



**TEMENOS**

The Banking Software Company



# T24 Enterprise and IBM System z

## Introduction

Temenos is collaborating with IBM® to deliver the market leading TEMENOS T24 (T24) core banking solution on IBM's System z® mainframe. T24 Enterprise (T24E) on System z is a native z/OS® core banking solution aimed primarily at tier one banking customers.

Based on a JEE version of Temenos' proven core banking solution – T24 – and deployed using IBM middleware and IBM System z servers, T24E Java Edition on System z offers new levels of scalability and performance aimed at satisfying the requirements of the world's largest banks.

Coupled with IBM's vast knowledge and experience with today's financial industry, T24E provides unparalleled flexibility, functionality and longevity in a 24-hour real-time core banking solution. T24E on System z enables, for the first time, T24 deployment on a platform that is familiar to and trusted by the vast majority of the world's leading banking organisations.

## Why Temenos?

Founded in 1993 and listed on the main segment of the Swiss Stock Exchange (SIX: TEMN), Temenos Group AG is a leading provider of integrated modular core banking systems. We serve more than 1,000 customers in over 125 countries, supported by 64 offices with more than 4,000 staff.

Temenos' only domain is banking software and our success is achieved by being completely focused on providing the best banking software available today. To this end, we consistently devote around 20 percent of our revenues to research and development, higher than the average of our industry peers.

## Key Features

- T24 Enterprise Java Edition.
- Native deployment on IBM System z servers.
- Deployed using IBM middleware (IBM WebSphere®, WebSphere MQSeries®).
- IBM DB2® database accessed via JDBC.
- Specialised zAAP processor for Java workload.
- Specialised zIIP processor for IBM DB2 workload.



## T24E – A Proven Solution

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T24E is the most technically advanced banking system in the world today. It is a 24-hour real-time banking application that provides multiple application server support to large numbers of users. As the world's most widely-used banking system, T24E is an open and pre-configured system, incorporating industry standard practices based on Temenos' implementations in 125 countries.

The T24E banking platform provides clients with a choice of a model bank software implementation, with best practice processes built in, or a more tailored implementation for clients preferring differentiation. Model bank delivers significant advantages, with a 50% faster rollout time and up to 80% of the bank's required functionality available immediately, resulting in a cost effective and low risk implementation.

As a modular system, T24E allows a bank to refresh or replace individual modules or the entire core banking system. Banks can move at their own pace, knowing their investment is based on an open platform that can expand as their needs grow and as market conditions change. Banks can also minimise the risk of investing in technology that will someday become incompatible.

Core bank system replacement is today, a pressing issue for many global banking institutions. By offering T24E as a native z/OS solution, T24E is now available as a performant, scalable and highly cost effective solution to the world's largest banks.

## T24E on z/OS – A Platform for Growth

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Today IBM's System z provides Temenos customers with new hardware and middleware platform options for T24E. The scalability and performance provided by the System z solution means that T24E exists as a viable and attractive core banking replacement system to even the largest banks. The new multi-platform management capabilities allow clients, for the first time, to obtain an end-to-end management view across multiple platforms, while streamlining the management and complexity of IT.

IBM DB2 is fully supported as a database server for T24E, as are IBM WebSphere Application Server for the user interface and T24 application, and IBM WebSphere MQ for messaging. Together these can be used to provision a high availability infrastructure for T24E with both high performance and high scalability.

T24E integrates with IBM's Service Orientated Architecture (SOA) through T24E Web Services, which have passed IBM validation for connection to an IBM SOA infrastructure. WebSphere Message Broker is at the core of many banks' SOA infrastructures and may be used for the multiple types of application integration scenarios required in core banking implementations. T24E is today ready to integrate with this technology.

T24E on z/OS is the ideal solution for banks wanting to combine the proven reliability, performance and cost benefits of IBM's mainframe based systems with a market leading, cutting edge core banking solution.

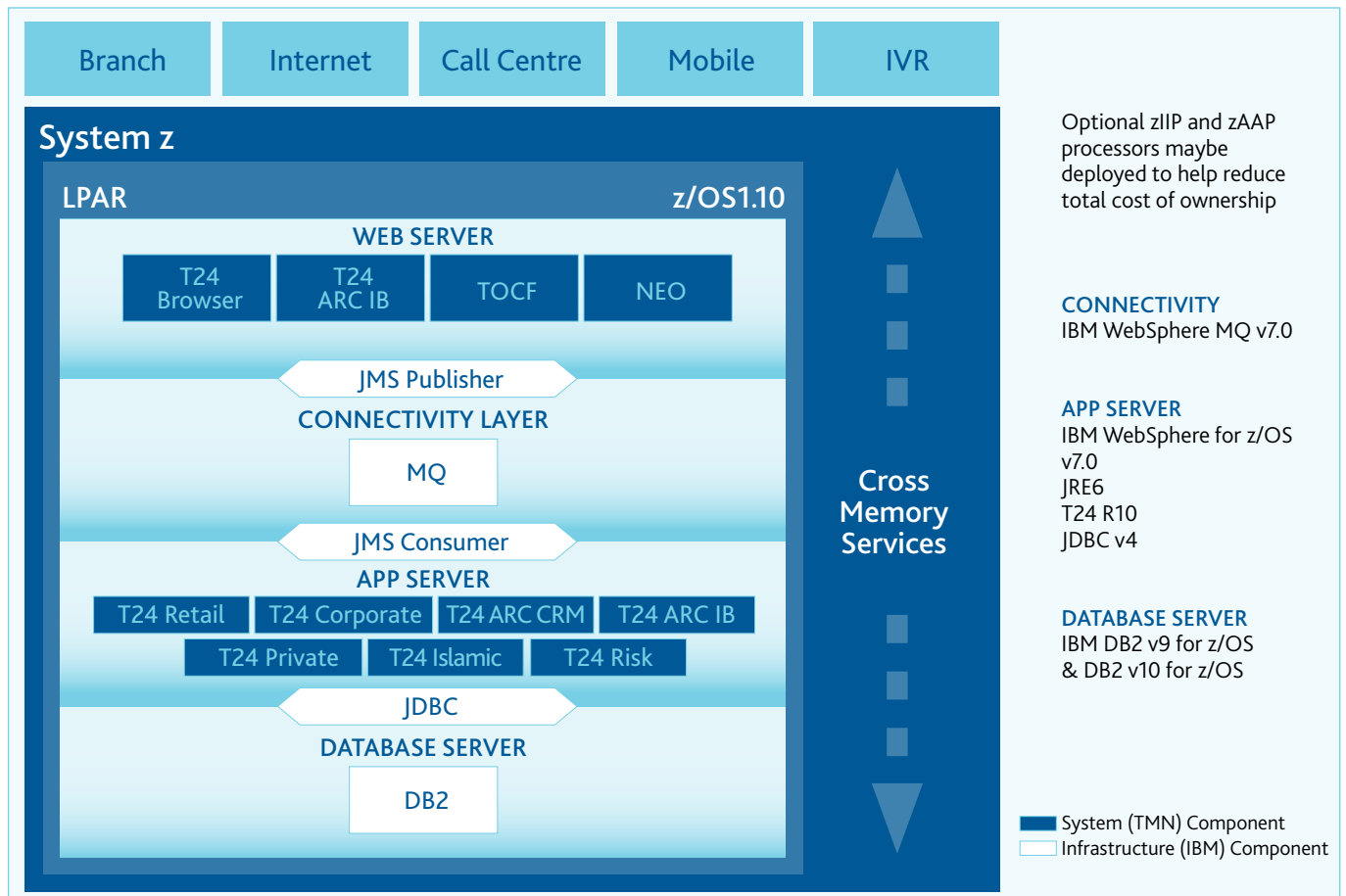
## Key Benefits

T24E on IBM System z incorporates a proven enterprise architecture, service delivery, deployable business functionality and an integrated portfolio of SOA-enabled business services. These can be delivered at a pace that is agreed with and controlled by the bank to empower an incremental transformation and ensure minimum disruption.

T24E on z/OS couples the flexibility and functionality of a modern core banking solution with the power and reliability of IBM's System z technology:

- Unparalleled levels of high/continuous availability.
- A large number of connectivity options.
- Market leading performance.
- Scalability to meet the needs of even the largest tier one banks.
- Deployment flexibility through IBM's industry leading hardware and middleware and IBM System z superior System Management.
- Market leading security capabilities.
- Lower total cost of ownership with a single integrated solution and the use of IBM's zIIP and zAAP speciality processors (DB2 and Java).
- The IBM DS 8000 Storage system adds outstanding enterprise class functionality with extraordinary performance and scalability up to 512 TB of physical capacity.

### T24 Enterprise on IBM System z – Architecture Overview





## Highlights

### Minimum Technical Specifications

- TEMENOS T24 R11
- IBM System z/OS 1.10
- IBM WebSphere v7
- IBM WebSphere MQ v7
- IBM DB2 v9 & IBM DB2 v10

- T24E – the world’s most widely used banking software – now available for native System z deployment.
- Performance and scalability to meet the needs of the world’s most demanding banks.
- Lower total cost of ownership with a single integrated system that streamlines operations and reduces maintenance expenses.
- Multiple deployment options to ensure high availability and to fit in with a customer’s existing operations with IBM zEnterprise.
- Core bank system replacement now a straightforward and viable option for even the largest banks.

For more information on  
System z please visit  
[www.ibm.com/systems/z/](http://www.ibm.com/systems/z/)

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