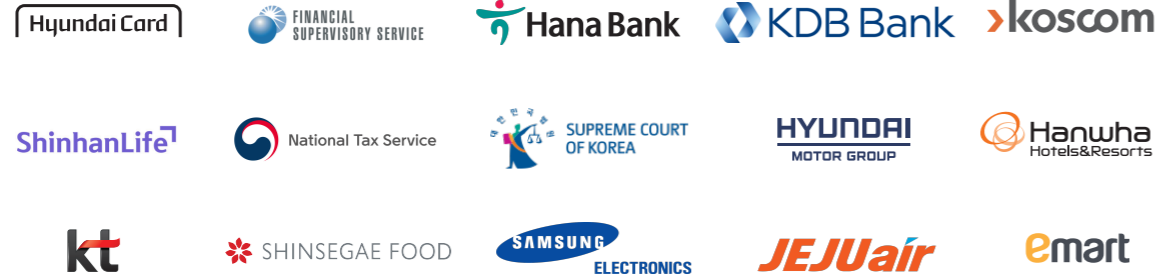


## References

TmaxSoft has about 3,000 customers and completed multiple replacement projects, leading the Korean market.



Web Server

# WebtoB

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TMAXSOFT



# WebtoB

## Web Server

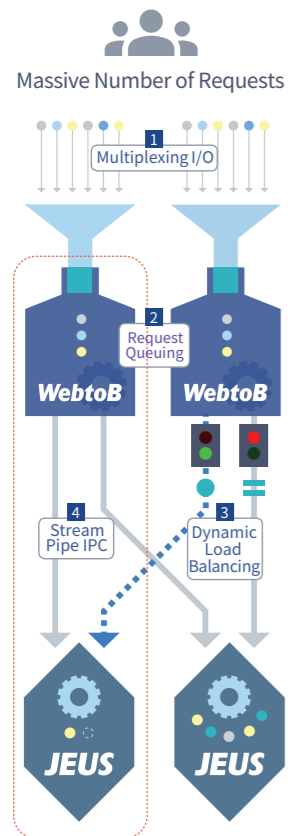
WebtoB is a next generation web server that provides enhanced performance and stability by innovating on existing web server architectures.

## Overview

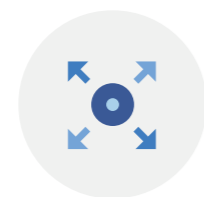
WebtoB is a web server that processes HTTP requests to provide web pages for users. It offers superior performance and stability by overcoming the structural problems of existing web servers. It is designed to process a large volume of transaction requests by effectively managing error conditions such as processing delays and server shutdown.

## Strengths

### Massive Transaction



- 1 Multiplexing I/O** : Minimizes the load caused by an increasing number of user requests to process high-volume transactions with fewer resources.
- 2 Request Queuing** : Prevents system interruptions since no requests are rejected even when a large number of clients are connected.
- 3 Dynamic Load Balancing** : Detects excessive loads in JEUS and dynamically distributes the loads.
- 4 Stream Pipe IPC** : Reduces network communication overhead, resulting in 2 to 4 times performance improvement when WebtoB and JEUS are installed on a single machine.



### Optimized integration with JEUS

Provides unrivaled performance and stability when used with JEUS, the TmaxSoft web application



### Stable Massive Transactions

Optimizes the distribution of multiple user requests (multiplexing) through a single process.



### High-level Security

Provides better reliability of the web services because the integration with JEUS does not need to open a port on the firewall.



### Excellent High-Volume Web Transaction

Integrated with TmaxSoft's WebtoB for dynamic load balancing.



### Customer-trusted Solution

Has accumulated about 2,900 customers since its launch in 2000.

## Key Features

### High Performance

High-volume transactions are processed rapidly and stably with fewer resources through a single process by optimizing distribution of service requests. In addition, WebtoB significantly boosts the performance of web services that use specific resources frequently by caching them in available memory.

### High Availability

When an application fails, WebtoB restarts it automatically to improve system availability. Automatic restarting and the number of restart attempts can be configured. In addition, dynamic configuration provides seamless services when a node or a server is added at runtime.

### User-friendly Management

WebtoB provides embedded APIs (WBAPI) to resolve the problems of existing CGI applications, supporting convenient development of applications and enhanced system performance. It also allows users to create extensions other than MIME.

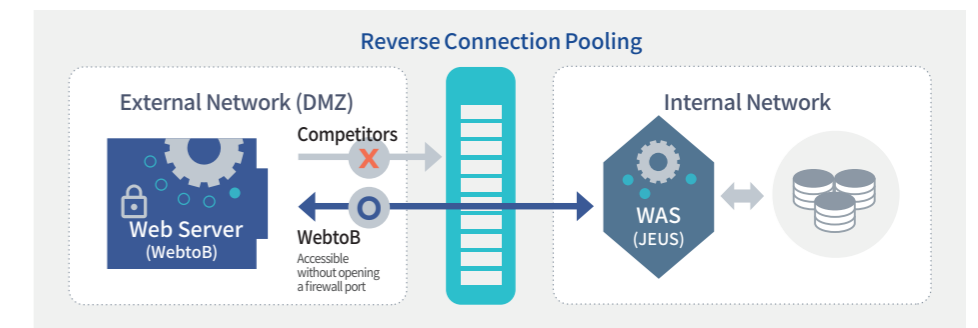
## Benefits

### Diverse Connections

When used with JEUS, which is the TmaxSoft web application server, WebtoB provides unrivaled performance and stability through the optimized integration. It also serves as reverse proxy to connect with diverse WAS, resolving maintenance issues.

### Enhanced Security

WebtoB configured with JEUS provides reverse connection pooling, which does not require an additional port on the firewall, improving the reliability of web services with the better security. WebtoB fully supports ACLs (Access Control Lists) and SSL (Secure Socket Layer). These security functions show robust performance when used in the WebtoB engine. It also provides WebtoBSSL to avoid inconvenience of frequent patching due to vulnerable security of OpenSSL.



### Robust Monitoring and Convenience

WebtoB supports a centralized web management environment with GUI-based WebAmin and an administrator tool based on command lines. It provides robust monitoring capabilities including automatic detection of process failure and restart, as well as unparalleled user-friendly management functions.