



# NetLogistiX

Treating Data At Logical Level  
For Your Business Requirements

*eSols* worldwide Limited

# Business Needs in The New Economy

- Speed Of Information
- Quick And Reliable Information At Right Time For Analysis
- Connectivity For Data And Information Flow Across Geographical Locations
- Network Infrastructure At Different Geographical Locations
- Effective And Quick Decision Making

# Current Scenario

- Islands And Pockets Of Information
- Poor And Ineffective Connectivity
- Inadequate Information From Trading Partners And Associates
- Mismatch In Investment And IT Requirements
- Heterogeneous Environment

So, do we have a solution ?

**YES !!!!**

We Thought , A Solution That Maximizes  
The Utility Of All Available Paths To  
The Information Highway Would Be  
The Solution And Created A  
Customizable Data Exchange Solution

# NetLogistiX

The Message Passing  
MIDDLEWARE

# What Is NetLogistiX ?

- NetLogistiX Is A Message Passing Middleware Which Sits Between Remote Applications To Enable Data Exchange By Hiding All The Network Complexities And By Providing A Simple Interface.

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# What Does NetLogistiX Do ?

- NetLogistiX Allows The Transfer Of Data Across Multiple Sites Using Available Data Communication Channels, Thus Enabling Application To Access Data From Distributed Sites In A Transparent Manner.

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# How does NetLogistiX Work ?

- NetLogistiX Sets Up The Network Connection Between The Location Involved In Data Transfer And Then Starts Transferring Data Over The Established Connection
- NetLogistiX Supports Variety Of Connectivity- PSTN, ISDN, Dial up, E-mail, Leased line, Dialup Mail, VSAT.

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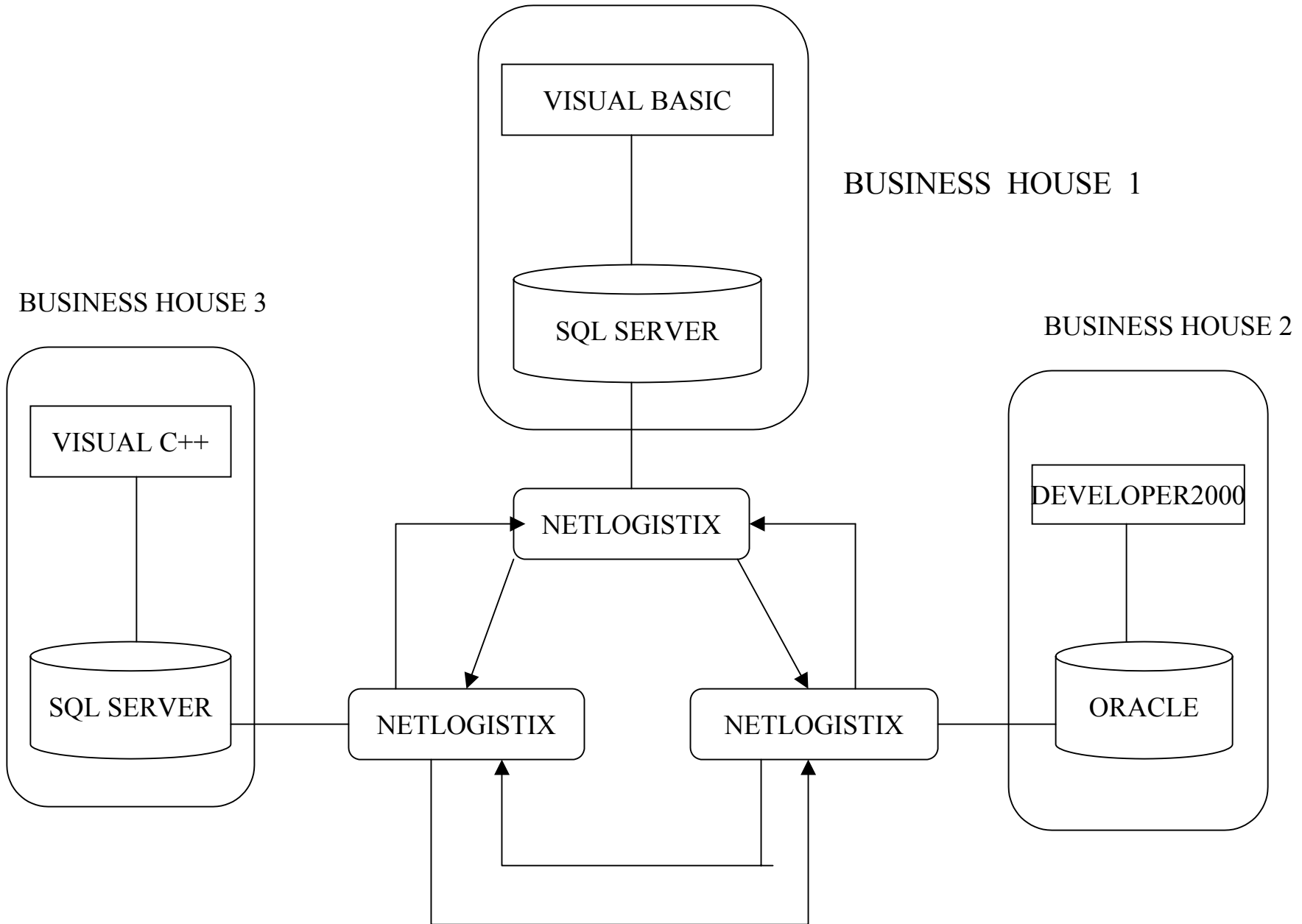
# Know More About It

- NetLogistiX Supports Multiple Connectivity Options Between Two Locations To Which Preferences Can Be Given
- NetLogistiX Automatically Switches Between Multiple Available Links According To The Predefined Preferences

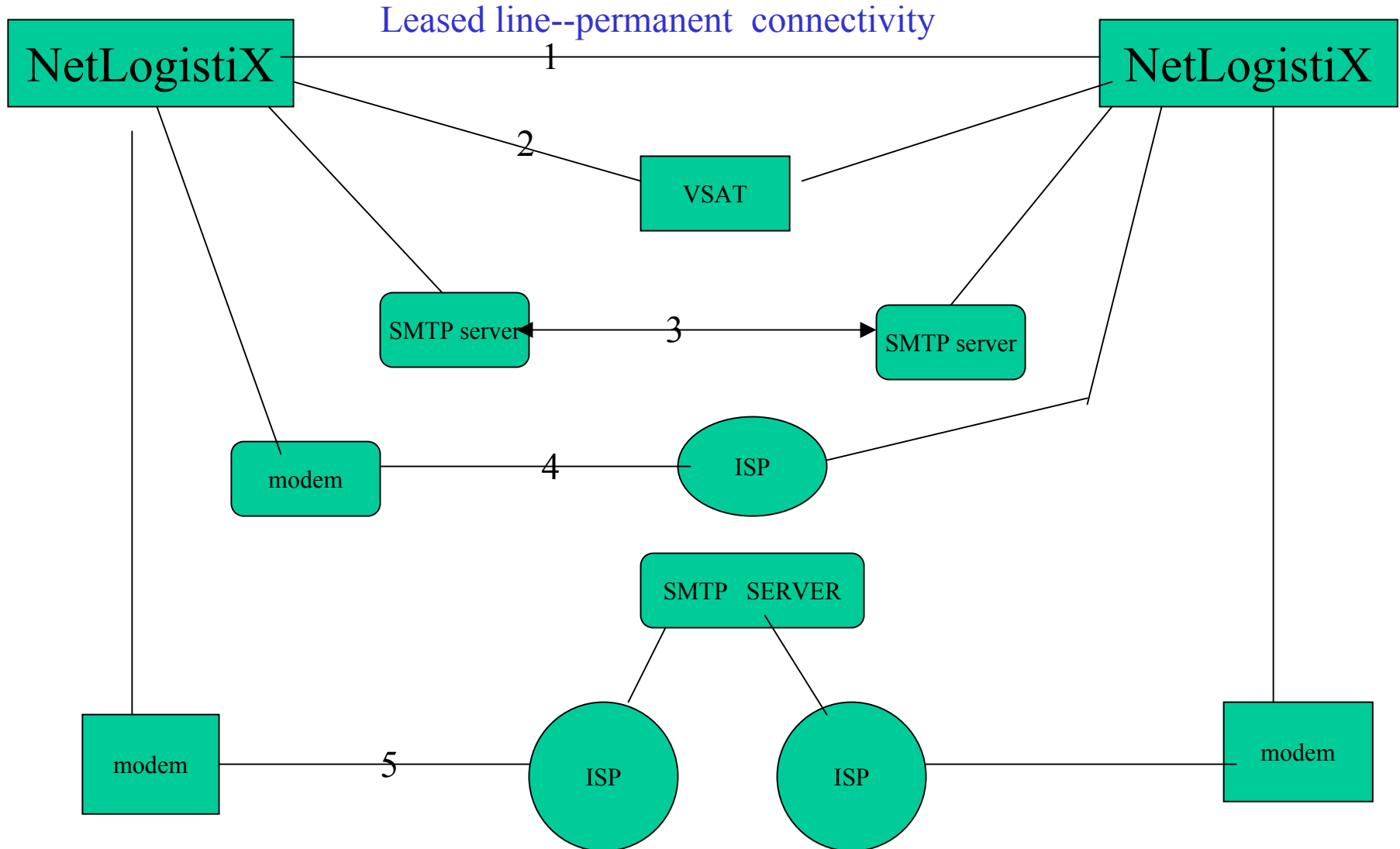
# Technical Overview of NetLogistiX

NetLogistiX integrates applications and databases by transferring batches and files.

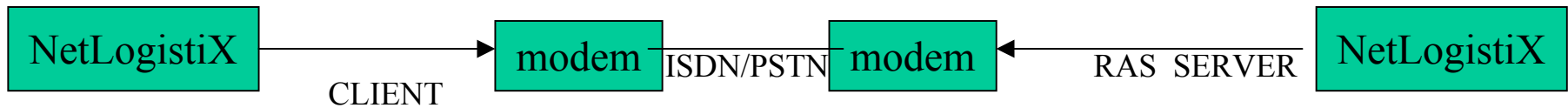
# Schematics Of NetLogistiX



# Connectivity Options



# Dial Up Connectivity



1. Leased Line -- Permanent Connectivity

2. VSAT

3. E-MAIL

4. Dial-Up / Leased Combination

5. Dial-Up Mail

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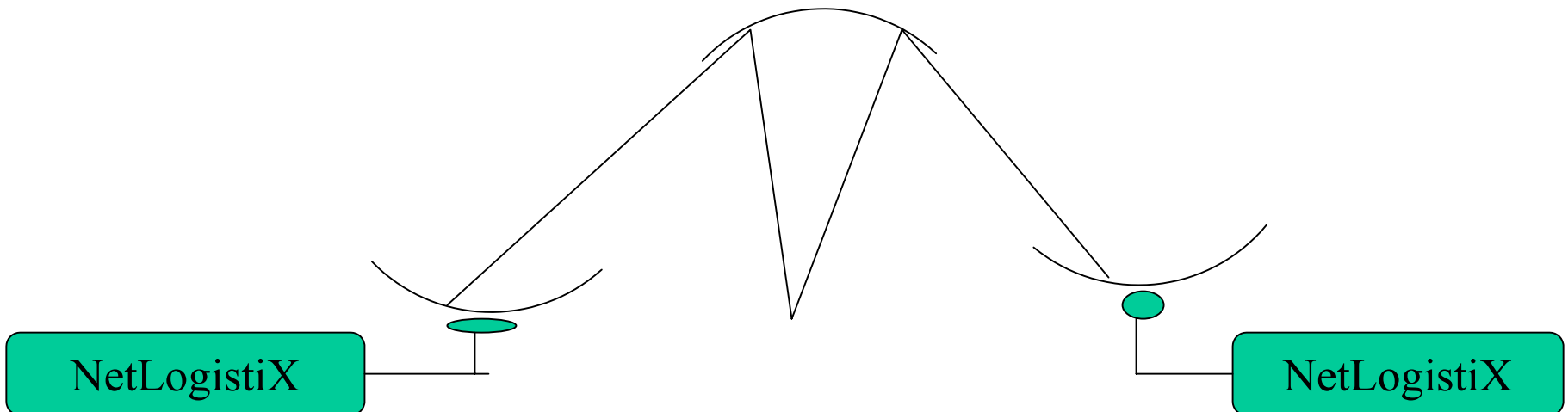
# Leased Line

Permanent Connectivity Is Established Between Sites, Both Machines On Which NETLOGISTIX Is Installed Have Static-IP Using Which NETLOGISTIX Can Perform Direct Socket Communication .



# VSAT

Permanent Connectivity Is Established Between Sites, Both Machines On Which NetLogistiX Is Installed Static IP Using Which NetLogistiX Can Perform Direct Socket Communication.



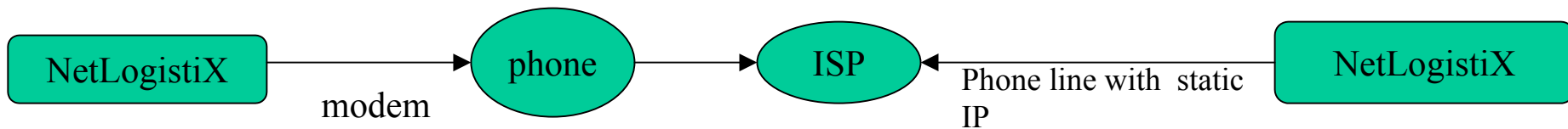
# E-MAIL

Data Is Encapsulate In The Mail .This Option Requires A Mail Server To Be Accessible Without Any Dial-Up Or So. NetLogistiX Directly Talks To SMTP/POP Server On SMTP/POP Port TO Exchange The Data . The Connectivity Between SMTP Server Is User Defined. Thus Can Have Store - And - Forward Option Where Both NetLogistiX(s) May Not Be Connected At The Same Time.



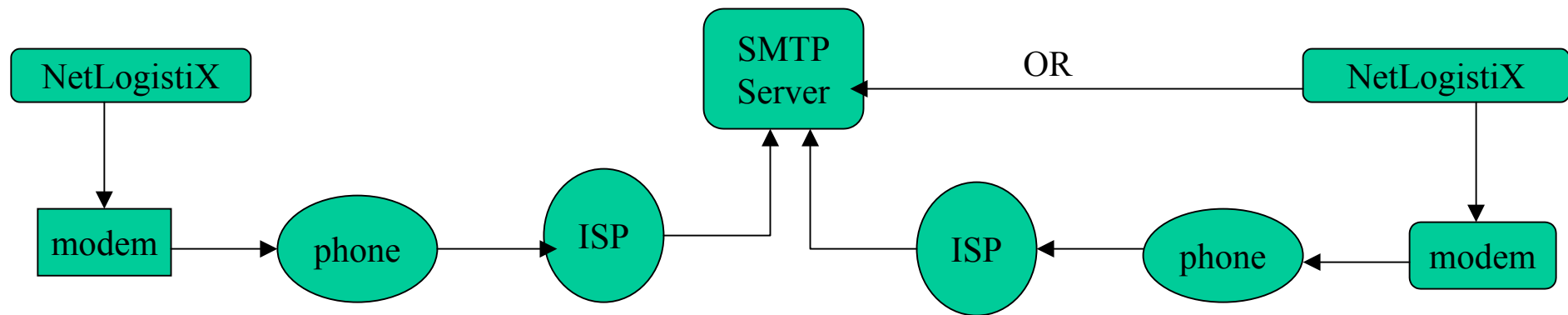
# Dial Up/Leased Combination

This Combination Is Used When Multiple Sites Needs To Connect To The Central Server. This Option Allows The Central To Be Connected To The Internet Via A Leased Line. Individual Sites Can Then Connect To Local ISP and Exchange Data With The Central Site. A Typical Scenario Is A Head-Office And Small Extension Used Dial-Up To Update Master Database



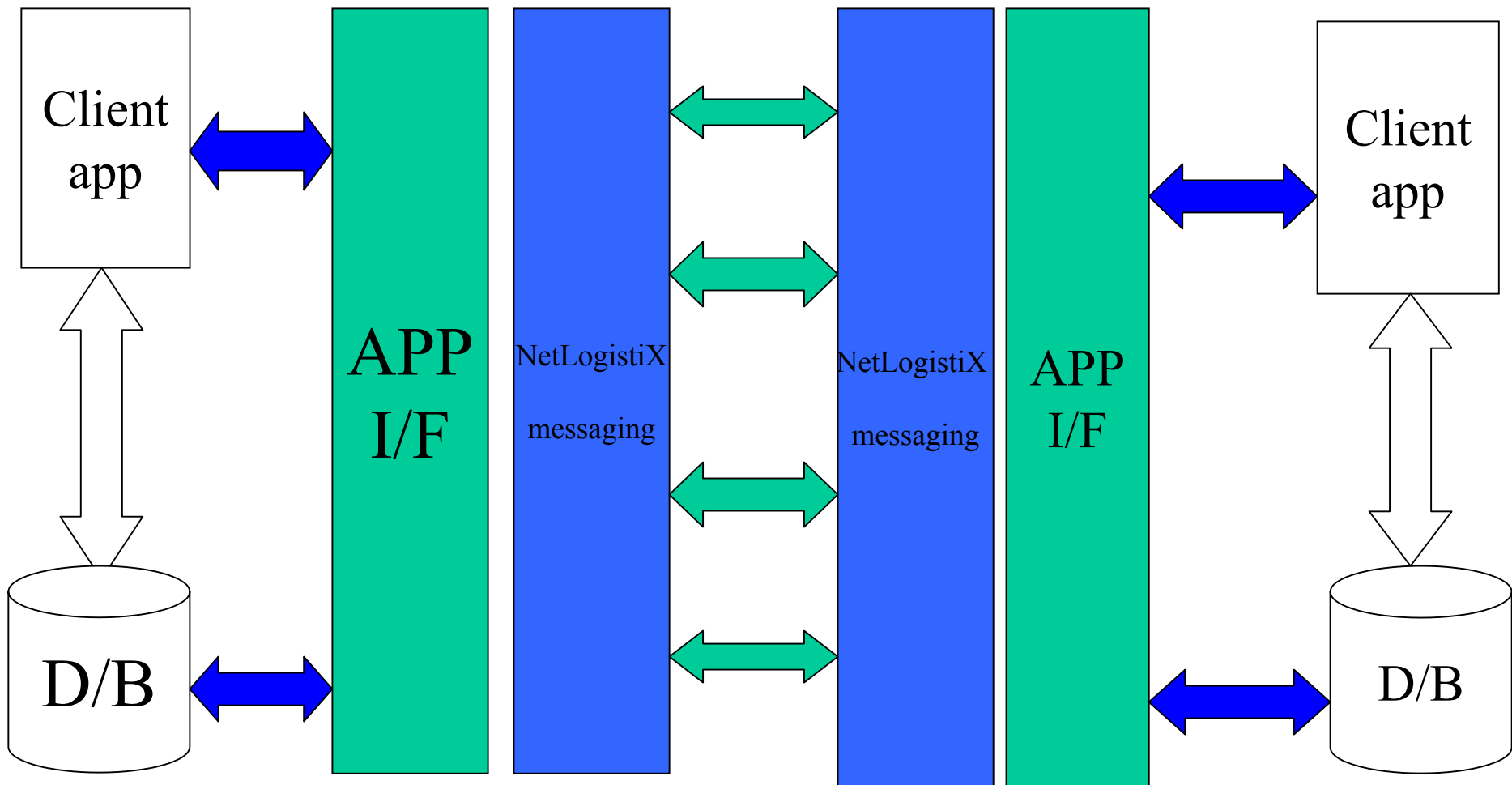
# Dial Up Mail

This Option Is Like Email Where System Dial Up To The ISP To Access SMTP/POP Server Over The Internet, In Order To Send And Receive Mails. This is Useful As Store -And -Forward Option Where Two NetLogistiX May Not Be Connected At The Same Time.

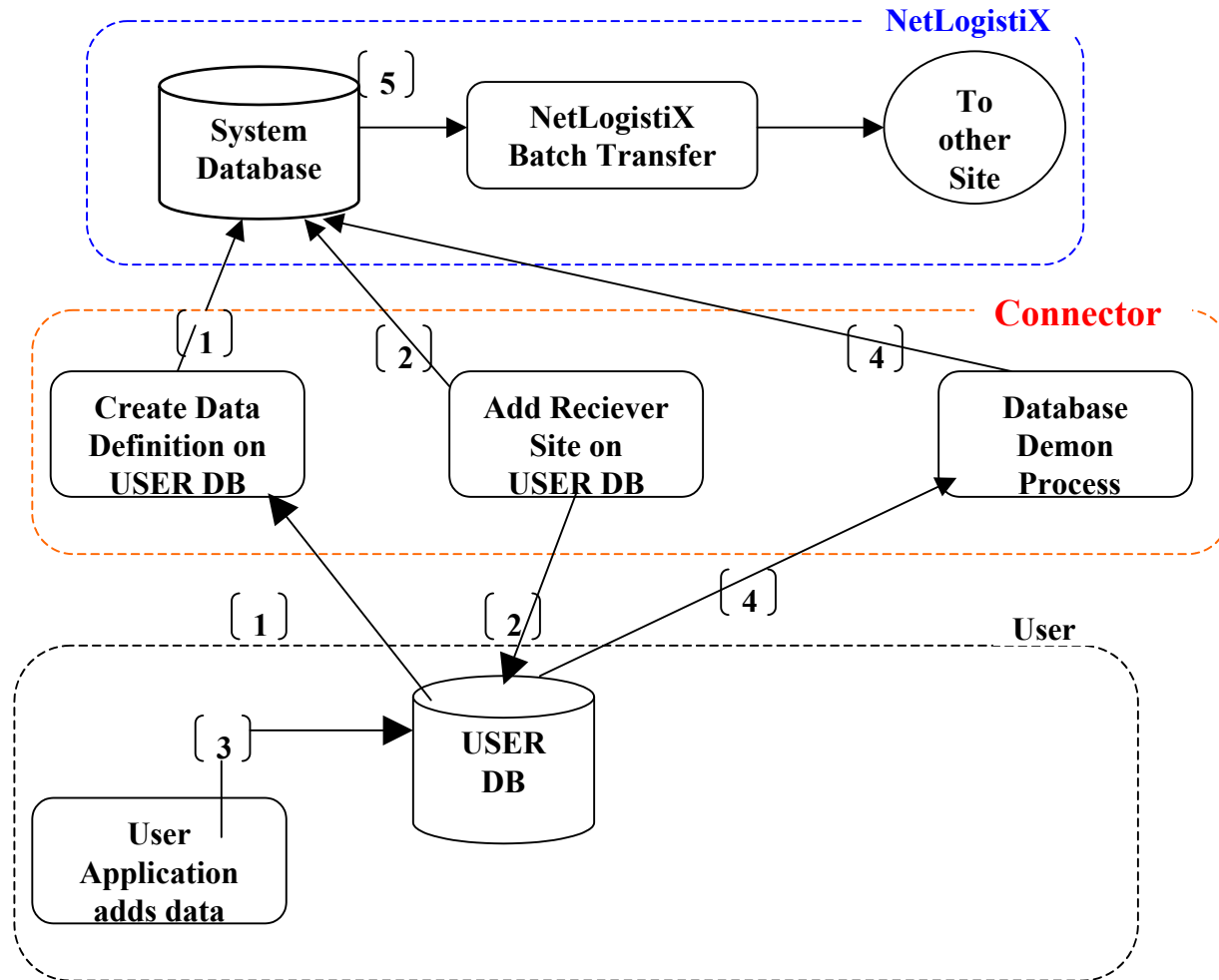


# Application Interface

The Application Interface Is Used To Client Application To The NetLogistiX System. This Allows Multiple Applications To Simultaneously Use NetLogistiX For Communicating With Remote Sites. Individual Applications Are Completely Isolated From The Details Of Data Transfer. Multiple Customized Application Interfaces Can Be Provided To Meet The Needs Of Individual Application Programs.

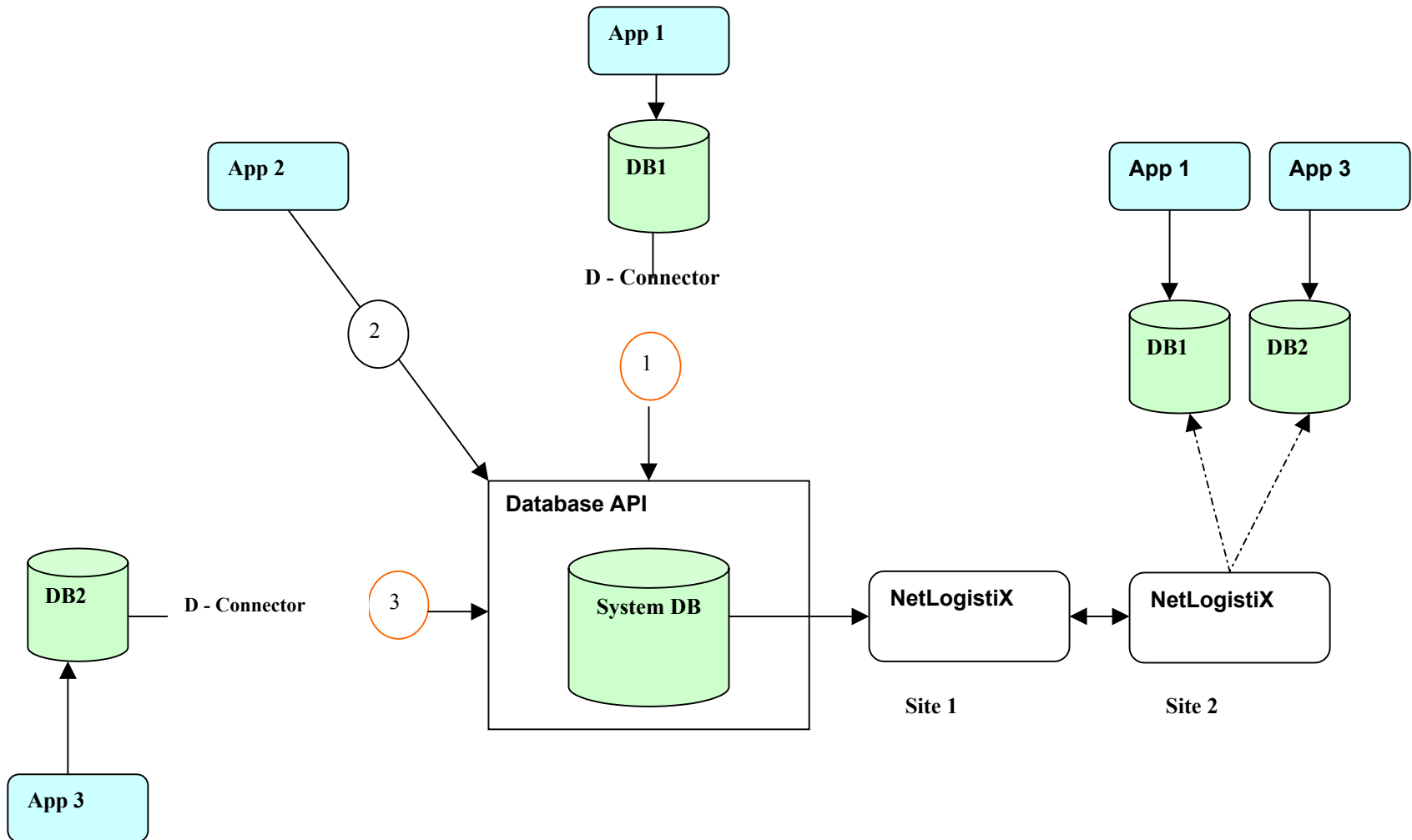


# Connector Architecture



NetLogistiX Connector is a layer between user database and NetLogistiX Server

# Data Integration using NetLogistiX



*Business Application Integration using NetLogistiX*

# Technologies Used

- Corba
- JINI
- JDBC
- Java
- Swings

# Salient Features

Platform And Database Independent Data Exchange.

Supports Multiple Types Of Links: Leased line ,Dial up,Email,ISDN,VSAT

Built In Intelligence To Choose Best Available Link.

Built - In Intelligence To Choose Best Available Link.

Re-establishes Links In Case Of Link Failure

Robust, Reliable, fault Tolerant,Scalable And Fully Automated.

# Salient Features

Built In Transaction Management Capabilities.

Multiple Policy Setting Possible.

Error Tracking , Monitoring And Correction Possible.

Easily Integrates With Existing Application.

De-Couple Applications From The Complexities Of Underlying Communication Mechanism.

# Usage Scenario

Business Houses With Distributed Locations & Need To Collate Data At Central Location.

Business Houses That Would Like To Improve Their Supply Chain By Connecting To Their Trading Partners For Business Process Efficiency.

Business Houses That In Heterogeneous Environment Looking For OPEN Solution In Data Exchange.

Mobile Executive Who Would Like to Exchange Data With Their Central System.

# Usage Scenario

Business Houses Who Are Looking For Robust Data Exchange Solutions With Poor Connectivity Options.

Business Houses That Would Like To Make Optimum Utilization Of Their Investment In Enterprise Application & Data Warehousing.

Information Technology Product Development / Enterprise Solution Company Looking For Reliable , Scalable ,Robust PLUG-INS For Data Exchange Functionalities In Their Product.

# Thank You

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