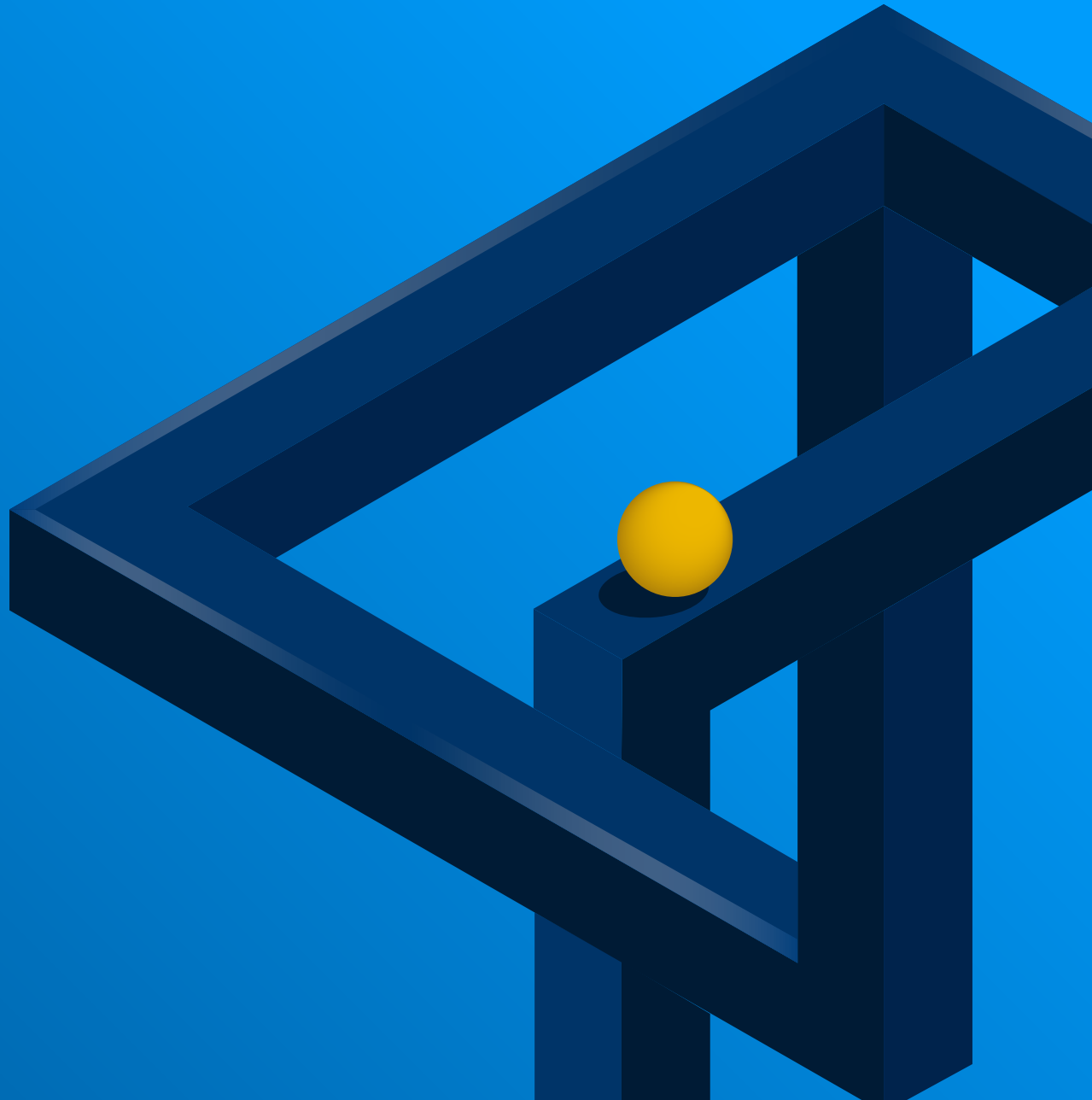




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ArchiMate[®] 3.2

Concepts



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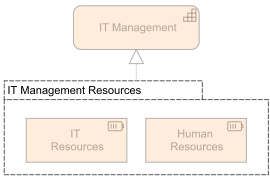
V

Value
Value Stream

W

Work Package

Composition Elements [↑]

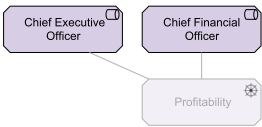


Grouping
Grouping *IT Management Resources* is composed of the resources *IT Resources* and *Human Resources*, and realizes the capability *IT Management*

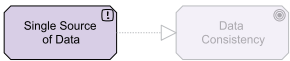


Location [↑]
Tokyo and *Rotterdam* are the locations of facilities *Manufacturing Plant* and *Distribution Center*.

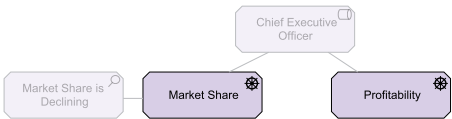
Motivation Elements [↑]



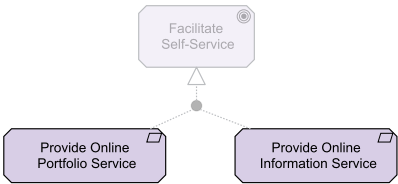
Stakeholder
Stakeholders Chief Executive Officer and *Chief Financial Officer* share a common driver *Profitability*.



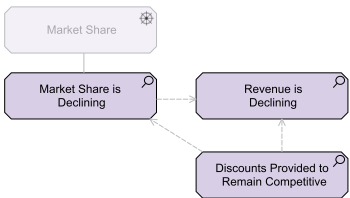
Principle
Principle *Single Source of Data* serves as a means to achieve goal *Data Consistency*.



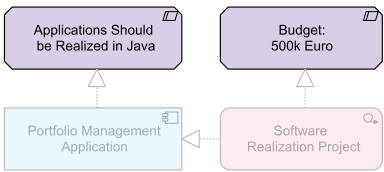
Driver
Market Share and *Profitability* are drivers for the *stakeholder Chief Executive Officer*.



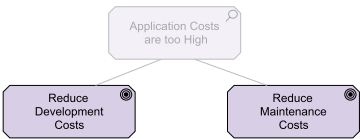
Requirement
Goal *Facilitate Self-Service* can be realized by requirements *Provide Online Portfolio Service* and *Provide Online Information Service*.



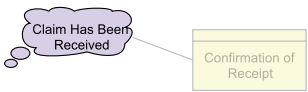
Assessment
Market Share is Declining, *Revenue is Declining*, and *Discounts Provided to Remain Competitive* are assessments of driver *Market Share*.



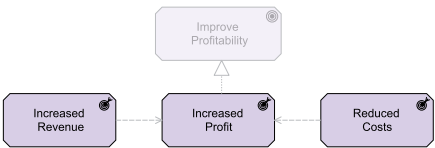
Constraint
Applications Should be Realized in Java and *Budget 550k Euro* are constraints for the realization of the *Portfolio Management Application*.



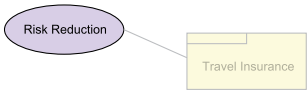
Goal
Reduce Development Costs and *Reduce Maintenance Costs* are goals to address the assessment *Application Costs* are *too High*.



Meaning
Claim Has Been Received is the meaning of business object *Confirmation of Receipt*.

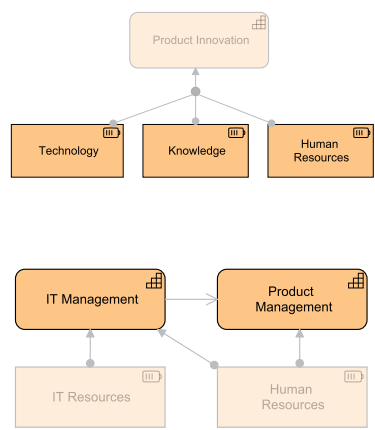


Outcome
Increased Revenue, *Increased Profit*, and *Reduced Costs* are the intended outcomes of goal *Improve Profitability*.



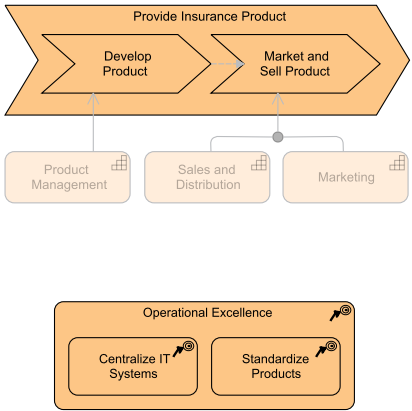
Value
Risk Reduction can be achieved by product *Travel Insurance*.

Strategy Elements [↑]



Resource
Resources *Technology*, *Knowledge*, and *Human Resources* are (collectively) assigned to capability *Product Innovation*.

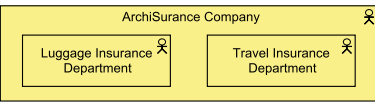
Capability
Capability *IT Management* has assigned the resources *IT Resources* and *Human Resources*, *Product Management* has assigned resource *Human Resources*.



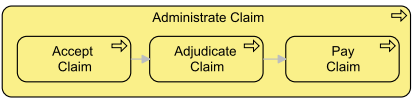
Value Stream
The Value stream *Provide Insurance Product* consists of two stages, *Develop Product* and *Market and Sell Product*, supported by capabilities *Product Management*, *Sales and Distribution*, and *Marketing*.

Course of Action
Operational Excellence consists of the sub-courses of action *Centralize IT Systems* and *Standardize Products*.

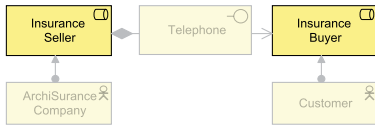
Business Layer [↑]



Business Actor
ArchiSurance Company consists of actors *Luggage Insurance Department* and *Travel Insurance Department*.



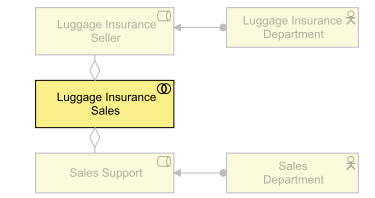
Business Process
Administrate Claim consists of sub-processes *Accept Claim*, *Adjudicate Claim*, and *Pay Claim*.



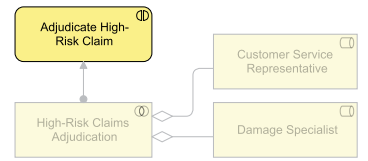
Business Role
Insurance Seller is carried out by actor *ArchiSurance Company*. *Insurance Buyer* is carried out by *Customer*.



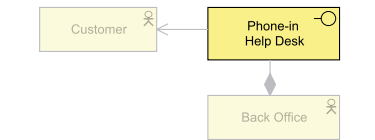
Business Function
Business function *Claim Acceptance* sends information to business function *Claim Handling*.



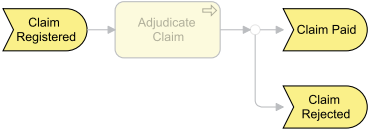
Business Collaboration
Luggage Insurance Seller and *Sales Support* together carry out *Luggage Insurance Sales*.



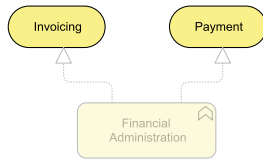
Business Interaction
Interaction *Adjudicate High-Risk Claim* is carried out as collaboration between *Customer Service Representative* and *Damage Specialist*.



Business Interface
Actor *Customer* uses interface *Phone-in Help Desk*, which is delivered by actor *Back Office*.



Business Event
Event *Claim Registered* triggers process *Adjudicate Claim*, which triggers *Claim Paid* or *Claim Rejected*.



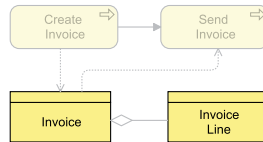
Business Service

Services *Invoicing* and *Payment* are realized by function *Financial Administration*.



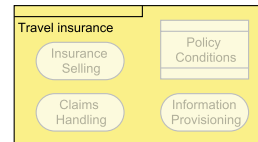
Representation

Object *Damage Claim* is realized (represented) by *Damage Form*.



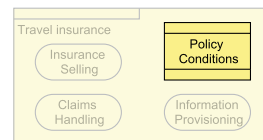
Business Object

Invoice aggregates *Invoice Line*. *Create Invoice* creates *Invoice*. *Invoice* is accessed by *Send Invoice*.



Product

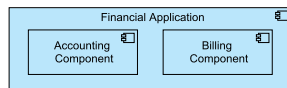
Product *Travel Insurance* consists of contract *Policy Conditions* and services *Insurance Selling*, *Claims Handling*, and *Information Provisioning*.



Contract

Contract *Policy Conditions* belongs to product *Travel Insurance*.

Application Layer



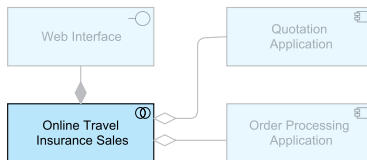
Application Component

Component *Financial application* consists of the sub-components *Accounting Component* and *Billing Component*.



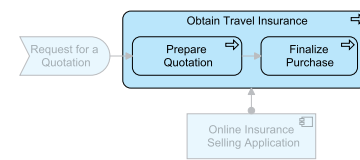
Application Interaction

Interaction *Sell Insurance* is carried out by collaboration *Online Travel Insurance Sales*.



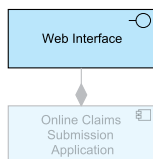
Application Collaboration

Online Travel Insurance Sales is a collaboration of *Quotation Application* and *Order Processing Application*.



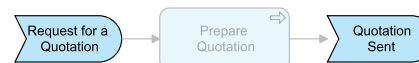
Application Process

Process *Obtain Travel Insurance* consists of sub-processes *Prepare Quotation* and *Finalize Purchase*, and is performed by component *Online Insurance Selling Application*.



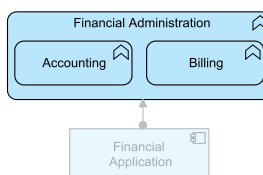
Application Interface

Component *Online Claims Submission Application* has an interface *Web Interface*.



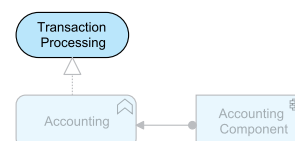
Application Event

Event *Request for a Quotation* triggers process *Prepare Quotation*, which triggers *Quotation Sent*.



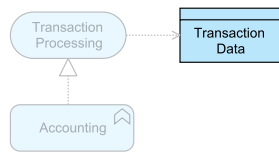
Application Function

Function *Financial Administration* consists of sub-functions *Accounting* and *Billing*, and is carried out by component *Financial Application*.



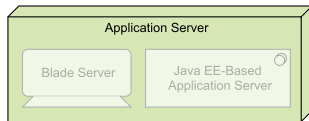
Application Service

Service *Transaction Processing* is realized by function *Accounting*.



Data Object
Object *Transaction Data* is exchanged within service *Transaction Processing*.

Technology Layer [↑]



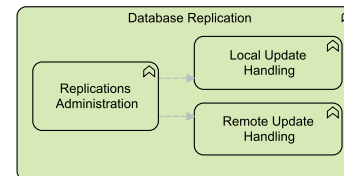
Node
Node *Application Server* consists of device *Blade Server* and system software *Java EE-Based Application Server*.



Communication Network
Communication network *LAN* connects devices *Blade Server* and *Mainframe*.



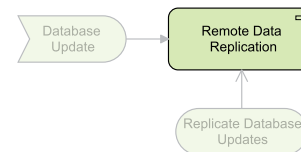
Device
Devices *Blade Server* and *Mainframe* are connected via communication network *LAN*.



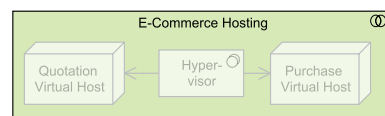
Technology Function
Database Replication consists of sub-functions *Replications Administration*, *Local Update Handling*, and *Remote Update Handling*.



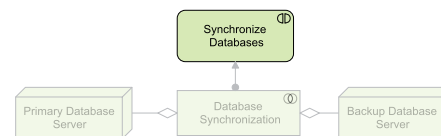
System Software
Device *Mainframe* deploys system software *Transaction Server* and *DBMS*.



Technology Process
Process *Remote Data Replication* is triggered by event *Database Update* and served by service *Replicate Database Updates*.



Technology Collaboration
E-Commerce Hosting is a collaboration between system software *Hypervisor* and nodes *Quotation Virtual Host* and *Purchase Virtual Host*.



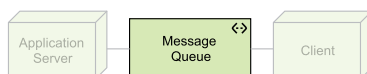
Technology Interaction
Synchronize Databases is carried out as collaboration *Database Synchronization* between nodes *Primary Database Server* and *Backup Database Server*.



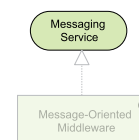
Technology Interface
Client Interface is part of the *Client/Server Software*.



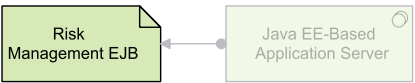
Technology Event
Event *Database Update* triggers process *Remote Data Replication*.



Path
Message Queue is a path between nodes *Application Server* and *Client*.

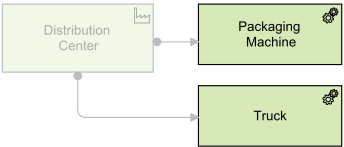


Technology Service
Messaging Service is realized by system software *Message-Oriented Middleware*.



Artifact
Risk Management EJB has assigned system software *java EE-based Application Server*.

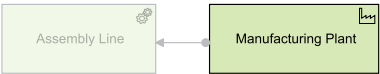
Physical Elements [↑]



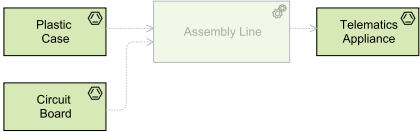
Equipment
Packaging Machine and *Truck* have assigned facility *Distribution Center*.



Distribution Network
Overseas Shipping connects facilities *Manufacturing Plant* and *Distribution Center*.

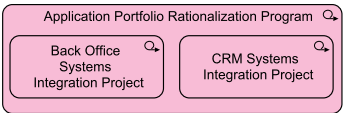


Facility
Manufacturing Plant is assigned to equipment *Assembly Line*.



Material
Assembly Line makes use of materials *Plastic Case* and *Circuit Board* to produce material *Telematics Appliance*.

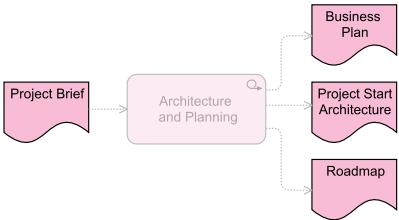
Implementation and Migration Elements [↑]



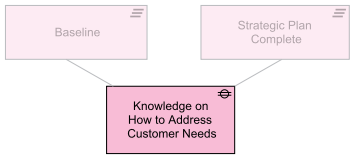
Work Package
Back Office Systems Integration Project and *CRM Systems Integration Project* are part of the *Application Portfolio Rationalization Program*.



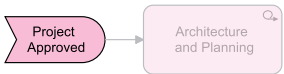
Plateau
Migration from the plateau *Baseline* to plateau *Target* with intermediate plateau *Transition*.



Deliverable
Deliverable *Project Brief* is accessed by work package *Architecture and Planning*, resulting in *Business Plan*, *Project Start Architecture*, and *Roadmap*.

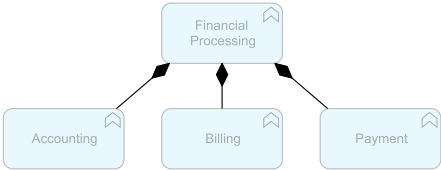


Gap
Gap *Knowledge on How to Address Customer Needs* shows the hiatus between the plateaus *Baseline* and *Strategic Plan Complete*.

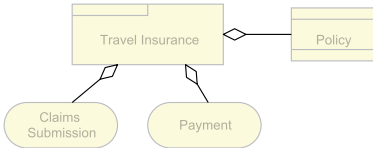


Implementation Event
Event *Project Approved* triggers work package *Architecture and Planning*.

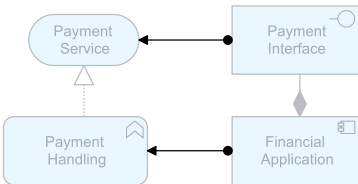
Relationships [↑]



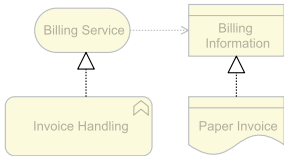
Composition Relationship]
Financial Processing is a composition of *Accounting*, *Billing*, and *Payment*.



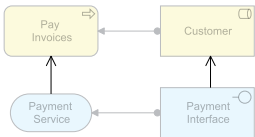
Aggregation Relationship
Travel Insurance is an aggregation of *Claim Submission*, *Payment*, and *Policy*.



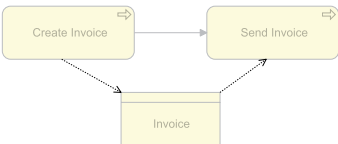
Assignment Relationship
Payment Interface is assigned to *Payment Service*. *Financial Application* is assigned to *Payment Handling*.



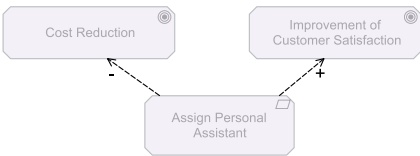
Realization Relationship
Invoice Handling realizes *Billing Service*. *Paper Invoice* realizes *Billing Information*.



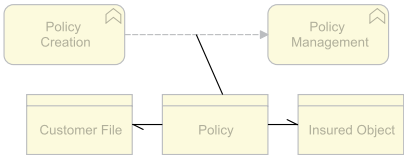
Serving Relationship
Payment Service serves *Pay Invoices*. *Payment Interface* serves *Customer*.



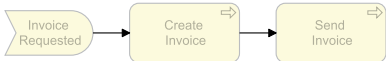
Access Relationship
Create Invoice accesses *Invoice*, and *Invoice* is accessed by *Send Invoice*.



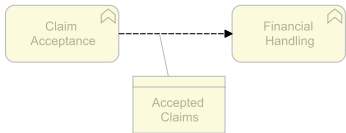
Influence Relationship
Assign Personal Assistant influences *Cost Reduction* and *Improvement of Customer Satisfaction*.



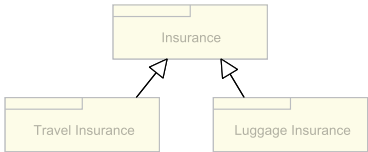
Association Relationship
Policy is associated with *Customer File* and *Insured Object*, and with the flow between *Policy Creation* and *Policy Management*.



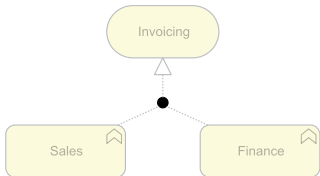
Triggering Relationship
Create Invoice triggers *Send Invoice*.



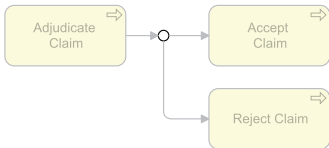
Flow Relationship
Flow *Accepted Claims* between business functions *Claim Acceptance* and *Financial Handling*.



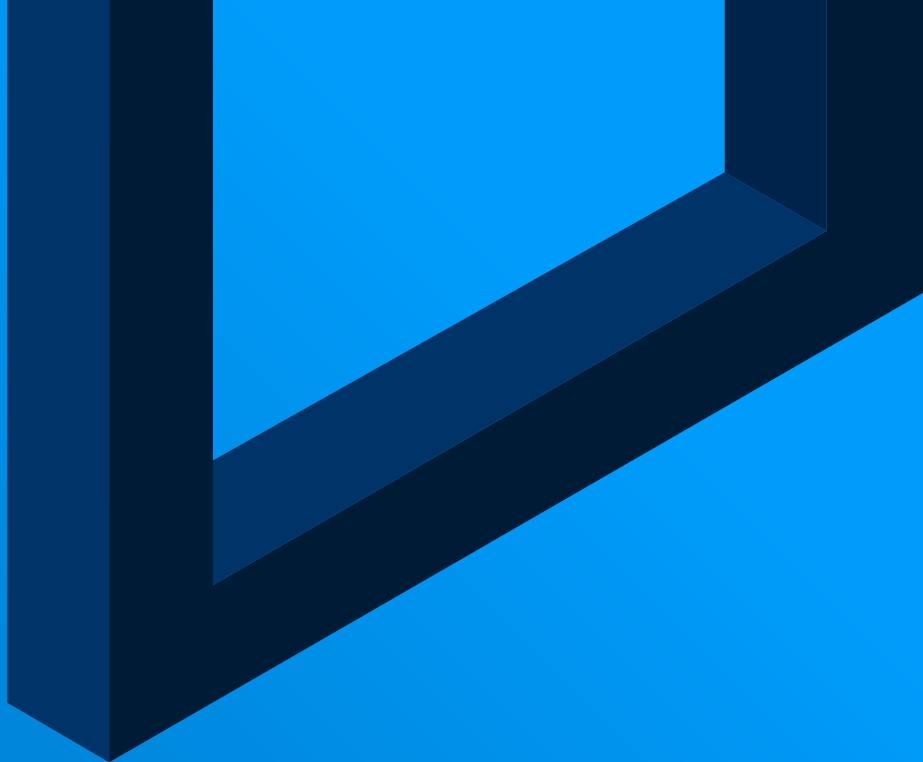
Specialization Relationship
Travel Insurance and *Luggage Insurance* are specializations of *Insurance*.



Junction
Functions *Sales* and *Finance* collectively realize service *Invoicing*.



OR Junction
After *Adjudicate Claim*, either *Accept Claim* or *Reject Claim* is triggered.



About Bizzdesign

Founded in 2000, Bizzdesign is the trusted global SaaS Enterprise Architecture platform and recognized as a leader by major analyst firms. We help the world's leading public and private organizations guarantee the success of investment prioritization, transformation initiatives, and risk management. Bizzdesign helps architects and executives to see a full multi-dimensional picture, find and design the right path and execute with confidence to their targeted future. Success should not be a matter of hope. It should be by design. For more information, visit: www.bizzdesign.com or follow us on [Twitter](#), [Facebook](#), and [LinkedIn](#).