



IBM z Systems running Oracle Database on Linux with Oracle PeopleSoft applications

Put z Systems to work for you

Scale and grow PeopleSoft applications and data with confidence

Benefit from mission-critical reliability for PeopleSoft applications

Simplify IT operations with advanced virtualization, multi-architecture workload support and operations management capabilities

Minimize network security vulnerabilities, and reduce latency

Today, enterprises require a trusted IT infrastructure that is dynamic, scalable and flexible enough to support both mission-critical work and the development and deployment of new workloads. This infrastructure must help decision makers to use data, a company's most valuable asset, with insight rather than hindsight, and assist in using IT to gain a competitive edge.

The IBM® z13™ is the first of a new generation of z Systems™, designed for digital business and the mobile economy. z13 can help deliver advanced performance, security, resiliency, availability and virtualization for a high quality of service. Designed for larger enterprises, the z13 offers massive scalability for secure data serving, high-volume transaction processing and large-scale consolidation.



The z13 features 22 nm processor technology and supports simultaneous multi-threading for Linux® and Java™ workloads. It helps deliver outstanding transaction processing and data serving performance. The z13 offers excellent economies of scale, supporting up to 141 configurable cores and more efficient use of critical data. Coupled with up to 10 TB of memory, the z13 is ideally suited for consolidating large-scale distributed environments and the introduction of new in-memory workloads.

The IBM z13s™, the newest member of the IBM z Systems family, is designed as an entry-level enterprise server for any growing business that is looking to use z Systems technologies' qualities of service, flexibility and performance.

As environmental concerns raise the focus on energy consumption, the z13 and z13s can promote energy efficiency. Their design helps to dramatically reduce energy consumption and save floor space by consolidating workloads into a simpler, more manageable and efficient IT infrastructure.

Linux and IBM z Systems

A Linux infrastructure on z Systems provides an enterprise-grade Linux environment. It combines the advantages of the z Systems platform and leading IBM z/VM® virtualization with the flexibility and open standards of the Linux operating system.

IBM z13 virtualization technology

During spikes in demand, the z13 platform can quickly redistribute system resources and scale up, scale out, or both in a way that can make the difference between flawless execution or costly, slow response times and system crashes.

You can further improve the virtualization management capabilities of Linux and z/VM by using the intelligent visualization, simplified monitoring, and unified management features of IBM Wave for z/VM. This product is designed to help simplify everyday administrative and configuration tasks and to help you transform your Linux environment to a virtualized private cloud.

An enterprise-grade Linux infrastructure on z13 and z13s is designed to bring unique business value in the areas of operational efficiency, scalability, autonomic workload management, reliability, business continuance and security. Linux on z Systems solutions can further benefit from the following IBM technologies to enhance this infrastructure:

- IBM z Advanced Workload Analysis Reporter (IBM zAware) for Linux on z Systems delivers a creative availability solution to help maximize service levels. This solution provides faster insight into the health of your Linux system with IBM zAware pattern recognition analytics.
- High availability capabilities are provided by the IBM Spectrum Scale™ high-performance data and file management solution based on the IBM General Parallel File System™ (IBM GPFS™). The Spectrum Scale solution provides access to storage that can deliver greater speed, flexibility, cost efficiency and security that are achievable by using built-in encryption and data protection.
- IBM Geographically Dispersed Parallel Sysplex™ (IBM GDPS®) Virtual Appliance provides near-continuous availability and disaster recovery by extending GDPS capabilities for Linux on z Systems and z/VM environments. It can help substantially reduce recovery time, recovery point objectives and the complexity that is associated with manual disaster recovery.

PeopleSoft applications fully support a mixed platform architecture with the database-tier only configuration on z Systems with distributed UNIX® and Linux certified application tier servers, as shown in Figure 1.

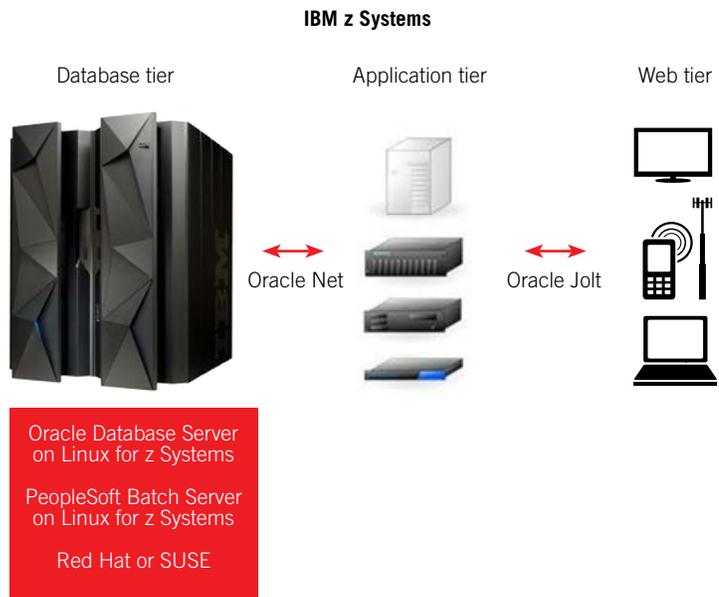


Figure 1: PeopleSoft applications deployed on z Systems

Source: IBM Institute for Business Value

PeopleSoft applications

PeopleSoft applications deliver market-leading human resources (HR), financial and supply chain functionality that can help organizations increase productivity, accelerate business performance and lower cost of ownership.

PeopleSoft Fluid UI

Even the most feature-rich applications deliver no value if they are not used. Ensuring you have applications that are intuitive to use is of the utmost importance to the PeopleSoft development team. Intuitive applications are a necessity in order to meet the expectations of today's users. This goes beyond a simplified user experience and includes solutions that are optimized for mobile platforms and allow users to work anywhere, anytime. The cornerstone of Oracle's ability to deliver intuitive-to-use PeopleSoft applications is the PeopleSoft Fluid User Interface (UI).

The PeopleSoft Fluid UI, now included in PeopleSoft 9.2, provides an intuitive and responsive user experience that is optimized across multiple platforms including mobile phones, tablets and laptops. Many new features and functions take advantage of the PeopleSoft Fluid UI to provide employees, managers and executives with a familiar native user experience that helps maximize productivity and effectiveness while reducing the need for training.

Improved user engagement

The PeopleSoft Fluid UI delivers a brand new PeopleSoft navigation paradigm that includes tiled home pages and a new navigation bar that presents information in a manner similar to consumer mobile applications. Cash managers, procurement operations, project managers and others will benefit from the easy-to-use role-based home pages and improved navigation model. This general familiarity and instant access to key areas of PeopleSoft drives greater user adoption.

Greater productivity

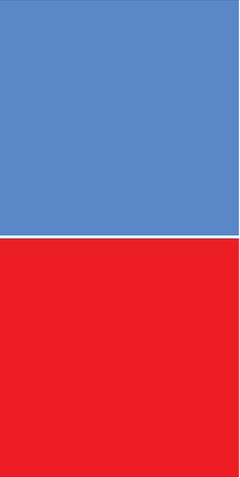
Fluid UI enables managers to unify and approve HR transactions such as expenses, absences and promotions through any device, helping quickly improve productivity. Informed financial approvals and procurement transactions such as cash flow management, expense reporting and requisitioning can be completed using a variety of devices when the business requires it, rather than only when the decision maker is in the office.

Enhanced decision-making

Managers are not always in front of a computer when decisions need to be made. Using PeopleSoft Fluid UI, managers can view and analyze real-time financial, project and procurement data remotely on mobile devices to help make strategic decisions quickly, all based on the latest relevant information. Pivot grids and visualization options provide the most current data and enable exceptions to be reviewed and processed directly. Informed decisions can be made using real time data that's easily available with Fluid UI.

Anywhere, anytime access

Employees can complete tasks such as entering time, completing expense reports and requesting absence reports, all from a mobile device. Whether they are riding a train to the office, watching a sporting event or sitting on the patio at home, they have the ability to work on their schedule, regardless of their location. Meanwhile, regardless of their location, managers can also take advantage of mobile features, including reviewing time exceptions, managing team absences, monitoring cash positions and reviewing supplier performance. The responsive design of the Fluid UI provides flexibility for employees and managers alike to work on their terms from wherever they are.



PeopleSoft Selective Adoption

While the Fluid UI enhancements now available in PeopleSoft 9.2 applications are clearly the most visible to users, an even bigger benefit to customers can be realized from the PeopleSoft Selective Adoption model, which fundamentally changes how customers realize value from their PeopleSoft applications. The latest updates to PeopleSoft applications provide a range of enhancements, including transaction simplification, embedded analytics and compliance support. The PeopleSoft Selective Adoption model, enabled by the PeopleSoft Update Manager (PUM), makes these latest enhancements available to PeopleSoft 9.2 customers at the time of their choosing. Customers no longer need to wait for a major upgrade to reap the rewards from new enhancements delivered by PeopleSoft. Selective Adoption makes new enhancements available in Update Images that are released several times per year. At a time that is right for the customer, new enhancements can be rolled out to their users without an upgrade being required; this significantly lowers the total cost of ownership and accelerates the delivery of valuable features to users.

As part of the Oracle Applications Unlimited program, PeopleSoft applications will continue to be enhanced, protecting and extending the value of your software investment.

This enterprise-grade Linux on z Systems solution is designed to add value to PeopleSoft solutions, including the functions that are introduced in the latest version of PeopleSoft applications. PeopleSoft applications on z Systems include the following benefits:

- Optimizes performance by deploying powerful database hardware engines that are available on z13 and z13s systems
- Achieves greater flexibility through the z Systems workload management capability by allowing the PeopleSoft environment to dynamically adjust to user demand
- Reduces total cost of ownership (TCO) by using the specialized Integrated Facility for Linux (IFL) cores that run the Oracle Database used by PeopleSoft applications and management of the environment
- Provides high levels of security and quality of service

Sizing and capacity planning for PeopleSoft applications on IBM z Systems

By working together, IBM and Oracle have developed a capacity-estimation capability to aid in designing an optimal configuration for each specific PeopleSoft client environment. You can obtain a detailed sizing estimate that is customized for your environment from the IBM Techline ISV Solutions Sizing Team, which is accessible through your IBM or IBM Business Partner representative. You can download a questionnaire to start the sizing process at ibm.com/partnerworld/wps/servlet/ContentHandler/techline/FAQ00000750.

The IBM and Oracle alliance

Since 1986, Oracle and IBM have been providing clients with compelling joint solutions, combining Oracle's technology and application software with IBM's complementary hardware, software and services solutions. More than 100,000 joint clients benefit from the strength and stability of the Oracle and IBM alliance. Through this partnership, Oracle and IBM offer technology, applications, services and hardware solutions that are designed to mitigate risk, boost efficiency and lower total cost of ownership.

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For more information

For more information about joint solutions from IBM and Oracle, please contact an IBM sales representative at 1-866-426-9989, or visit:

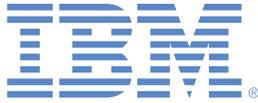
- IBM and Oracle alliance overview: ibm.com/solutions/oracle
- IBM technology hub for Oracle Solutions: ibmandoracle.com

For more information about IBM z Systems, see: ibm.com/systems/z.

For more information about IBM z Systems running Linux, visit: ibm.com/systems/z/os/linux.

For more information about PeopleSoft applications, see: oracle.com/us/products/applications/peoplesoft-enterprise/overview/index.html.

For more information about the Oracle Applications Unlimited program, visit: oracle.com/us/products/applications/applications-unlimited/overview/index.html.



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