

# ORACLE BEEHIVE MESSAGING

## KEY FEATURES

### Modern Messaging Platform

- Email
- Calendaring and Group Scheduling
- Task Management
- Address Book and Global Directory
- Personal Document Management
- Integrated Search

### Choice of Clients

- Microsoft Outlook
- Beehive Webmail for Web Access
- Standards-Based Clients including Thunderbird and Apple Mail
- Mobile Devices including iPhone and Blackberry
- Portlets for Portal Interoperability

### Built for the Enterprise

- Highly Scalable
- Integrates with Existing ID Management Infrastructure
- Records Management Ready
- Centralized Security, Auditing
- Flexible Deployment and Provisioning Options
- Cross-Platform Support for Linux, Microsoft and Solaris

### Pre-Integrated with Other Beehive Services

- Voicemail and Inbound Fax
- Synchronous Collaboration (IM, Presence and Conferencing)
- Team Collaboration (Team Workspaces and User Directory)

*Oracle Beehive Messaging delivers extremely scalable, secure, manageable messaging services for the enterprise. Built on the unified Oracle Beehive collaboration platform and leveraging Oracle Fusion Middleware and the Oracle Database, Beehive Messaging provides advanced capabilities to end users – including mobile access, integrated voicemail and fax, and document management – while providing IT with the robust security and streamlined manageability of Oracle Beehive’s modern collaboration architecture.*

## A Modern Enterprise Messaging Platform

Oracle Beehive provides messaging services - email, calendar, tasks, and address book - to users through the clients that best fit the organization and users’ needs. By embracing open standards and extensibility, Beehive messaging services can be accessed through Microsoft Outlook, Beehive Webmail (a web client), standards-based clients like Mozilla Thunderbird, and mobile devices like the Apple iPhone and RIM Blackberry. Beehive Messaging easily integrates with other modular Beehive components to deliver complimentary capabilities including voicemail and fax, team collaboration, instant messaging and conferencing.

Beehive Messaging delivers superior manageability and scalability leveraging Oracle Fusion Middleware and the Oracle 11g Database. User provisioning and system management is simplified through a consolidated system and object model which provides common policy, audit, access control and user management across the system.

Beehive Messaging easily fits into your existing enterprise infrastructure. It integrates directly with popular directories including Microsoft Active Directory and interoperates with existing solutions such as Microsoft Exchange and IBM Lotus Domino. Beehive Messaging is ‘compliance ready’, supporting in-place records and retention management in conjunction with Oracle Universal Records Management and providing easy integration with external email archiving products.

## Choice of Messaging Clients

Beehive Messaging gives organizations the choice of using clients that best fit the organizations’ and individual users’ needs. From completely web-based to mobile, Beehive Messaging provides flexible options that enhance the organizations’ productivity.

Beehive Extensions for Outlook (OBEO) provides an advanced, integrated client experience based on the popular Microsoft Outlook email client. Beehive improves

the traditional Outlook experience through collaborative document management, integrated access to team collaboration, and integration with Oracle Beehive Conferencing.

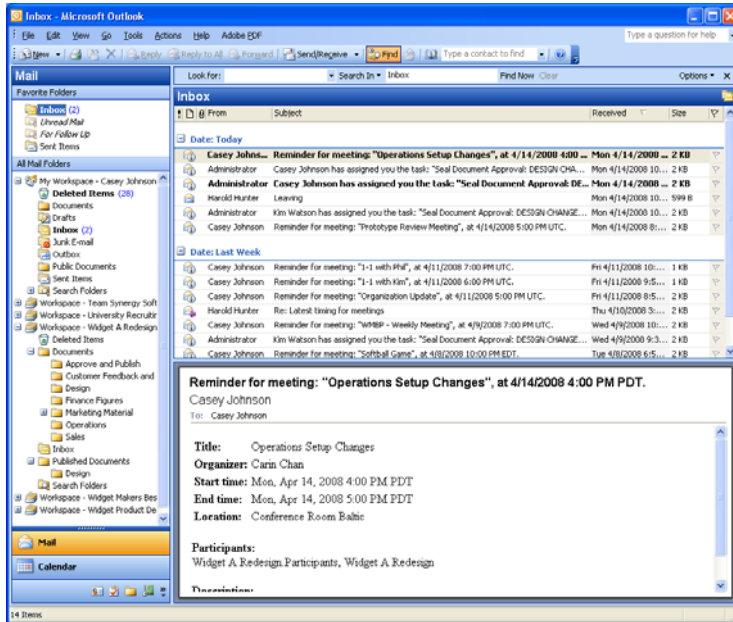


Figure 1: Oracle Beehive extends Microsoft Outlook to display personal and team workspaces for easier document sharing.

Web-based users can access email through Beehive Webmail, an AJAX-based rich web client based on the open source Zimbra technology. Beehive Webmail provides advanced features such as a drag-and-drop interface, personal tagging, and folder, calendar and address book sharing.

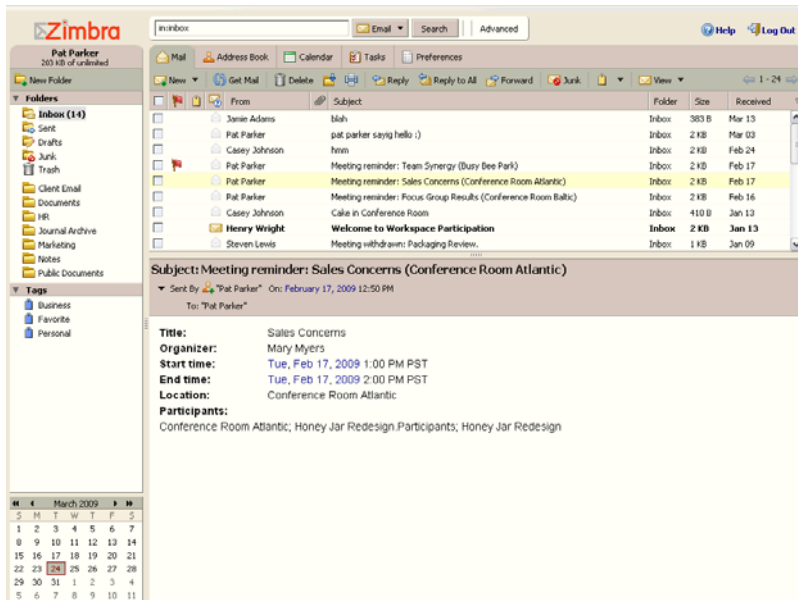


Figure 2: Use Oracle Beehive Webmail for online access to email.

For organizations that prefer using standards-based or third-party software, Beehive supports the major standards for messaging (IMAP / SMTP), calendaring (CalDAV), and document access (WebDAV). This gives organizations the freedom to choose Oracle-certified clients based on business need and user preference. The Beehive messaging portlets can be deployed in a range of enterprise portals and other web applications to provide quick access to Beehive messaging services. All Beehive portlets support the JSR 168 and WSRP standards.

Mobile workers are first-class citizens with Oracle Beehive. They can easily configure and access Beehive Messaging services from popular mobile devices including the Apple iPhone, Windows Mobile phones, and RIM Blackberry. Beehive also supports a wide range of mobile standards (including OMA-DS) and has partnerships with third-party application providers to enable a broad set of capabilities and device management. Additional details on accessing Beehive from mobile devices can be found in the Oracle Beehive Mobile Datasheet.

### **Simplified Management**

Oracle Beehive Messaging is designed to leverage your existing Oracle infrastructure and skills. Beehive Messaging embeds Oracle Fusion Middleware and leverages the Oracle 11g Database to deliver dependable, scalable messaging services. With Beehive Messaging, organizations can take advantage of their existing infrastructure and expertise (backup/recovery, high availability, data management, monitoring, etc.), while reducing management complexity and standardizing system management. For example, Oracle Beehive system monitoring integrates with Oracle's Enterprise Manager Grid Control (EMGC).

System management is simplified in Beehive Messaging due to Beehive's unified architecture and object model which provides common system and user management, policy, audit, and access control across all components – Messaging, Synchronous Collaboration, Voicemail, and Team Collaboration. Administrators have the flexibility to manage the configuration and business aspects of Beehive Messaging through Oracle Beekeeper, a web-based admin interface, or by using Beehive's scriptable command line utility.

End-user support requirements are minimized by desktop and mobile device self-provisioning. Users can download applications and be automatically notified of new versions for hassle-free provisioning and upgrades. Mobile device management support includes device wipe and automatic provisioning (device dependent).

### **Enterprise Infrastructure Ready**

Beehive Messaging protects your current IT infrastructure investment by easily integrating into your existing systems. Beehive integrates directly with many popular user directory solutions including Microsoft Active Directory, Open LDAP and Oracle Internet Directory for provisioning and single sign-on (SSO). Beehive Messaging also provides calendaring and scheduling coexistence with Microsoft Exchange and IBM Lotus Domino, allowing IT to keep some users on the existing email system or migrate users to Oracle Beehive in a predictable manner without requiring an all-or-nothing cutover. Support for popular anti-virus/spam products including Symantec is also provided. For scalability, Oracle Beehive can be

deployed with Oracle Real Application Clusters (RAC) and Oracle Data Guard, providing a highly-available system that supports tens of thousands of concurrent users.

### **Compliance Ready**

Beehive messaging is 'compliance ready' and provides journaling-based integration with most archiving solutions. In-place records management is possible with a direct integration with Oracle Universal Records Management. Comprehensive audit capabilities allow Beehive Messaging to provide detailed audit records of a user's activities, making the system even more compliance ready.

Beehive Messaging provides a number of customization and integration options. Workflow for Beehive Messaging is provided through the embedded BPEL engine. Business events – provided through the Beehive Object Model - provide launching points for custom workflows and loose integration with external systems. The Beehive Development Kit (BDK) provides a comprehensive, RESTful API that allows organizations to easily access information and build custom applications.

### **Integration with Other Beehive Collaboration Services**

Oracle Beehive Messaging is just one component of the Oracle Beehive collaboration platform. When deployed with the other Beehive components, it becomes part of a modern, consolidated infrastructure that simplifies system management and increases productivity - for users and IT - through integrated end-user tools and a single, centralized administration for:

- Voicemail and Fax – Oracle Beehive provides voicemail and inbound fax services to Beehive Messaging users. Voicemail and fax messages are delivered to users' email inbox and are accessible through any Beehive messaging client.
- Synchronous Collaboration – Oracle Beehive provides instant messaging, presence, voice chat and web conferencing. These services integrate with Beehive Messaging for presence status and streamlined conference scheduling.
- Team Collaboration – Oracle Beehive provides team workspaces with wikis, document sharing, team calendars, and task assignments. Workspace content including inboxes, team calendars, tasks and documents are accessible from within Beehive Messaging clients.

### **Flexible Deployment and Migration Options**

Oracle Beehive Messaging can be deployed on premise or hosted through Oracle On Demand, with options ranging from a managed service to a subscription-based SaaS (Software as a Service) model. Beehive Messaging includes migration tools for transitioning users from Microsoft Exchange, IBM Lotus Domino, Novell GroupWise or any IMAP-based system, and migration assistance, if desired, is available from Oracle Consulting and a variety of Oracle-certified partners.

## BENEFITS

- Standardize on a Single, Modern Collaboration Platform
- Reduce Messaging Infrastructure Costs
- Simplify the Security and Auditing of Messaging Data
- Reduce the Risks and Costs Associated with Compliance
- Enhance User Productivity by Surfacing Collaboration Tools and Content in Messaging Clients
- Leverage Existing IT Investments in Security and Directory Infrastructure
- Transition Users Without Additional Training Costs or Productivity Hits

## Contact Us

For more information about Oracle Beehive, please visit [oracle.com/beehive](http://oracle.com/beehive) or call +1.800.ORACLE1 to speak to an Oracle representative.



Oracle is committed to developing practices and products that help protect the environment

Copyright © 2010, Oracle and/or its affiliates. All rights reserved.

This document is provided for information purposes only and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners. 0109