0: Manage IT - Context



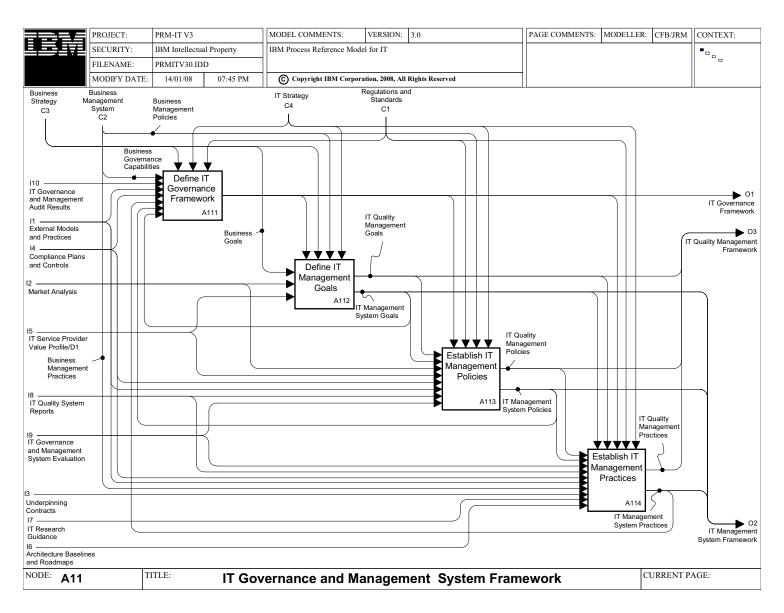
#### A0: Manage IT



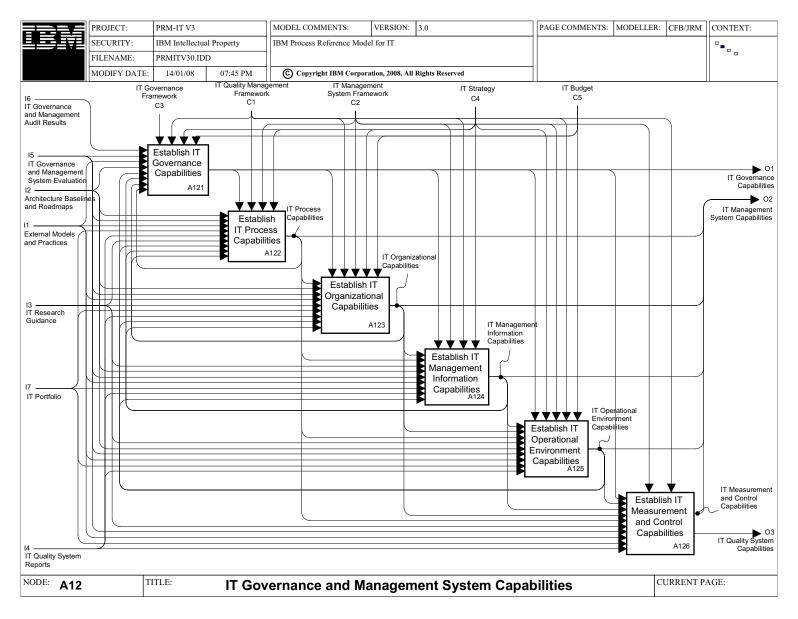
#### A1 Governance and Management System



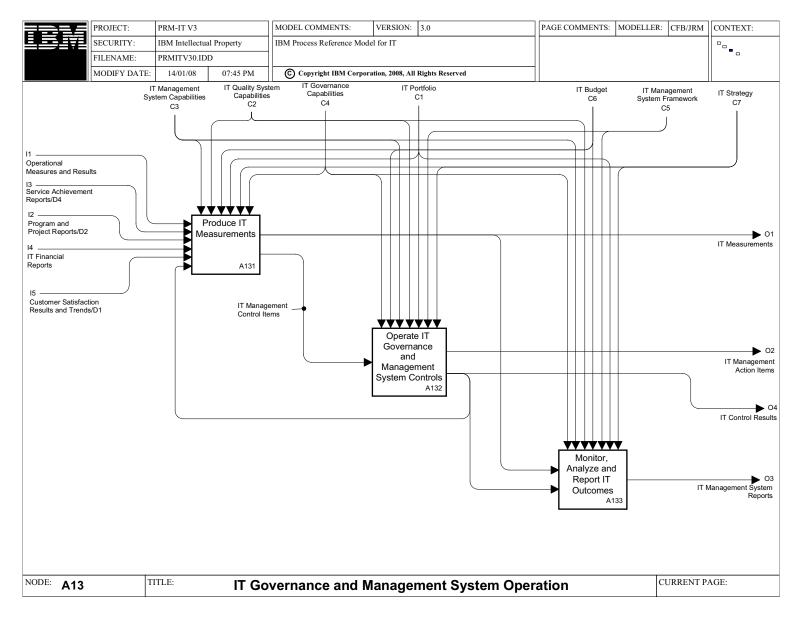
# **A11 IT Governance and Management System Framework**



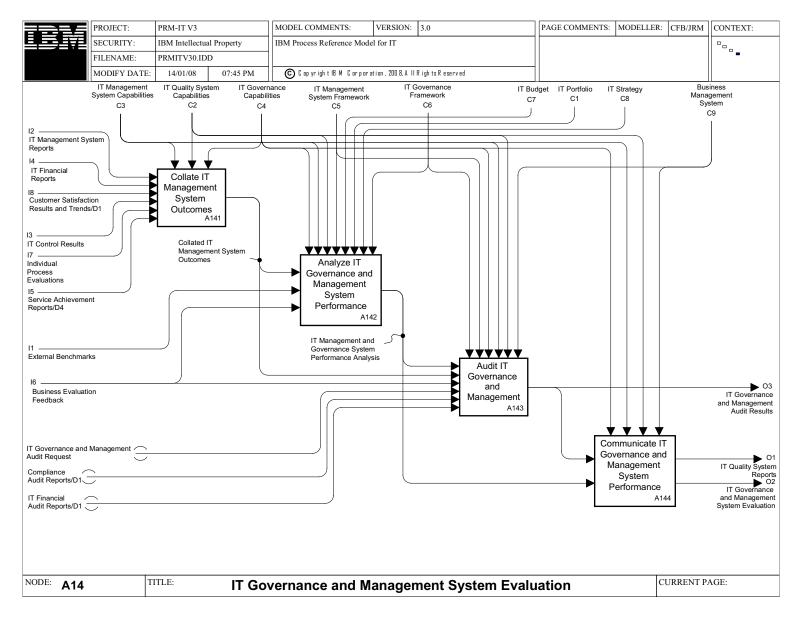
# **A12 IT Governance and Management System Capabilities**



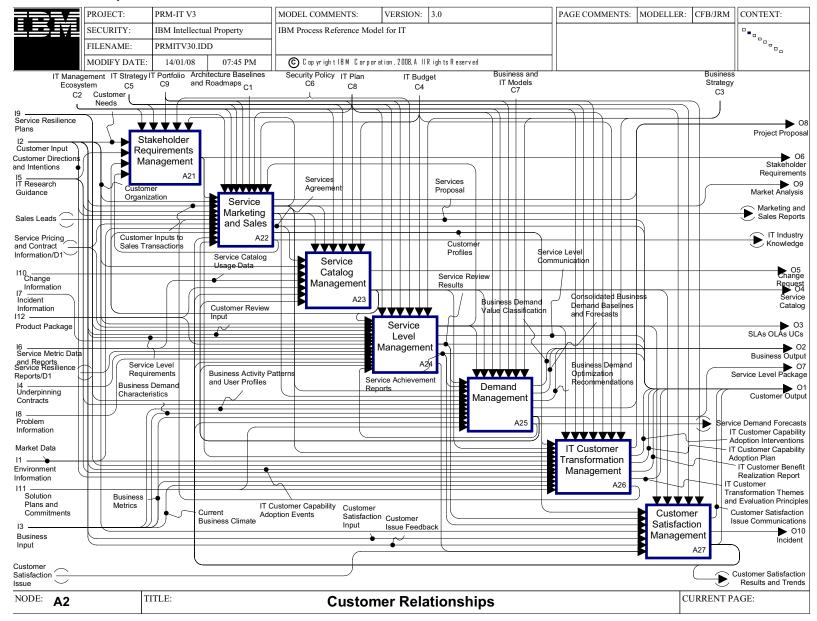
# A13 IT Governance and Management System Operation



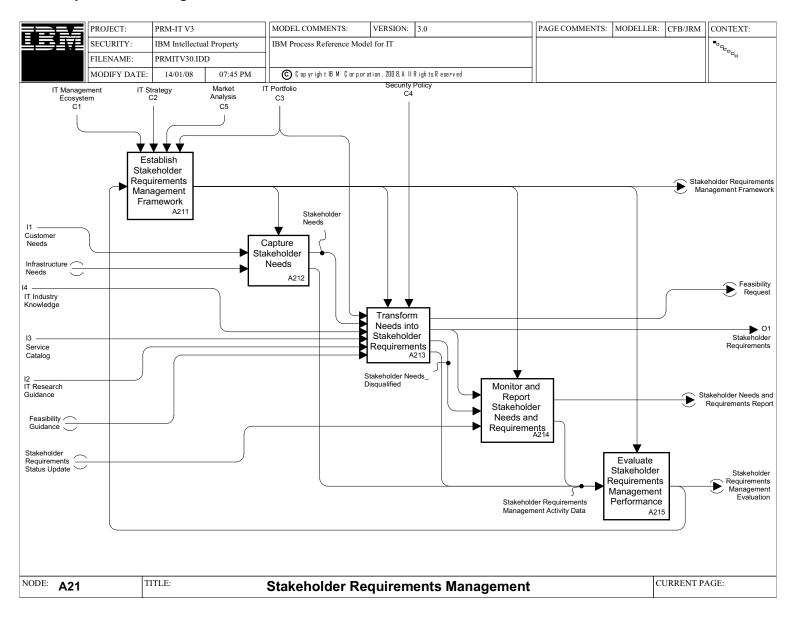
# A14 IT Governance and Management System Evaluation



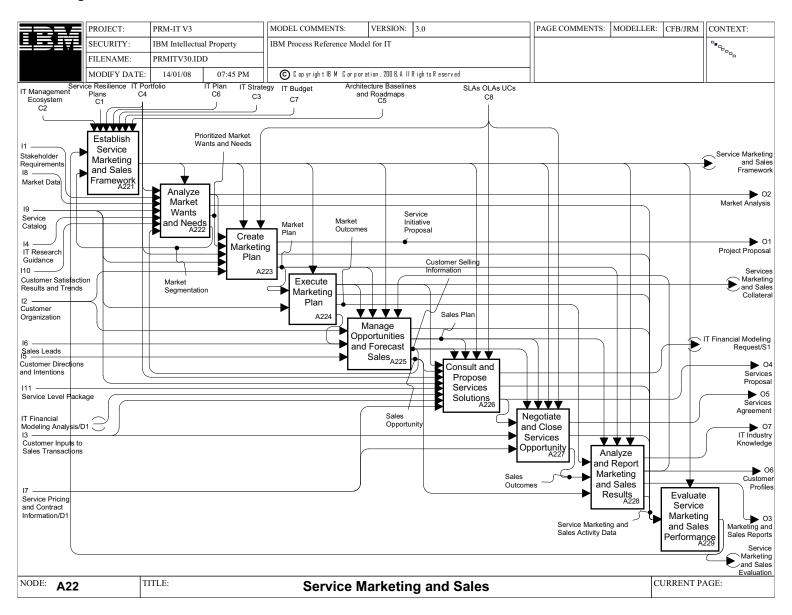
#### **A2 Customer Relationships**



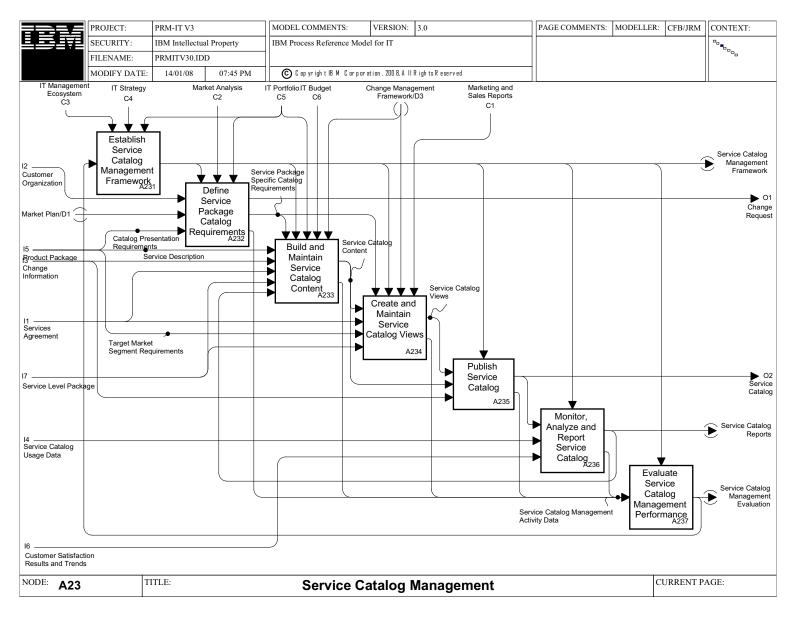
#### **A21 Stakeholder Requirements Management**



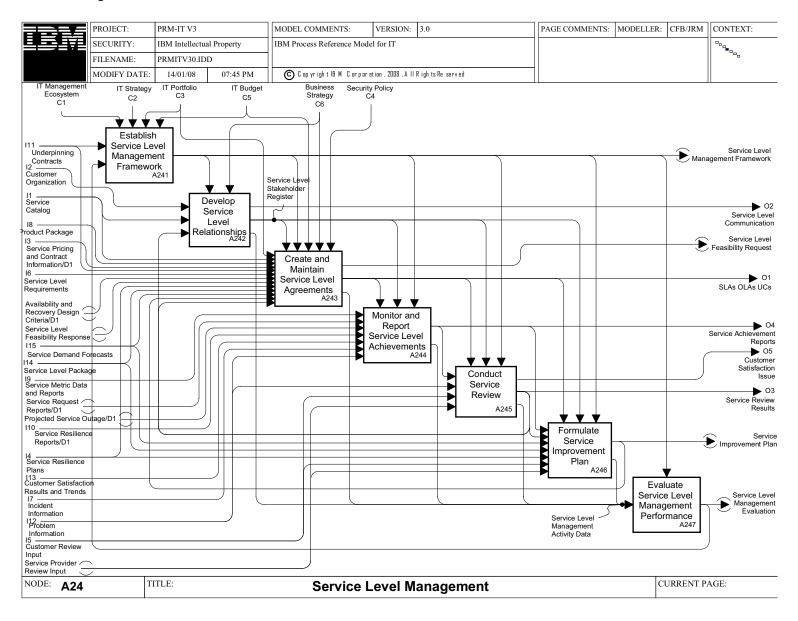
#### **A22 Service Marketing and Sales**



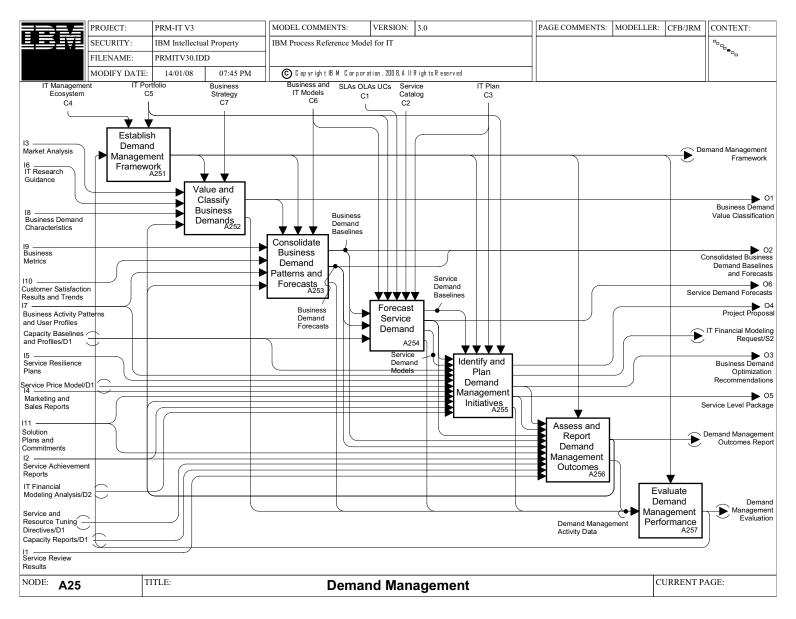
# **A23 Service Catalog Management**



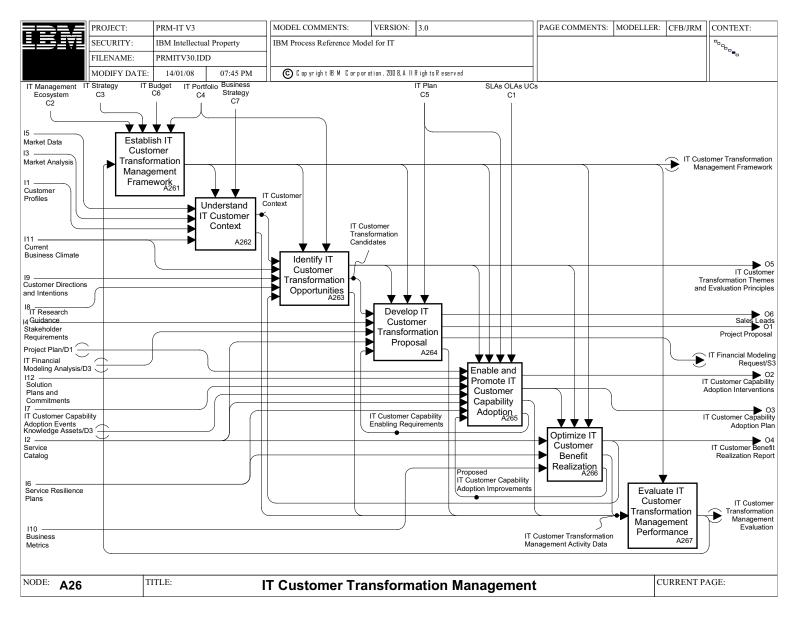
#### **A24 Service Level Management**



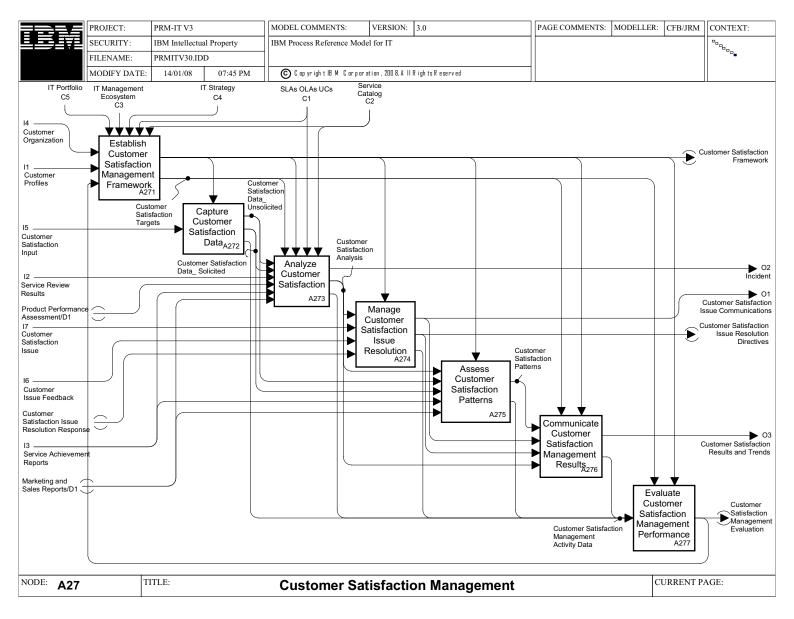
# **A25 Demand Management**



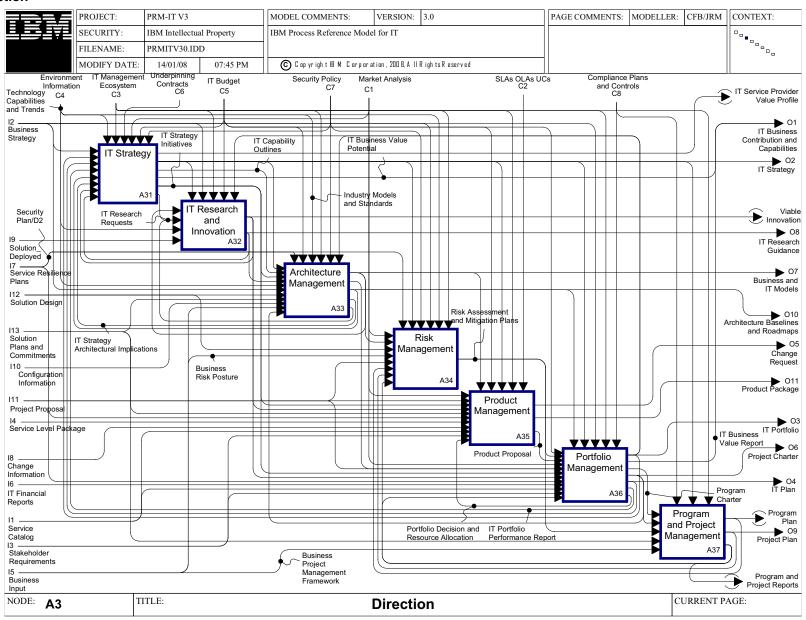
# **A26 IT Customer Transformation Management**



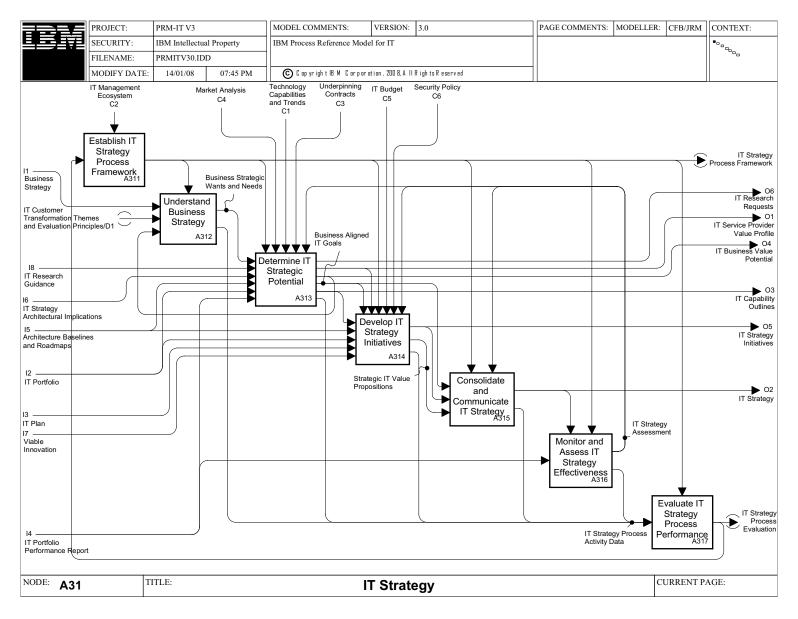
# **A27 Customer Satisfaction Management**



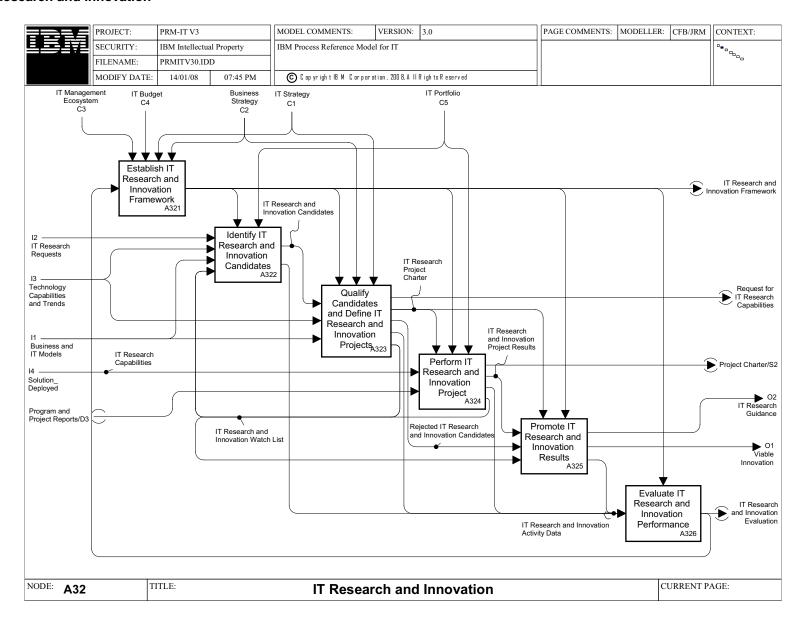
#### A3 Direction



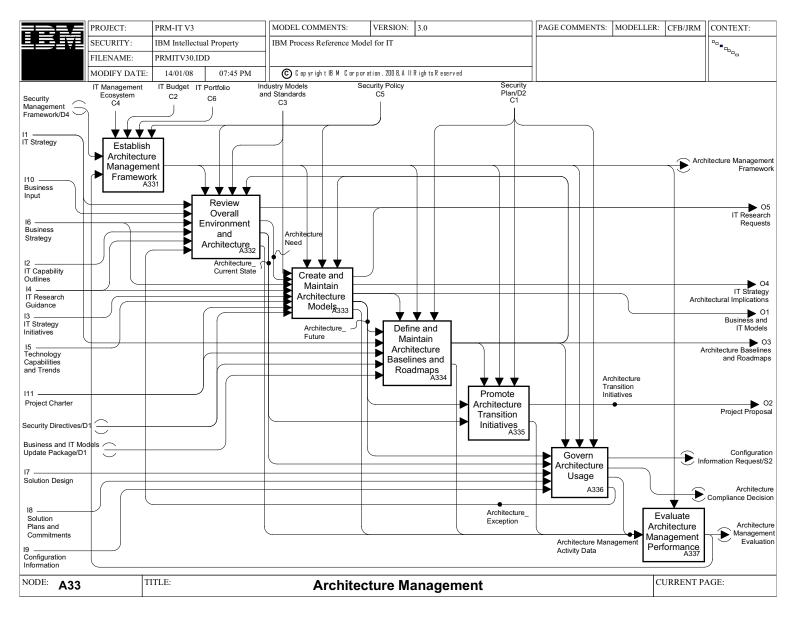
# A31 IT Strategy



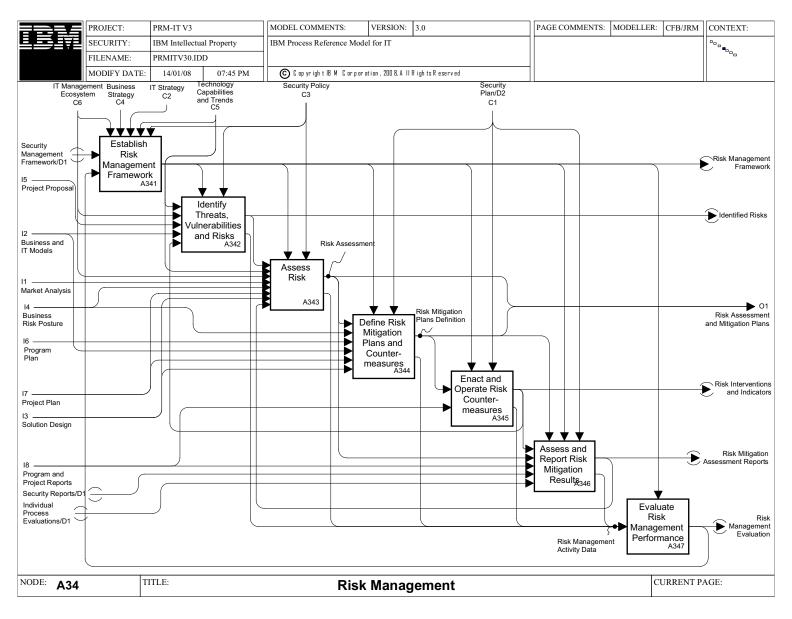
#### A32 IT Research and Innovation



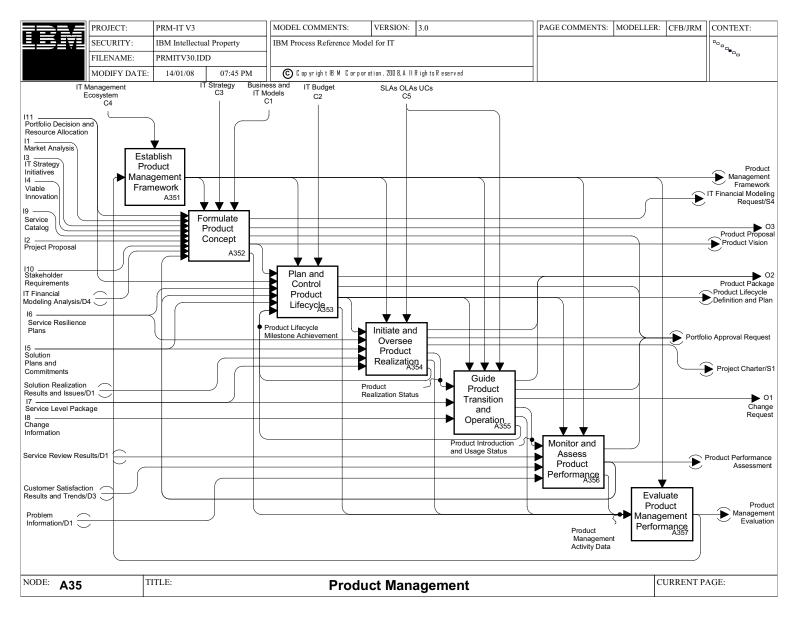
# **A33 Architecture Management**



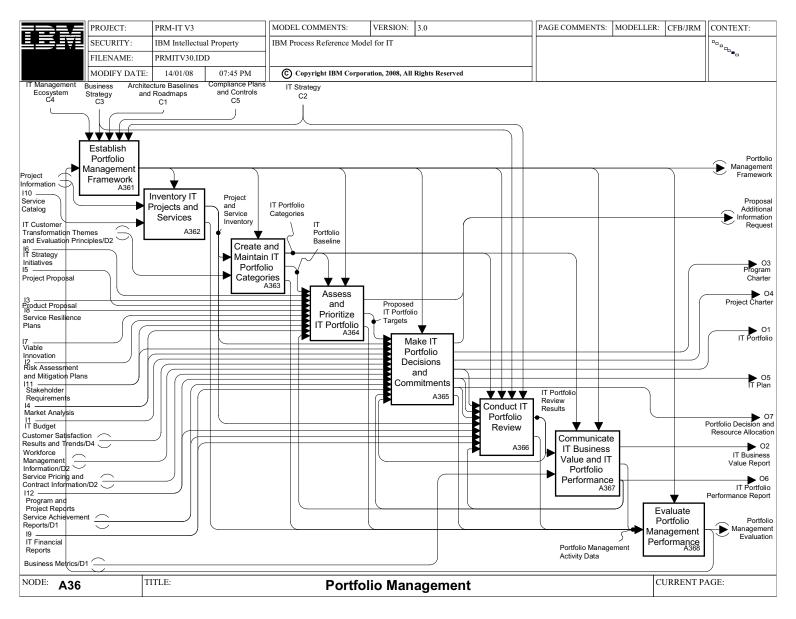
# A34 Risk Management



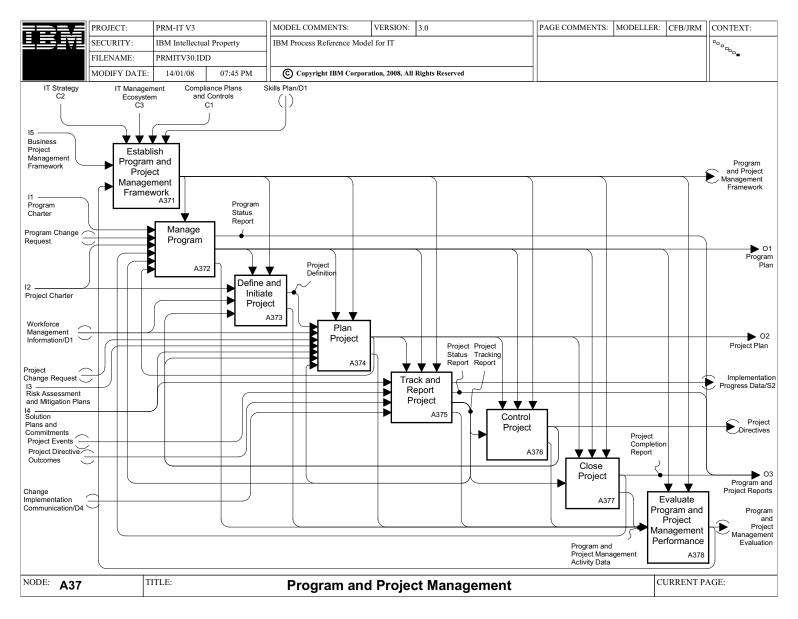
# **A35 Product Management**



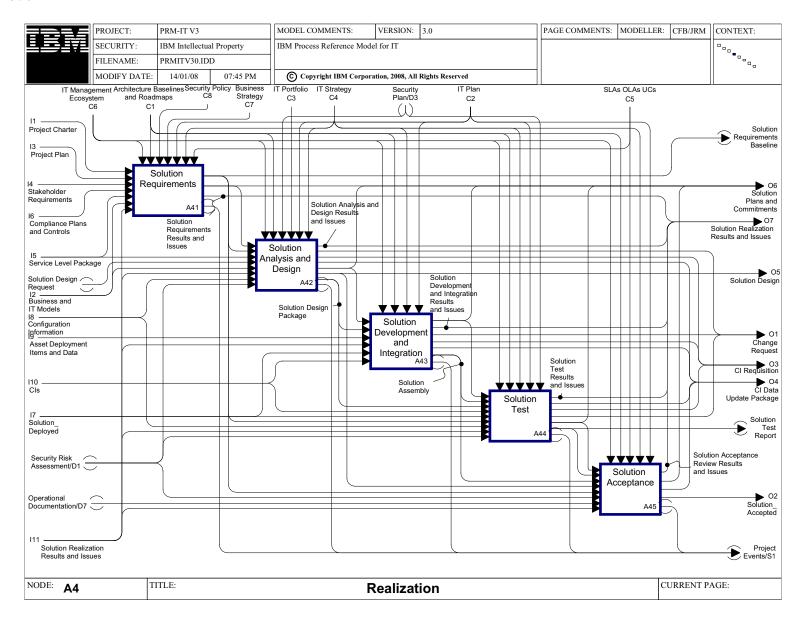
# **A36 Portfolio Management**



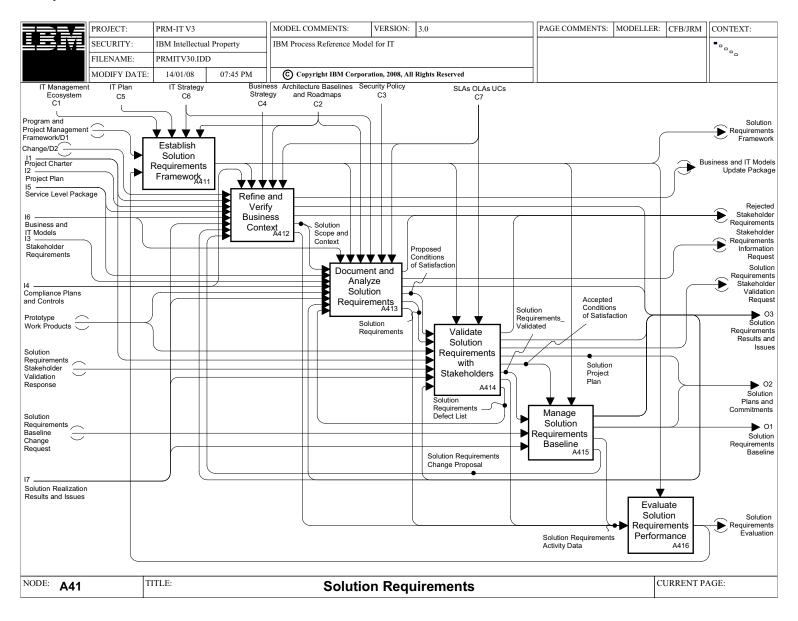
# **A37 Program and Project Management**



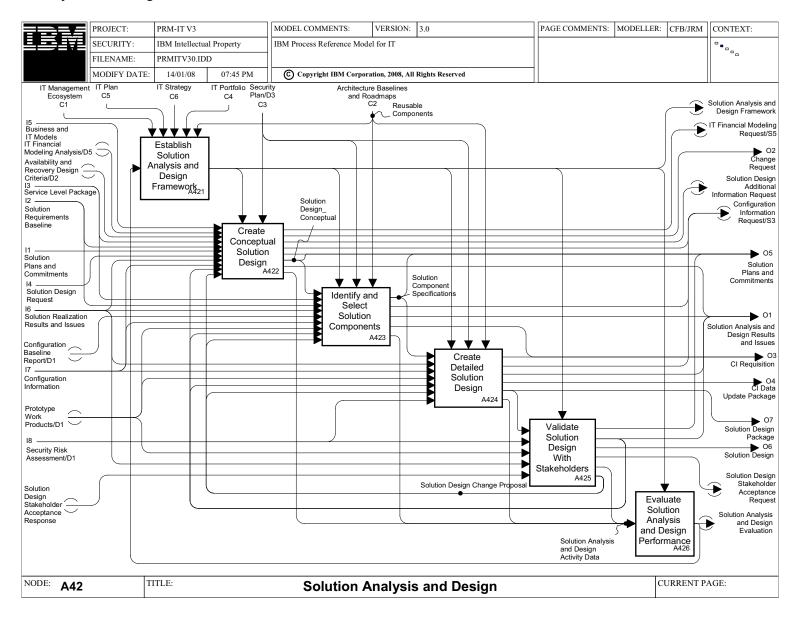
#### A4 Realization



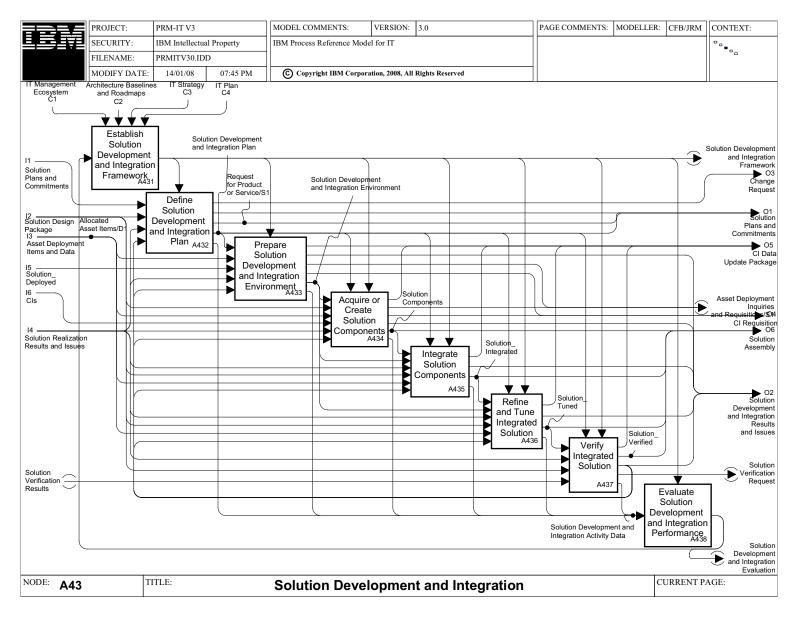
#### **A41 Solution Requirements**



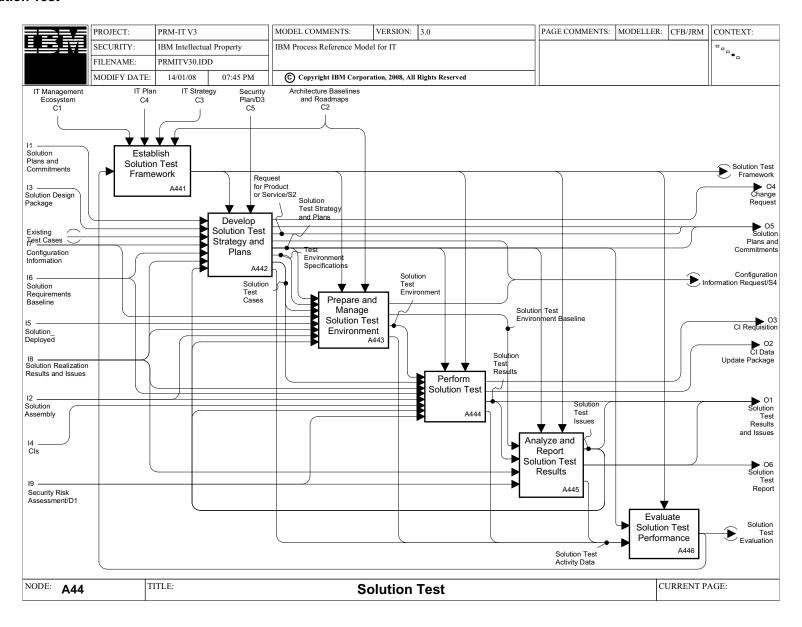
#### A42 Solution Analysis and Design



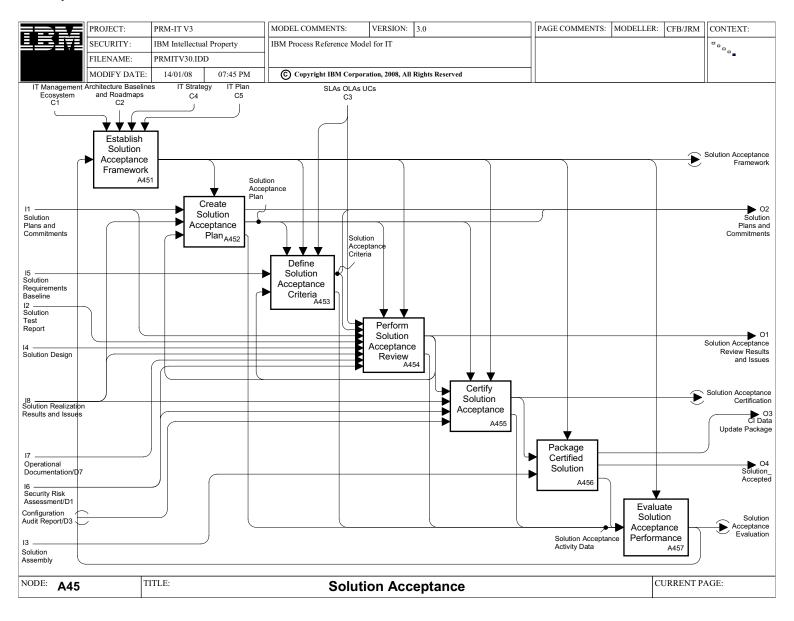
# **A43 Solution Development and Integration**



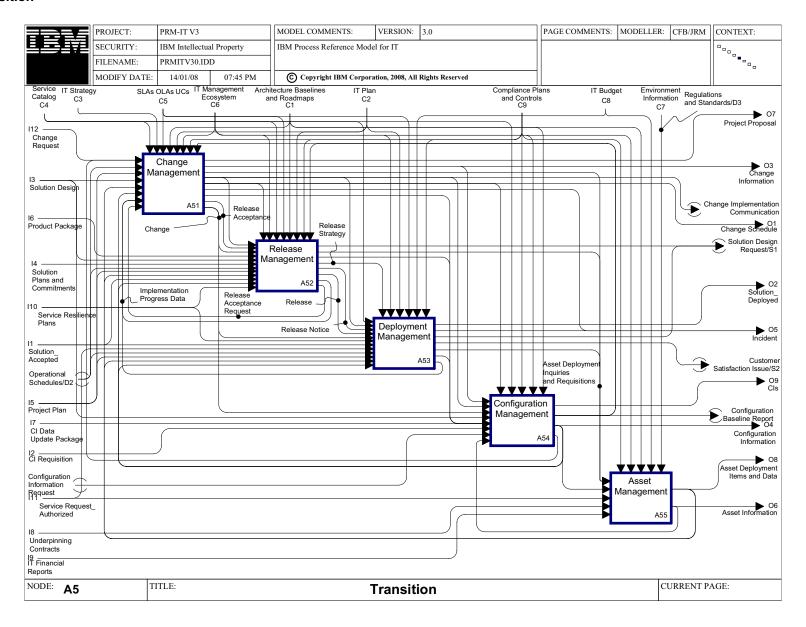
#### **A44 Solution Test**



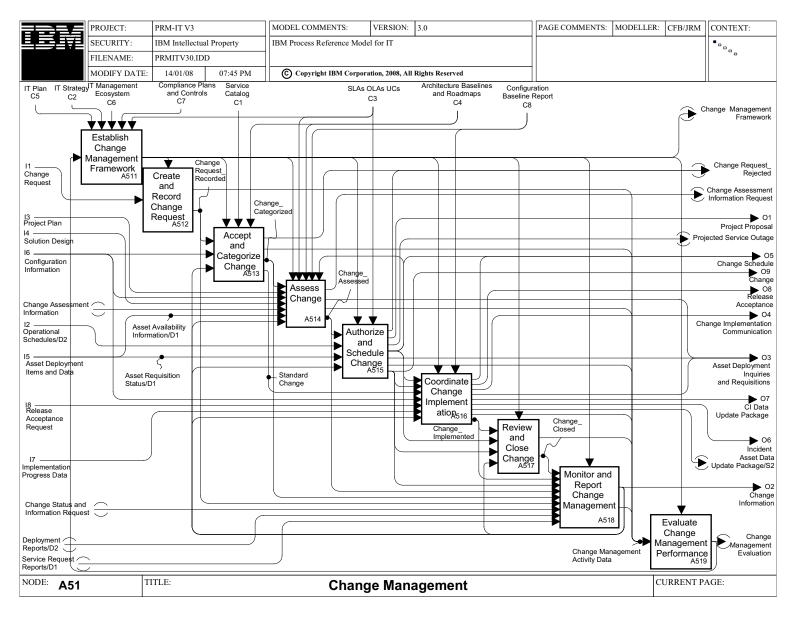
# **A45 Solution Acceptance**



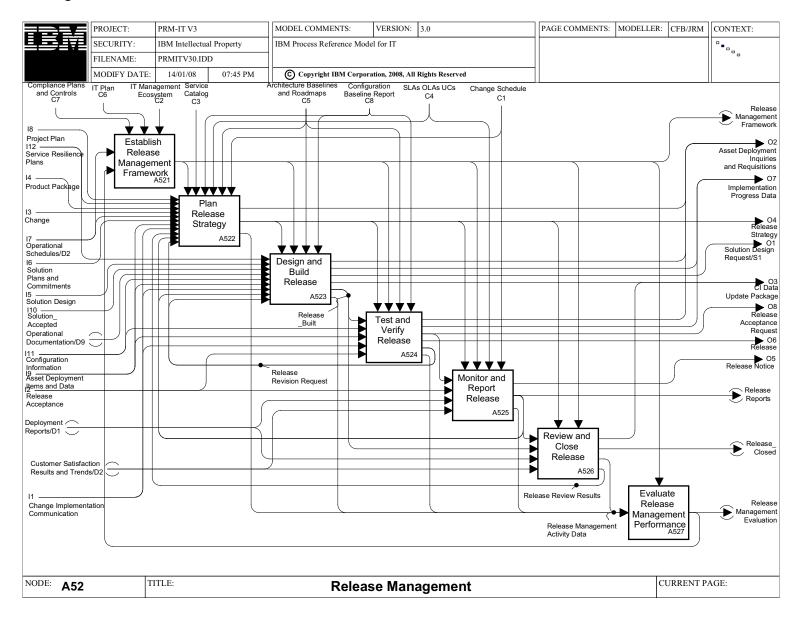
#### **A5** Transition



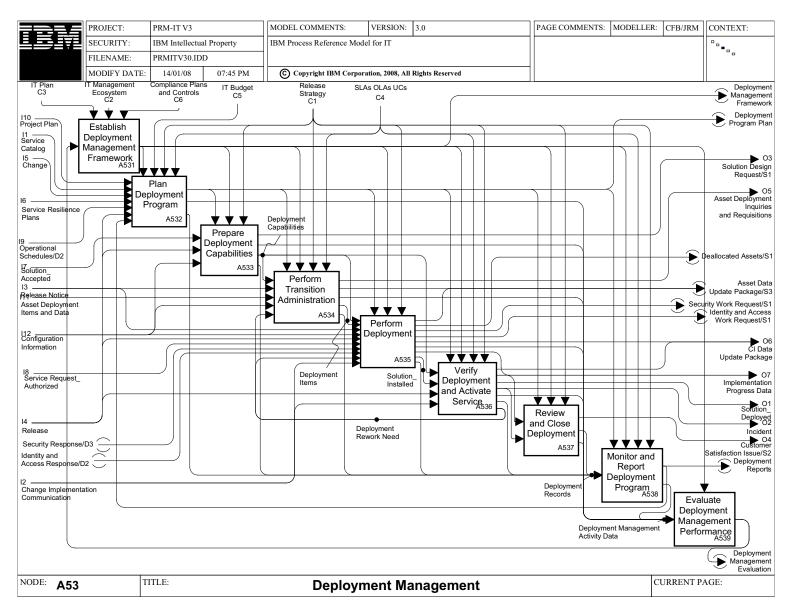
## **A51 Change Management**



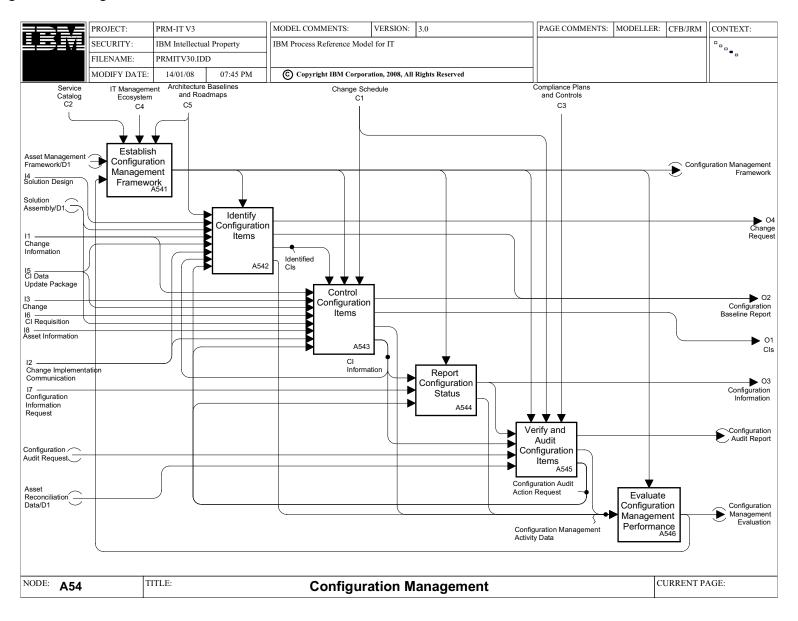
## **A52 Release Management**



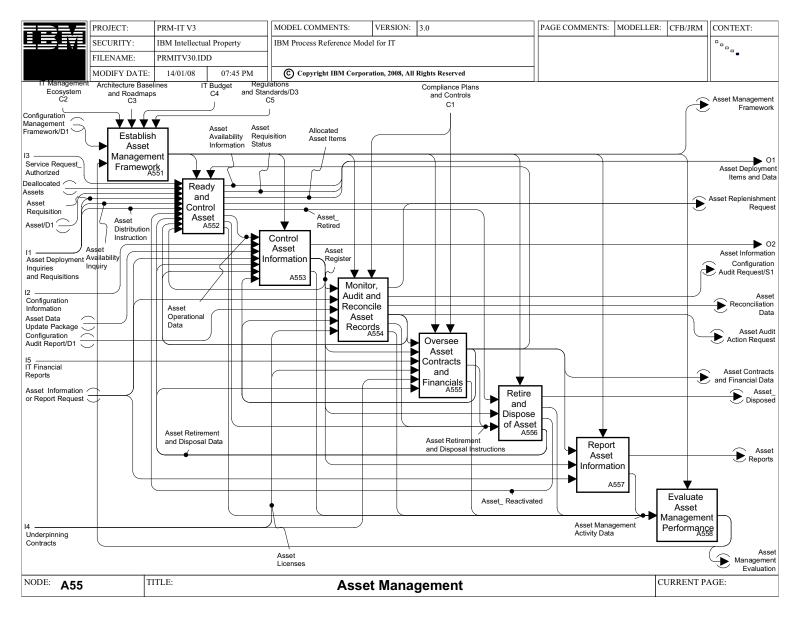
## **A53 Deployment Management**



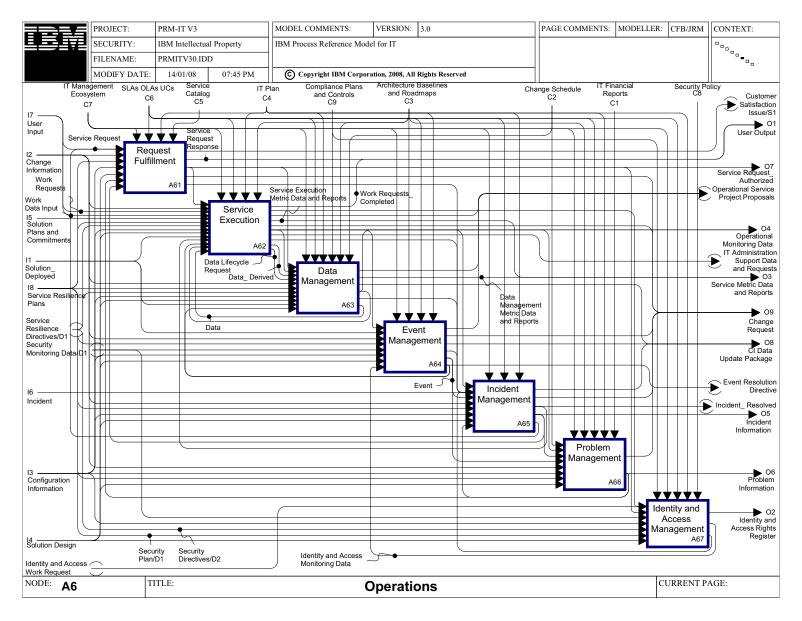
### **A54 Configuration Management**



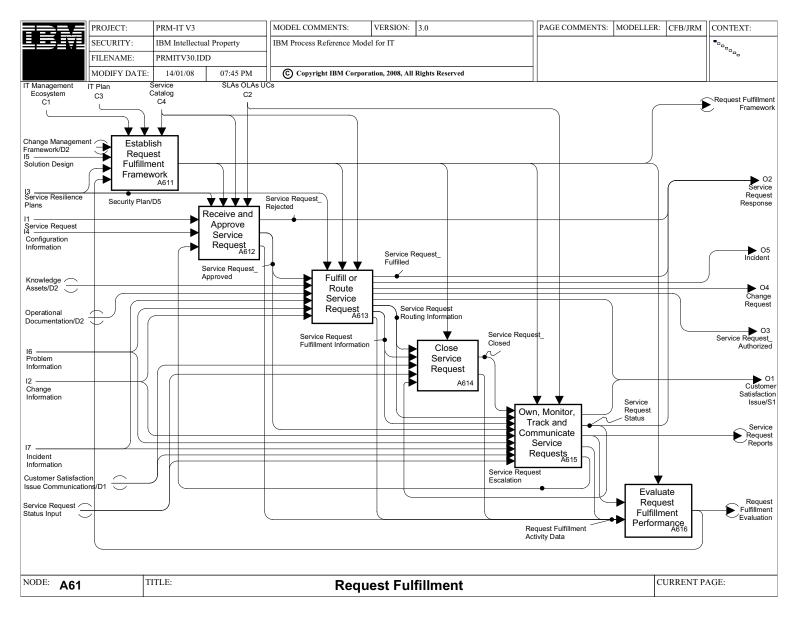
## **A55 Asset Management**



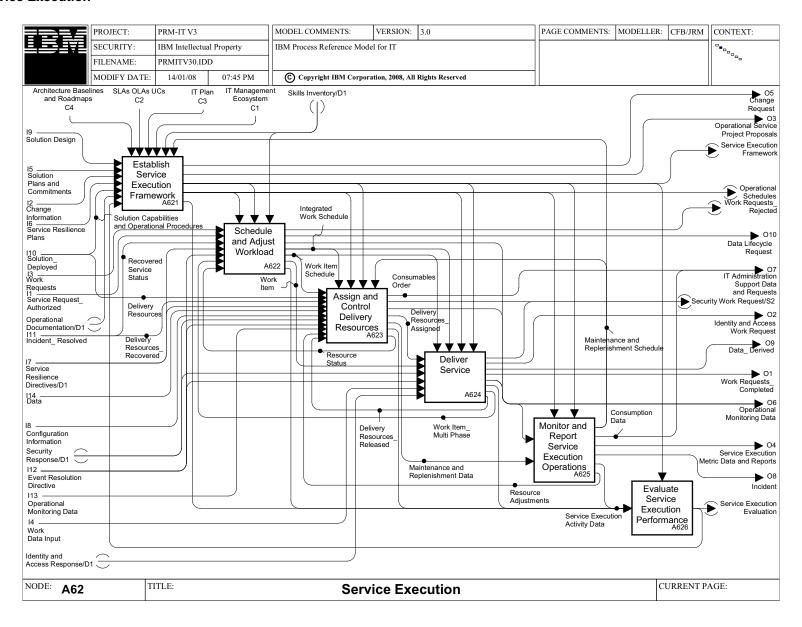
### **A6 Operations**



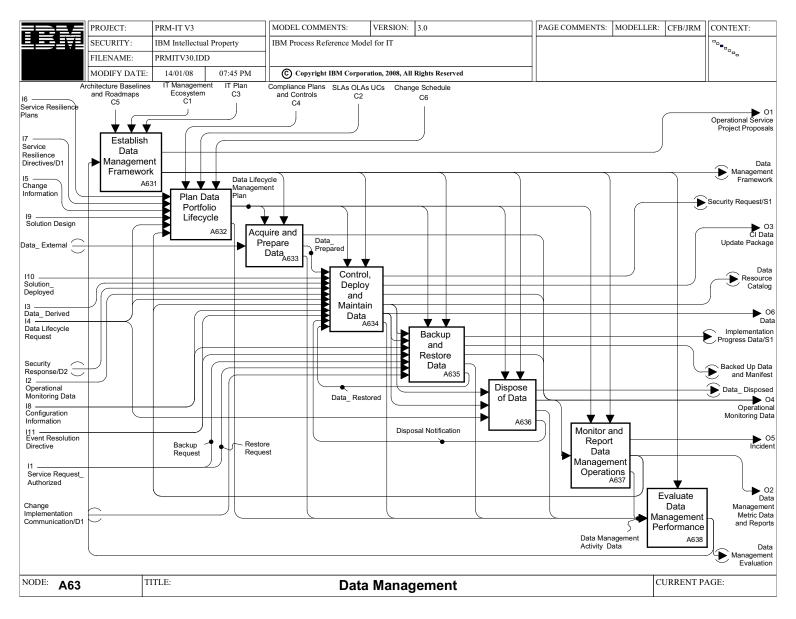
## **A61 Request Fulfillment**



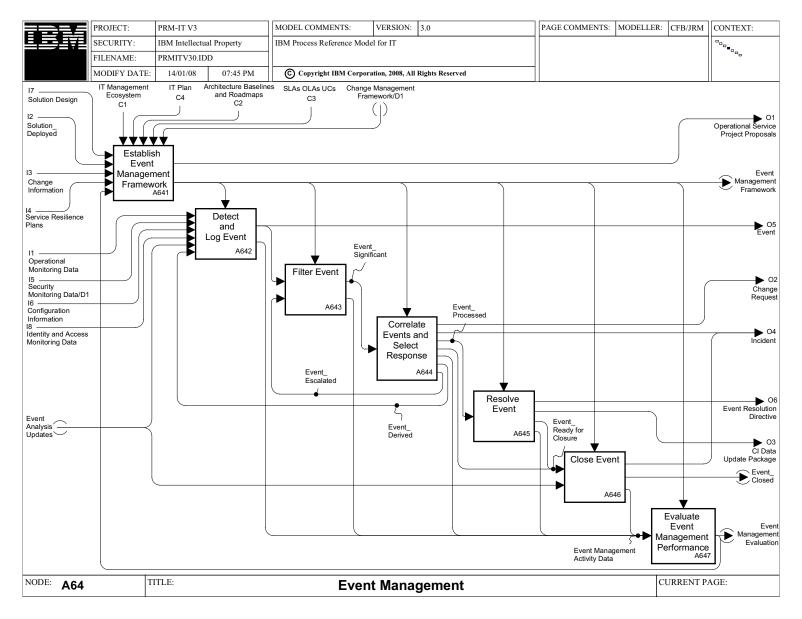
#### **A62 Service Execution**



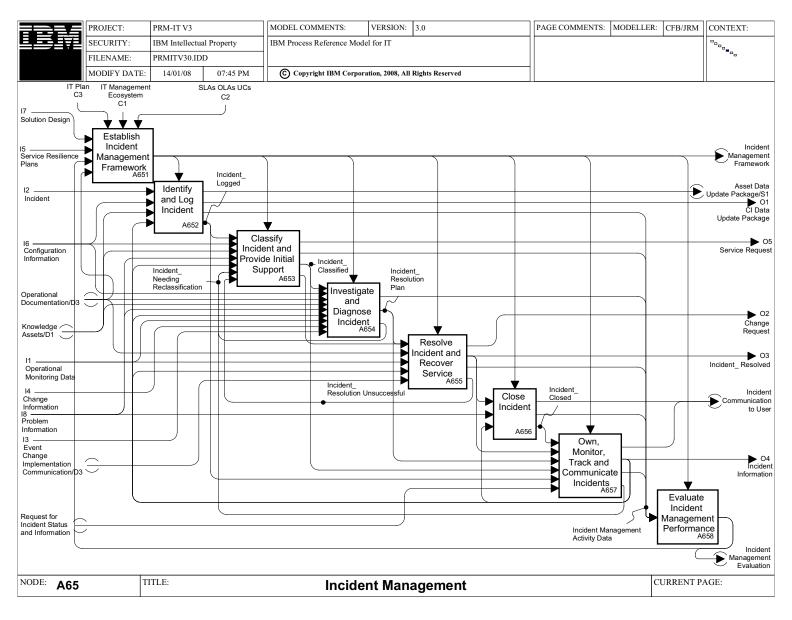
## A63 Data Management



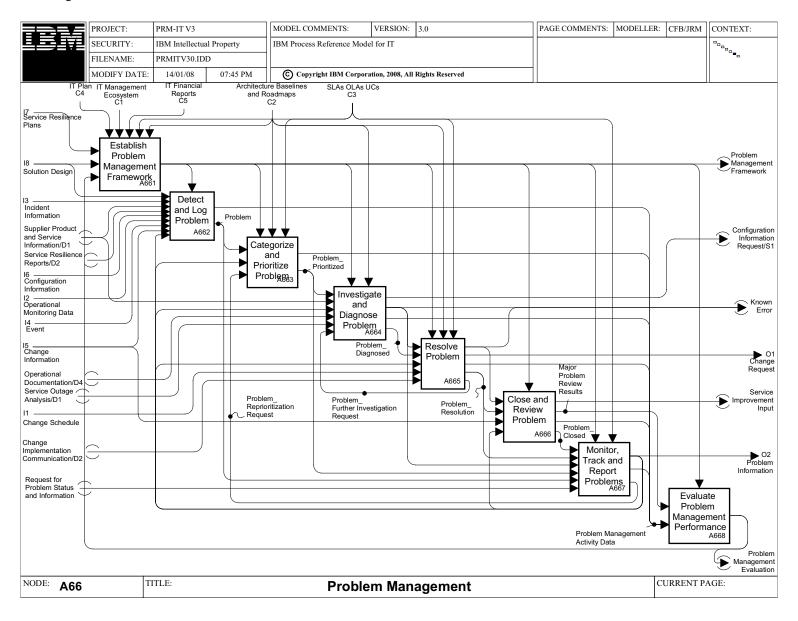
## **A64 Event Management**



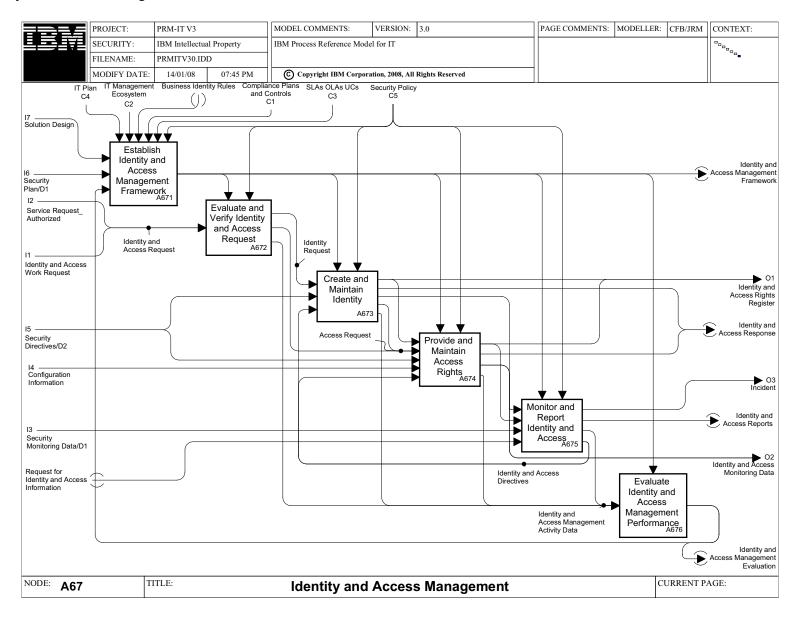
### **A65 Incident Management**



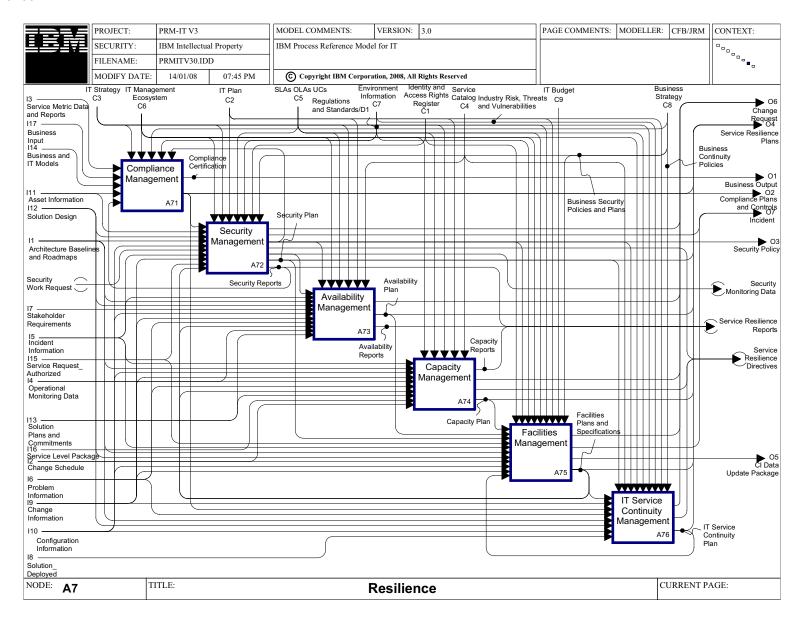
### **A66 Problem Management**



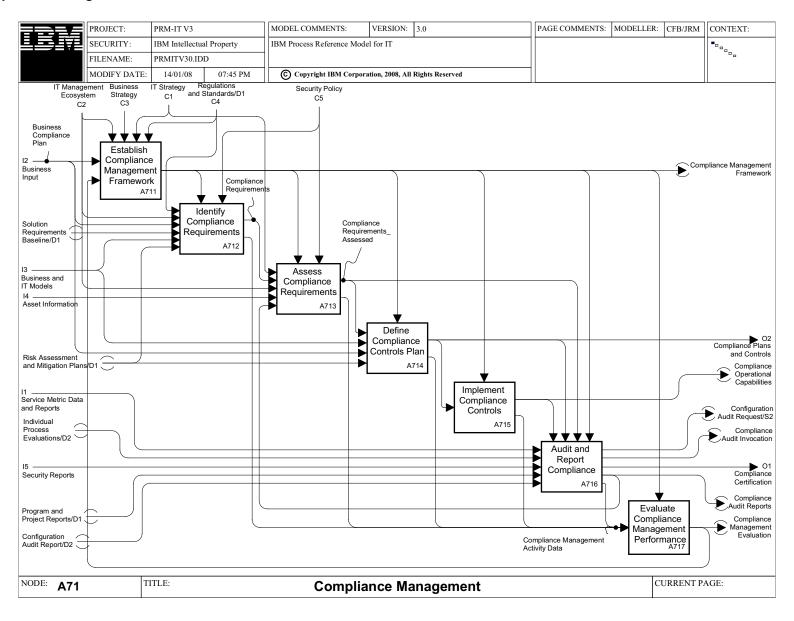
### **A67 Identity and Access Management**



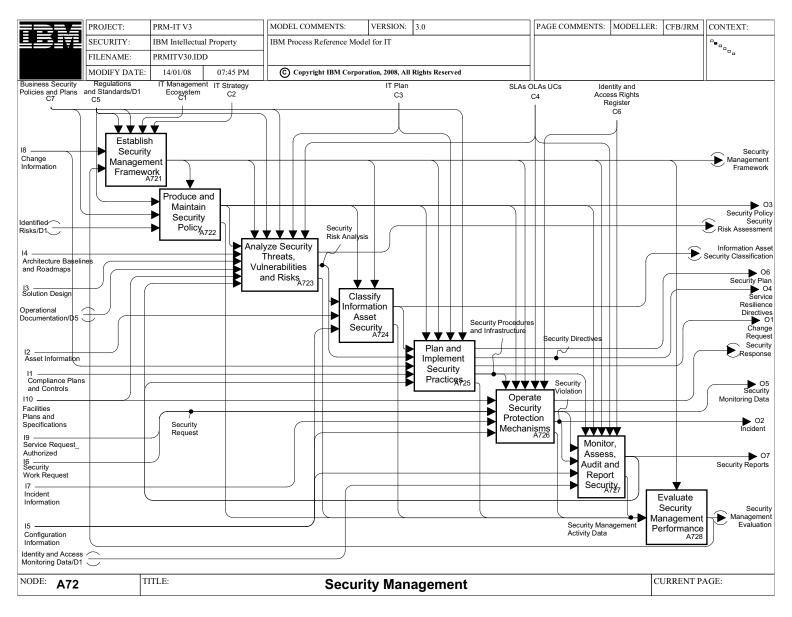
#### A7 Resilience



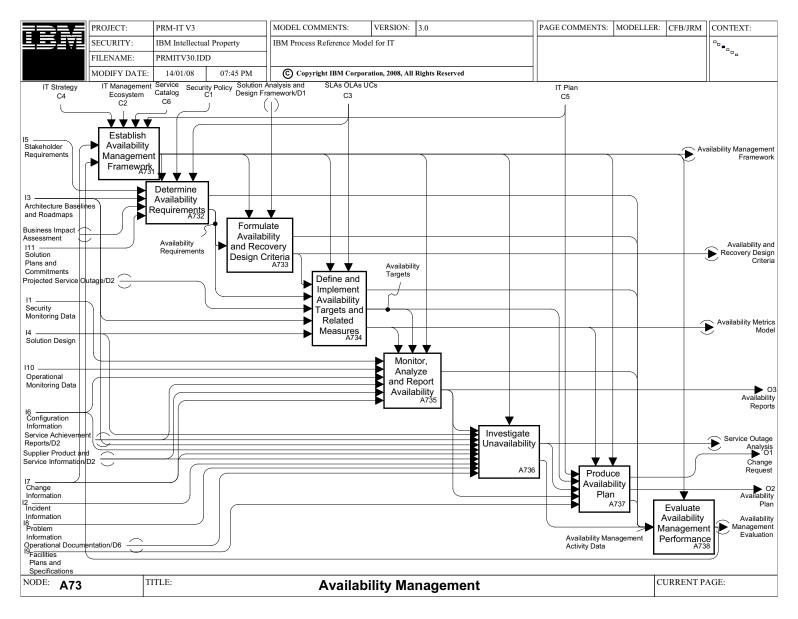
### **A71 Compliance Management**



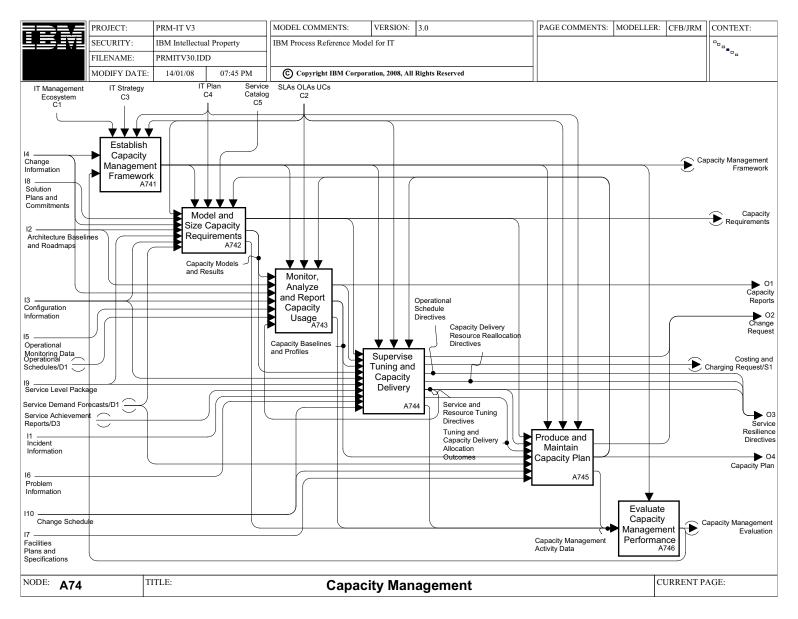
# **A72 Security Management**



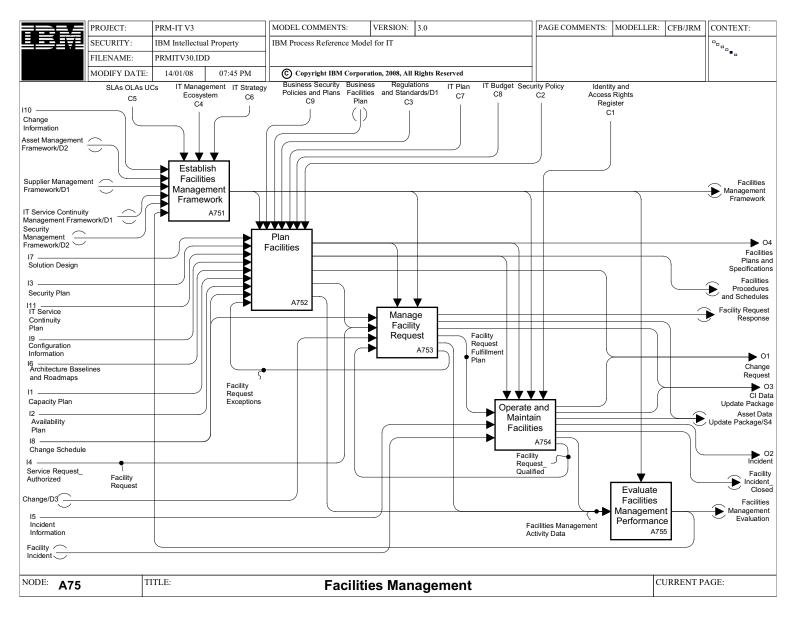
## **A73 Availability Management**



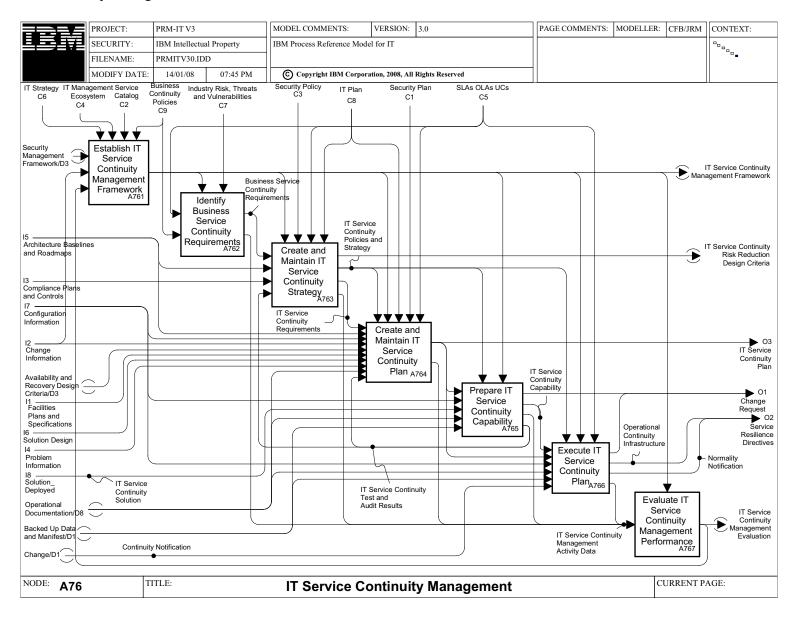
## **A74 Capacity Management**



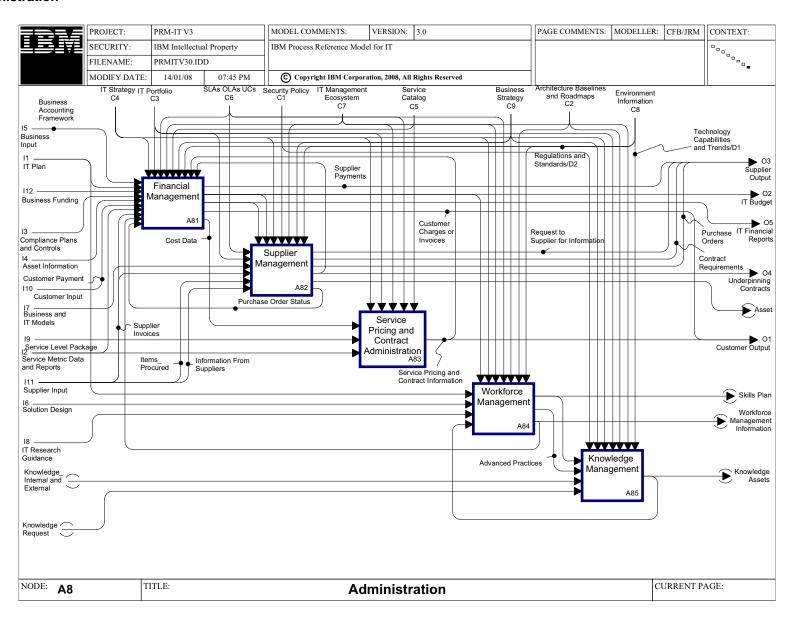
## **A75 Facilities Management**



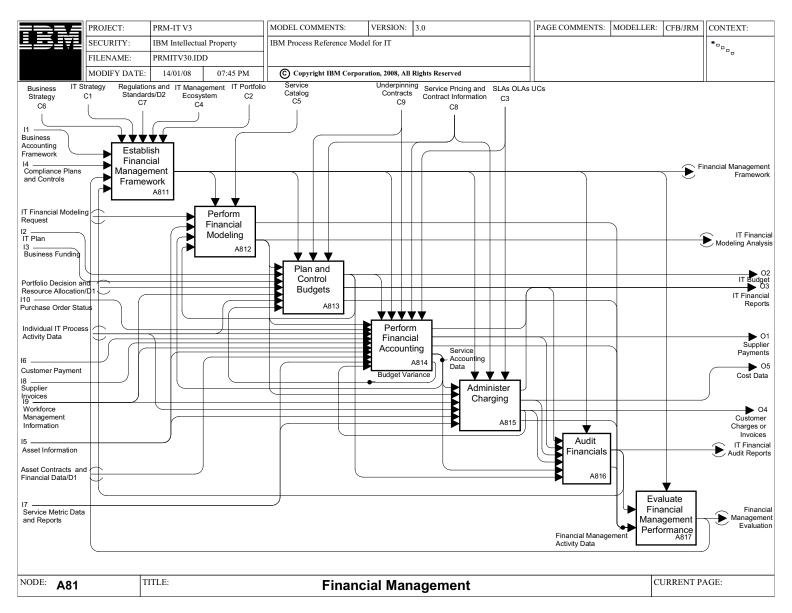
### **A76 IT Service Continuity Management**



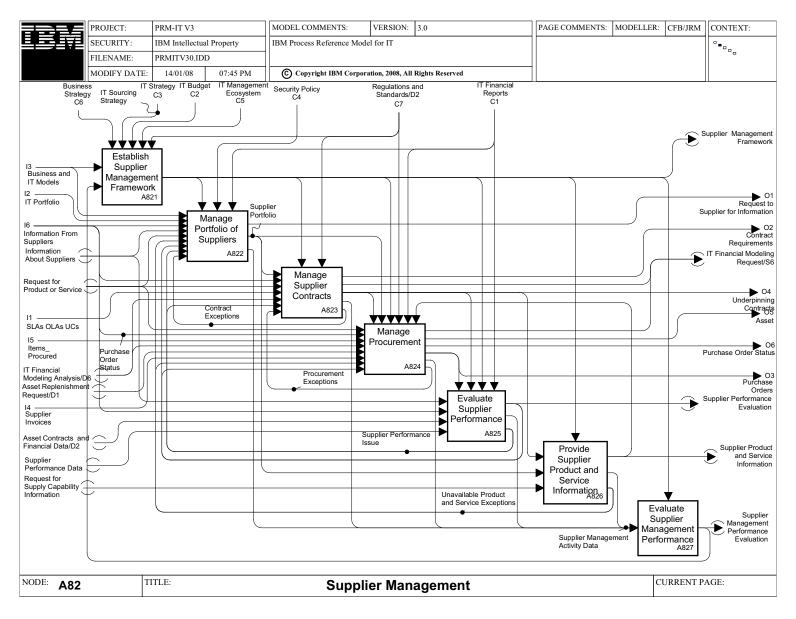
#### A8 Administration



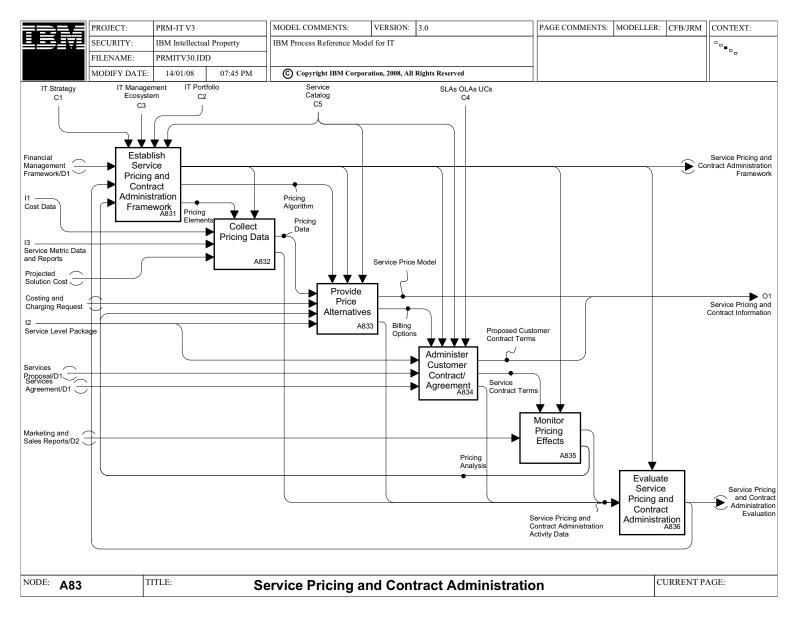
## **A81 Financial Management**



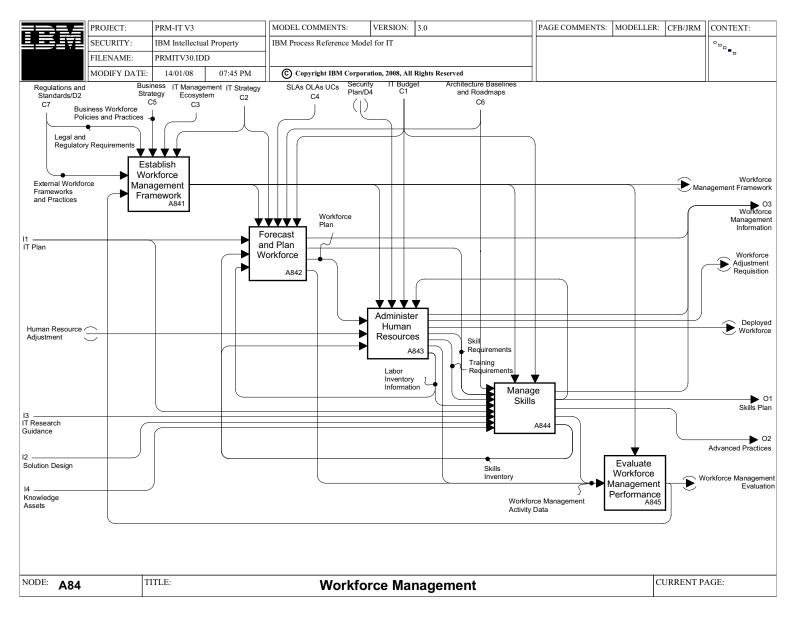
## **A82 Supplier Management**



## **A83 Service Pricing and Contract Administration**



## **A84 Workforce Management**



### **A85 Knowledge Management**

