



Thinking Minds Thoughtful Solution..

People Flash ... Thinking Minds Thoughtful Solution..

Executive Summary

Companies today need to compete in an ever-changing business environment.

PeopleSoft provides extremely reliable and powerful Enterprise Resource Planning (ERP) applications today and is at the heart of the strategy adopted by a majority of successful companies. However, most companies need to customize these applications to support their proprietary business processes thus altering its inherent behavior and reliability. These applications, therefore, must be "managed" into production.

Thinking Minds is uniquely poised to assist companies deploying PeopleSoft applications. Combining expertise in PeopleSoft deployment and its industry-leading products and services, Thinking Minds provides companies with the prerequisites for the pre-deployment and deployment aspects of PeopleSoft applications. This white paper explores the current scenario and how organizations can leverage the integration of Thinking Minds **People Flash** solution for effective message broadcasting to PeopleSoft Users.

CONFIDENCE *By*
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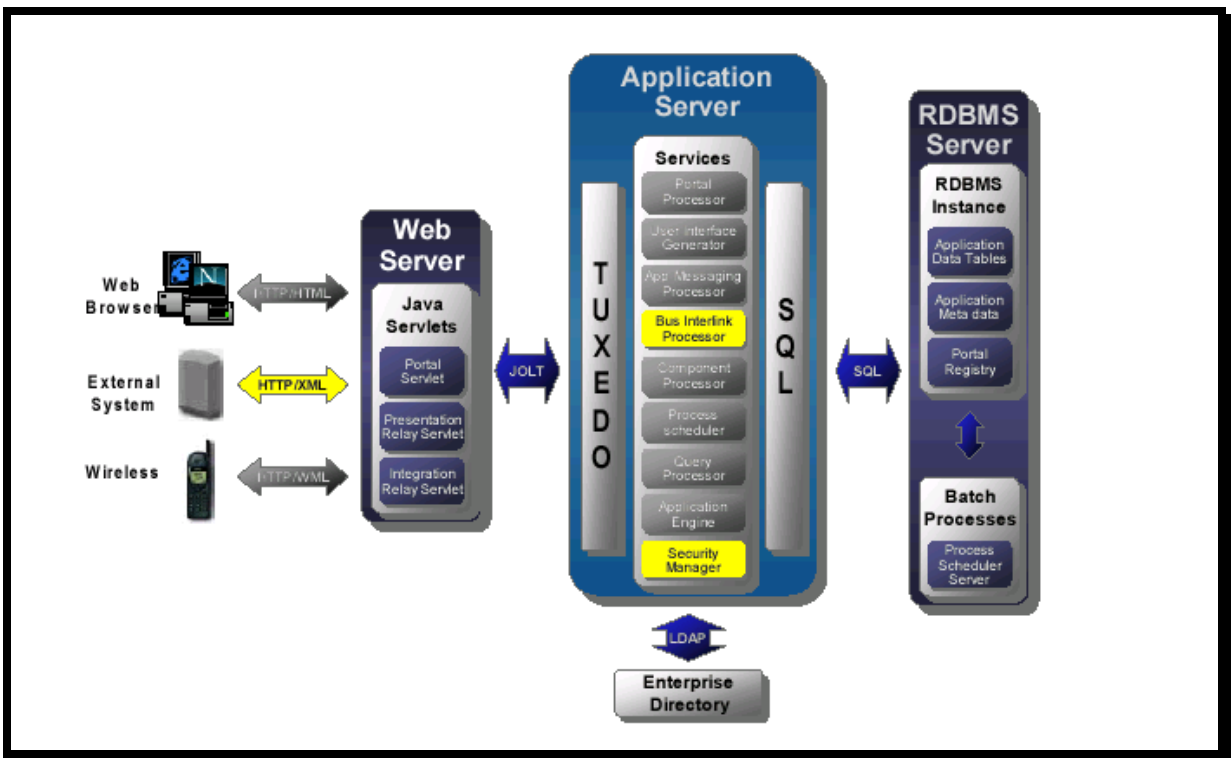


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PeopleSoft Architecture

Built on a highly scalable multi-tier architecture, PeopleSoft has steadily expanded the scope and reach of their applications over the years. Based on a client-server architecture, PeopleSoft 7 was characterized with a TUXEDO transaction processing middleware. Later in version 7.5, PeopleSoft introduced a Java-based interface to their application suite. Today, PeopleSoft 8.x represents a brand-new architecture that is completely web-based with an HTML user interface.

People Flash has been extremely successful due to its easy deployment in a PeopleSoft 8.x environment, resulting in increased customer satisfaction and lowering of total cost of ownership.



PeopleSoft 8 Architecture



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Typical Challenges

In the past, PeopleSoft version 7.6 Administrator utilized TUXEDO to broadcast messages thus alerting all connected Users of subsequent actions on his part, preventing loss of data/efforts of such Users. Users in PeopleSoft version 7.6 operated on a 2-Tier mode system enabling a direct connection via TUXEDO with the PeopleSoft application server. Therefore, the TUXEDO command broadcast solved the problem of an Administrator to send alert messages to the Users. Although not a very sophisticated way to deliver, it was a working utility if configured correctly.

Today with Version 8.x, the PeopleSoft architecture has evolved along with time and Internet technologies. Architecture utilized by the PeopleSoft system today is multi-tier with multiple app server domains, jolt handlers, web servers and proxy servers.

- Users connect to proxy servers (in complex environments) through the browser on request/response basis (HTTP Protocol).
- Proxy servers connect to secondary web servers.
- Web servers utilizing the PIA connect to the multiple application server domain using Jolt connection as a pipe.
- Application server connects the database to query/modify/add data.

In such cases, the User is utilizing the web browser as a client for the PeopleSoft system and does not directly connect to the application server. However, the client system does not have a PeopleSoft client installed and thus the previous utility of an Administrator to communicate with the Users does not hold good anymore.

Today, a PIA Administrator lacks an automated utility where messages can be broadcast to all the PeopleSoft Users in one flash.

Hence, the solution **People Flash.**



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Technical Advantages

- People Flash is **maintenance free!** Even during any future upgrades to the PeopleSoft system. This is precisely the reason behind developing People Flash within PeopleSoft.

- People Flash is **installed at ease** utilizing not more than 40 minutes of your time! People Flash comes as a PeopleSoft project imported into App Designer. It is as easy as applying a regular PeopleSoft update or patch.
- People Flash is enabled to work in a client-server (2 tier) and web client (multi tier) environment, which does not require any event occurring on the client-side.
- No matter how many Administrators are broadcasting different messages at a time, it is not a resource constraint on your PeopleSoft system, even with massive messaging.



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Everyday Use of People Flash

- The Administrator needs to send the following message to all Users instantly: *"The application server will be down for 15 minutes, for emergency maintenance. Please save your work and log out"*. With People Flash, the administrator can simply broadcast this message in a flash! Thus preventing loss of data and efforts of the entire PeopleSoft user base in your organization.
- The new CEO wants to communicate with all the employees. He simply sends a message across the PeopleSoft user base asking the employees to click on the hyperlink, thereby directing them to the intranet where the letter from CEO can be viewed. Further, tracking and analysis is possible to ascertain the number of employees actually reading the letter.
- Sales department receives a new Purchase Order. The department Head can broadcast the Purchase Order to selected Sales personnel within a PeopleSoft environment.

The list can go on and on. Currently our valued customers are suggesting varied ways for utilization of this tool, in the process also developing their own custom applications.

*Basic fact remains that this is the **most efficient way** to instantly mass communicate with entire or selected PeopleSoft user base without any significant change in your PeopleSoft environment.*



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Features of People Flash

Message Scheduling and Expiry: People Flash can either be utilized to flash the messages instantly or can pre schedule messages to be broadcasted for any future date or time.

User based Messages: People Flash can send the messages to specific user or group of Users.

Security driven Messages: People Flash can send the messages to one or more permission lists and/or roles assigned to the Users' roles.

Role based Messages: People Flash can send the messages to one or more roles assigned to Users.

Hyper linked Messages: Hyperlinks can be added to the People Flash message.

Additional Features:

The following additional features can be introduced with minimum development efforts:

Response: Once a message is flashed, any of the receivers can respond back to the particular group to which the message was flashed.

<Storing the set of permission lists / roles / operator ids>

Tracking: Messages can contain hyperlinks. People Flash can track the number of Users that actually clicked on the hyperlinks

PeopleSoft Upgrades

Since People Flash uses PeopleSoft tables, no problems are encountered during any upgrades to the existing PeopleSoft environment.



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Conclusion

PeopleSoft required a simple message broadcasting utility. Thinking Minds has developed a solution to meet the needs of PeopleSoft Users worldwide.

At Thinking Minds we are confident that the more you learn about our targeted applications, the more you will trust us with your mission critical applications.

Take the first step today to growing your business tomorrow.



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