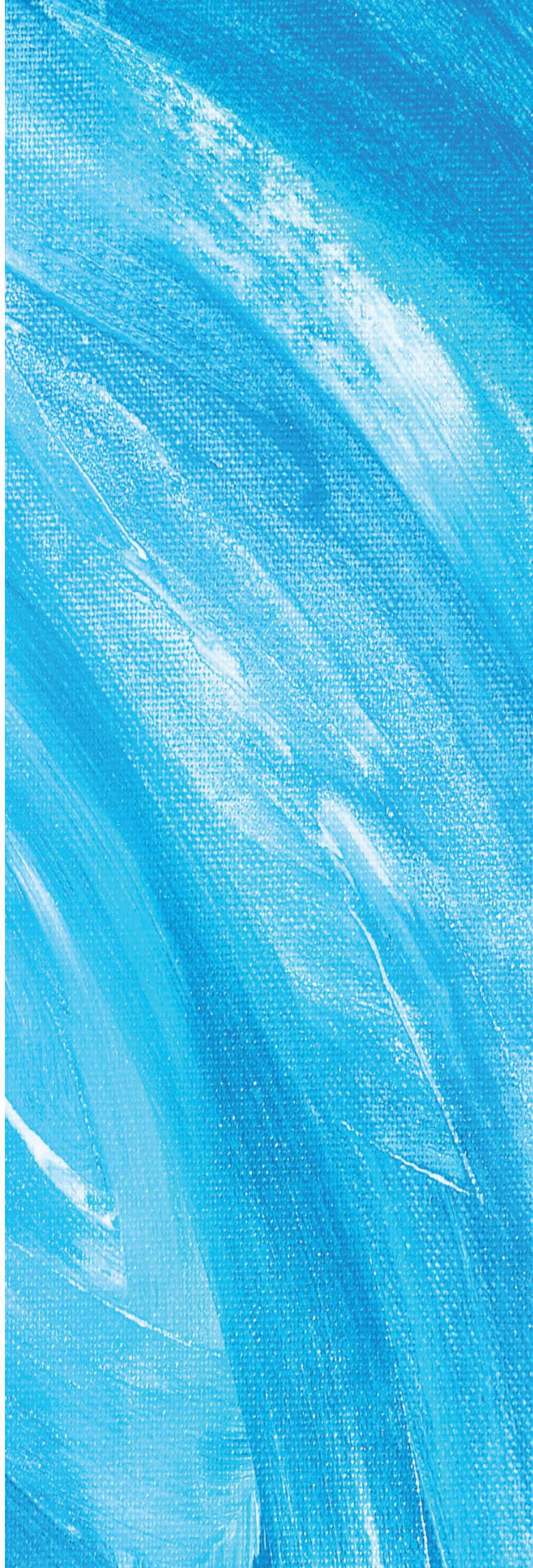# Tmax *Multi Channel Integration*
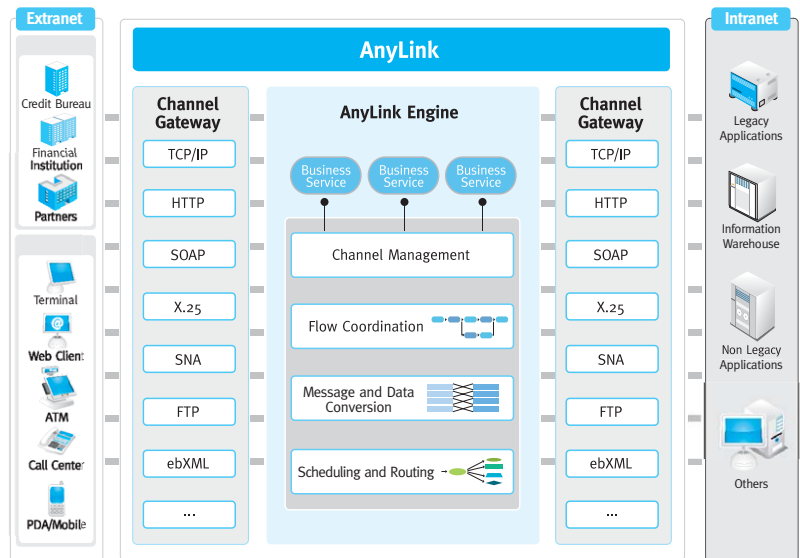# AnyLink™

TmaxSoft

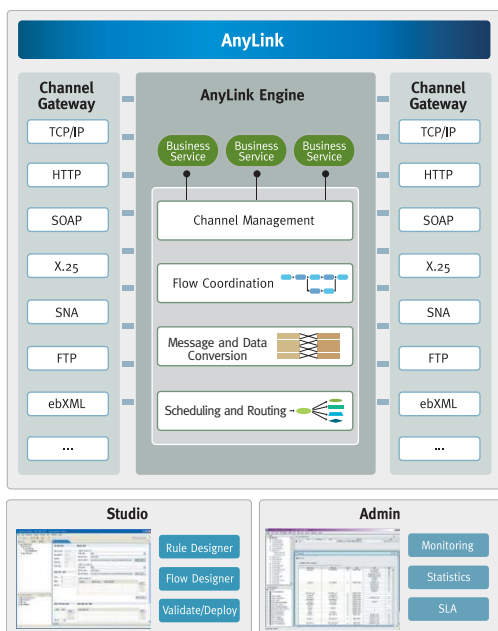Multi-Channel Integration Solution AnyLink

Streamlining communication through the integration of internal and external communication channels

- AnyLink is a Multi-Channel Integration Solution that empowers business with greater flexibility and agility in a rapidly changing business environment. It effectively transforms and routes messages originating from various channel sources, including legacy and non-legacy systems environment.

- AnyLink provides pluggable communication gateways and GUI tools for the integration and monitoring of internal and external channels.

- AnyLink is built on TmaxSoft's proven middleware solutions, resulting in high performance and a stable operating environment. In addition, new channels can be added without any interruptions in service.

- AnyLink is currently deployed across various industry sectors including Finance, Government, Manufacturing, and Telecommunications.

AnyLink Components

Engine
The core component of AnyLink is a middleware based engine that provides benefits such as failover, load balancing, scalabity, data integrity, and logging. In addition, AnyLink is built with the future in mind, as it can help leverage SOA in your IT infrastructure.

Gateway
The gateway enables communication between heterogeneous internal and external systems. Multiple communication protocol components are already available in the system.

Studio
AnyLink Studio facilitates rapid development of message conversion rules and conditions.

Admin
The integrated Admin environment provides resource monitoring, statistics, and other features that are essential for day to day operation.
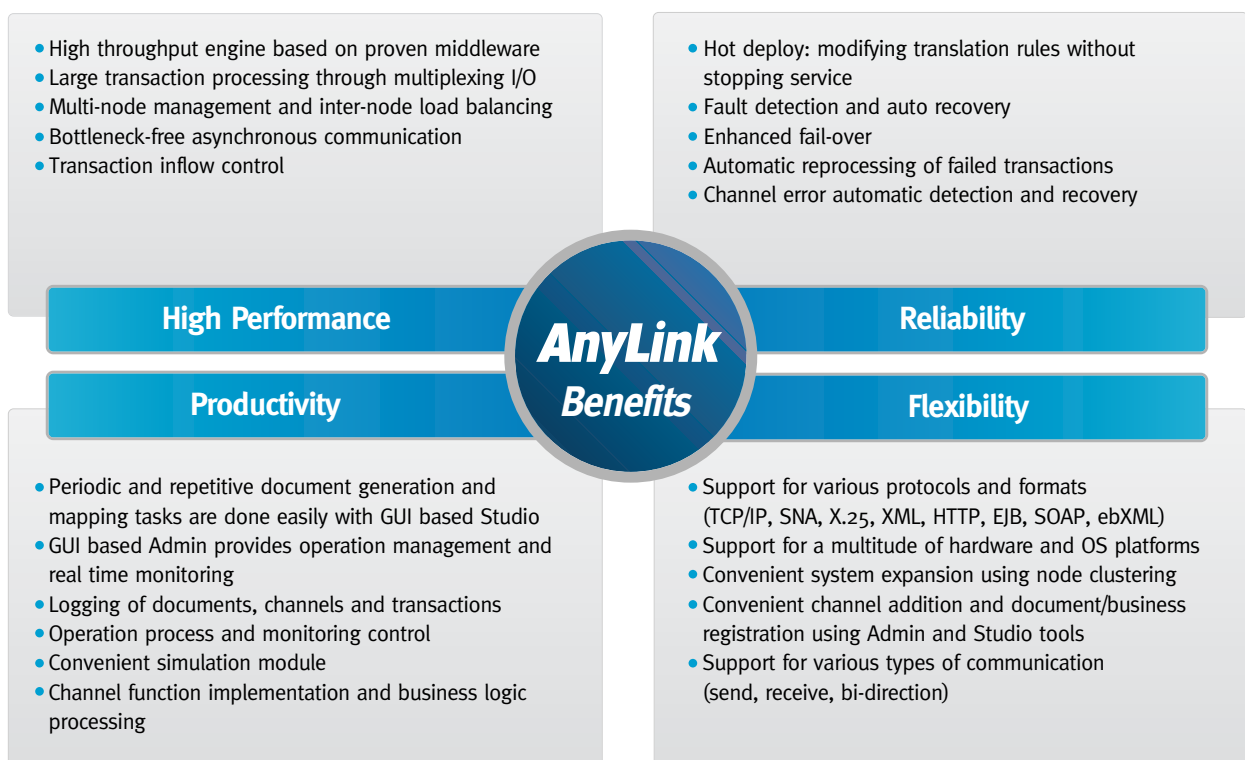
Multi-Channel Integration Solution AnyLink

AnyLink Features

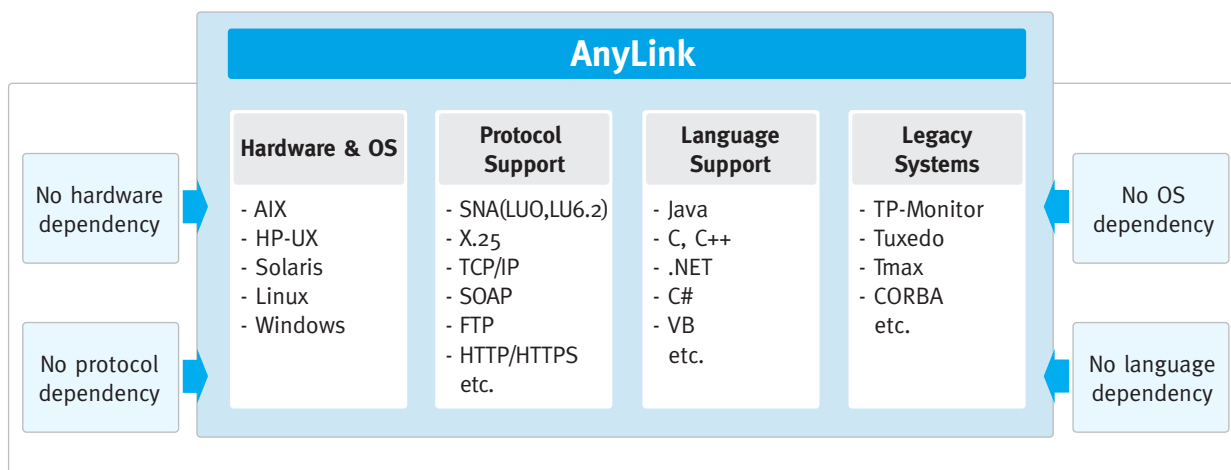|	
Supports various communication channels	• AnyLink provides communication gateway protocols such as SNA, X.25, TCP/IP, XML, CTG, SOAP, ebXML, HTTP, and others. • When the system environment is altered or communication protocol is changed, administrator can easily choose and configure an alternative communication gateway through AnyLink Admin.
Automatic message transformation	• Once a specific message format is registered using the Studio, incoming messages are automatically transformed according to the transaction flow definition and mapping information.
Reliable messaging	• All messages are tracked for reliable messaging. AnyLink assigns a unique tracking number to each message and uses the number to guarantee reprocessing of messages in case of transaction timeout and system failure.
Management	• System and transaction status information are provided for individual channel (number of connections, connection status, number of failures, number of time-outs, information changes, etc) • Online transaction log can be viewed by day, week, month, year, and/or multiple years. • Comprehensive management report is avaliable. • Transaction search capability is provided by using the AnyLink Admin tool.

Benefits of AnyLink

High Performance

• High throughput engine based on proven middleware
• Large transaction processing through multiplexing I/O
• Multi-node management and inter-node load balancing
• Bottleneck-free asynchronous communication
• Transaction inflow control

Reliability

• Hot deploy: modifying translation rules without stopping service
• Fault detection and auto recovery
• Enhanced fail-over
• Automatic reprocessing of failed transactions
• Channel error automatic detection and recovery

AnyLink Benefits

Productivity

• Periodic and repetitive document generation and mapping tasks are done easily with GUI based Studio
• GUI based Admin provides operation management and real time monitoring
• Logging of documents, channels and transactions
• Operation process and monitoring control
• Convenient simulation module
• Channel function implementation and business logic processing

Flexibility

• Support for various protocols and formats (TCP/IP, SNA, X.25, XML, HTTP, EJB, SOAP, ebXML)
• Support for a multitude of hardware and OS platforms
• Convenient system expansion using node clustering
• Convenient channel addition and document/business registration using Admin and Studio tools
• Support for various types of communication (send, receive, bi-direction)

Multi-Channel Integration Solution AnyLink

Technical Specification

AnyLink

| No hardware dependency | **Hardware & OS**
- AIX
- HP-UX
- Solaris
- Linux
- Windows | **Protocol Support**
- SNA(LUO,LU6.2)
- X.25
- TCP/IP
- SOAP
- FTP
- HTTP/HTTPS
  etc. | **Language Support**
- Java
- C, C++
- .NET
- C#
- VB
  etc. | **Legacy Systems**
- TP-Monitor
- Tuxedo
- Tmax
- CORBA
  etc. | No OS dependency |

No protocol dependency

No language dependency

Tmax *Multi Channel Integration*
AnyLink™

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Founded in 1997, TmaxSoft has built a reputation as a leading provider of world-class middleware products designed to meet the global standards for processing large volumn transactions.

Since then, TmaxSoft's product line has grown to include vertical industry solutions in finance and telecommunications, a mainframe rehosting solution, and an enterprise-level relational database.

TmaxSoft has successfully completed over 1,200 projects at more than 1,000 customer sites across the finance, telecommunications, manufacturing, government, and service sectors.

PRODUCT LINEUP

Re-hosting

OpenFrame : Mainframe Rehosting

SOA Enabling

ProFrame · Application Framework

AnyLink · Multi-Channel Integration

ProBus · ESB Engine

ProFactory · Product Creation and Management

Middleware

Tmax · TP-Monitor

JEUS · J2EE Web Application Server

WebtoB · Web Server

TmaxSoft