

# ORACLE BEEHIVE ENTERPRISE MESSAGING SERVER

## KEY FEATURES

### Modern Messaging Platform

- Email
- Calendaring and Group Scheduling
- Task Management
- Address Book and Global Directory
- Voicemail and Inbound Fax
- 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 Beehive Collaboration Services

- Real-Time Collaboration (IM, Presence and Web and Voice Conferencing)
- Team Collaboration (Team Workspaces and User Directory)

*The Oracle Beehive Enterprise Messaging Server delivers extremely scalable, secure, manageable messaging services for organizations of any size. Built on the unified Oracle Beehive collaboration platform and leveraging Oracle Fusion Middleware and the Oracle Database, Beehive Enterprise 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, unified architecture.*

## A Modern Enterprise Messaging Platform

Oracle Beehive Enterprise Messaging provides email, calendar, task management, and address book services to users through the clients that best fit the organization’s 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 Enterprise Messaging includes voicemail and fax services and tightly integrates with other modular Beehive collaboration modules including team collaboration, instant messaging and conferencing.

Beehive Enterprise 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 Enterprise Messaging easily fits into your existing enterprise infrastructure. It integrates directly with popular directories including Microsoft Active Directory and interoperates with existing messaging solutions such as Microsoft Exchange and IBM Lotus Domino. Beehive 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 Enterprise Messaging gives organizations the choice of using clients that best fit the organizations’ and individual users’ needs. From completely web-based to mobile, Beehive provides flexible options that enhance user productivity.

Oracle 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 workspaces, and integration with Oracle Beehive web and voice conferencing services.

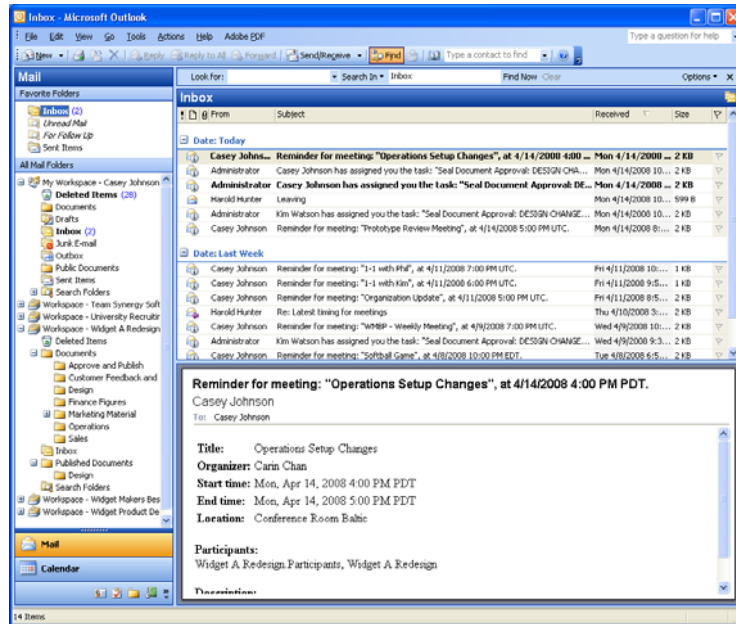


Figure 1: Oracle Beehive extends Microsoft Outlook to display personal and team workspaces for easier document sharing.

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.

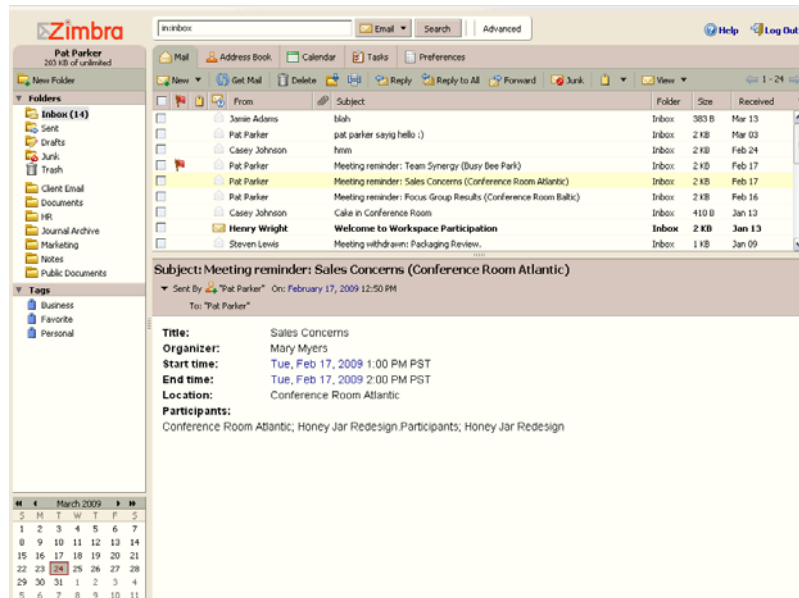


Figure 2: Use Oracle Beehive Webmail for online access to email.

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. In addition, Beehive 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 is designed to leverage your existing Oracle infrastructure and skills. Beehive embeds Oracle Fusion Middleware and leverages the Oracle 11g Database to deliver dependable, scalable messaging services. With Beehive, 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 due to Beehive's unified architecture and object model which provides common system and user management, policy, audit, and access control across all components. Administrators have the ability to centrally manage the configuration and business aspects of Beehive 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. Beehive 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.

### **Enterprise Infrastructure Ready**

Oracle Beehive 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 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**

Oracle Beehive 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 to provide detailed audit records of a user's activities, making the system even more compliance ready.

Beehive provides a number of customization and integration options. Workflow for Beehive messaging services 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 Enterprise Messaging is just one component of the Oracle Beehive Enterprise Collaboration Server. When deployed with the other Beehive modules, it becomes part of a modern, consolidated communication and collaboration 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 Enterprise Messaging includes voicemail and inbound fax services for Beehive messaging users. Voicemail and fax messages are delivered to users' email inboxes and are accessible through any Beehive messaging client.
- Real-Time Collaboration – The Oracle Beehive Enterprise Collaboration Server includes instant messaging, presence, voice chat and web conferencing. These services integrate with Beehive Enterprise Messaging for presence status and streamlined conference scheduling.
- Team Collaboration – The Oracle Beehive Enterprise Collaboration Server includes team workspaces with wikis, document sharing, team calendars, and task assignments. Workspace content including team emails, team calendars, tasks and documents are accessible from within Beehive messaging clients.

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

Oracle Beehive Enterprise Messaging can be deployed on premise or as a managed

## 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
- Migrate Users Without Additional Training Costs or Productivity Hits

service through Oracle On Demand. Beehive also includes migration tools for transitioning from legacy email systems including Microsoft Exchange, IBM Lotus Domino, Novell GroupWise or any IMAP-based system. Migration assistance, if desired, is available from Oracle Consulting and a variety of Oracle-certified partners.

### 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.



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