

References

Transaction Processing Monitor

Tmax

TMAXSOFT

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TMAXSOFT

Tmax

Transaction Processing Monitor

TP-Monitor for processing and managing transactions between heterogeneous computers

Overview

Tmax (Transaction Maximization) is a TP-monitor that perfectly processes mission-critical tasks, all while offering optimized development environments for developers.

The TP-monitor serves as a platform for application development and operation, efficiently managing overloaded processes and ensuring data consistency during transaction processing.

Strengths



Differentiated Unique Architecture
Enhances stability of the system and guarantees high performance.



Quick Response to Failure
Responds to and fixes failures stably and promptly.



Reduction in Total Cost of Ownership (TCO)
Reduces TCO by up to 60% over a 3-year period in comparison to offerings from other vendors.



Largest Customer Base & Next-gen Cases
Retains various successful cases in multiple sectors including finance and communication.



Differentiated One-stop Service by Expert Technicians
Provides 24x365 one-stop support services.

Key Features

Stream Pipe Internal Communication

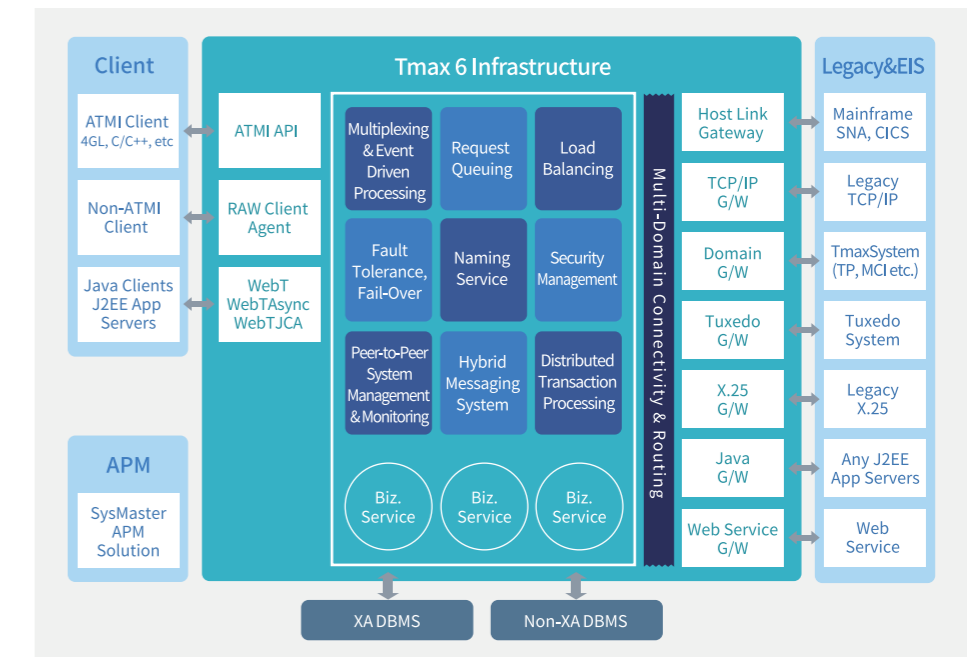
Tmax allows bidirectional communications between processes for prompt responses to overload and failure, while minimizing system calls during execution to guarantee rapid processing.

Dynamic and Various Load Distribution

Tmax automatically manages resources based on the service loads and dynamically allocates processes. In addition, it supports various load distributions by balancing clients, server processes, or nodes to efficiently manage the workload and improve performance.

Various Process Types

Tmax offers a range of process types to maximize program flexibility during application development. Unique features of Tmax, such as User Control Server (UCS) and Process On Demand (POD), are particularly well-suited for implementing push services and batch applications, thus improving usability.



Benefits

High Availability & Stability

The peer-to-peer monitoring, where each node monitors another one, can handle an overall system failure in a prompt and systematic manner.

High Performance & High Efficiency

Event-based multiplexing I/O, which facilitates processing of a massive number of client requests, minimizes system resources to optimize internal process speed.