



**Architecture Data Sheet  
16 R1**

June 2016



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# EnterpriseTrack Architecture Overview

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The Oracle Instantis EnterpriseTrack system is a web-based application built on standard Java technologies. It is accessible to users through standard Internet browsers. For customers who host the application on-premise, the application runs on Java server platforms and uses an SMTP mail server for internally generated outbound emails.

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## Core Functionality

The EnterpriseTrack application provides the following core functionality:

- ▶ **Strategy and Process Management:** Define a portfolio of strategic goals and initiatives and use it to drive business and IT strategy execution from the top down.
- ▶ **Idea Management:** Capture new project ideas and filter requests by leveraging an online portal.
- ▶ **Demand Management:** Streamline and standardize in-take capture, workflow, prioritization, resource scoping, and approval processing for simple and complex project work demand.
- ▶ **Proposal Management:** Enforce a standardized workflow for promoting an idea to a proposal, selecting and approving proposals, ensuring alignment with strategic goals.
- ▶ **Capacity Management:** Facilitate resource optimization via "what if" scenario planning to simulate the impact of shifting, excluding, or adjusting effort of proposed project plans.
- ▶ **Resource Management:** Enhance resource pool visibility and allocation control by balancing in-bound work demand with available resource supply (i.e. time, people, and money).
- ▶ **Project Management:** Ensure best practice application of chosen methodologies, increase project visibility (status, issues, risks, etc.) and guide project team execution success.
- ▶ **Knowledge Management:** Improve project success rates by leveraging a centralized knowledge base of project best practices, documents, tools and templates.
- ▶ **Finance Management:** Track planned vs. actual costs with top-down and bottom-up project budgeting, as well as capitalization, expense, and charge back accounting.
- ▶ **Metrics Management:** Track and roll-up non-financial performance indicators such as defects, service levels, trouble tickets, or any other operational metric of choice.
- ▶ **Survey Management:** Gather feedback on demand from key internal customers and stakeholders with simple online surveys and polls.

- ▶ **Dashboards and Reports:** Compose and share project- and portfolio-level dashboards and reports at any phase of the project life cycle from ideas to proposals to project execution to metrics and results.
- ▶ **Collaboration:** Deploy a seamless, fully integrated social networking capability for project team and stakeholder communication and collaboration and realize immediate productivity results.
- ▶ **Integration:** Leverage a comprehensive portfolio of options for integrating with desktop applications and project management tools, enterprise applications, and IT service management systems.
- ▶ **Mobile App:** Approve or reject timesheets and view dashboards on iOS and Android devices using the EnterpriseTrack mobile app.

## Server Requirements

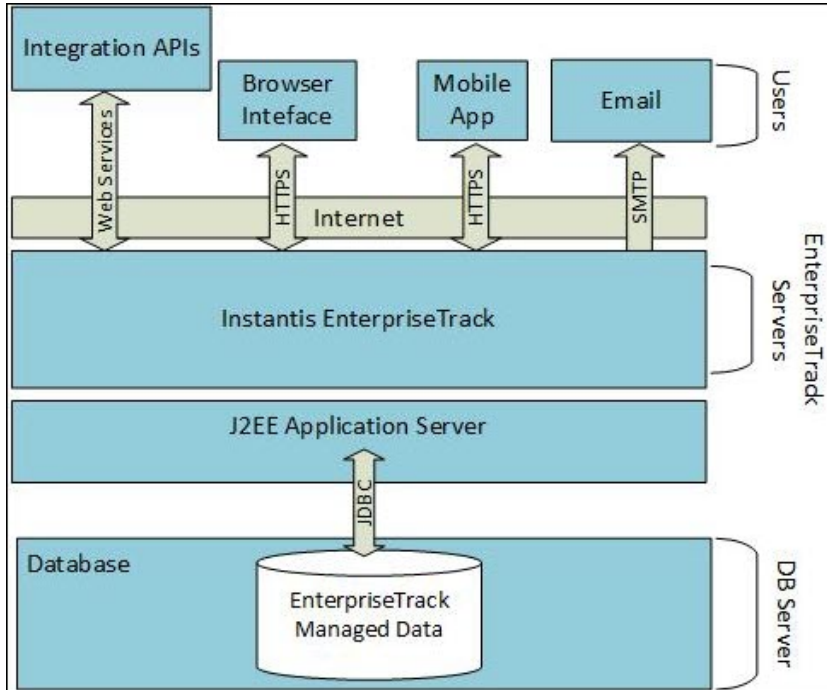
Oracle Instantis EnterpriseTrack is a Java 2 Platform, Enterprise Edition (J2EE platform) web application. The J2EE platform consists of a set of industry-standard services, APIs, and protocols that provide functionality for developing multi-tiered, web-based, enterprise applications. It requires the following elements:

- ▶ **Middle-tier:** J2EE-compliant application server and web server. If not already installed, you will need to install the Java JDK available from Oracle.
- ▶ **Database Server:** The main database for all your data. It uses the Oracle Database to store data.
- ▶ **Database Client Connectivity:** JDBC client driver to talk to the Oracle Database. This needs to be installed on all middle-tier machines.
- ▶ **Mail:** An SMTP capable mail server (e.g.: Sendmail, Microsoft Exchange, etc.) is required to deliver outbound SMTP email messages.
- ▶ **Operating Systems:** Windows or Linux.

Refer to the *Tested Configurations* document for minimum hardware requirements and supported versions of operating systems and databases.

## Fit in the Enterprise

EnterpriseTrack is designed to work with a variety of hardware and software, as well as integrate with existing Enterprise systems. The figure below depicts how it fits within the enterprise.



Oracle Instantis EnterpriseTrack resides on an application server. The application data repository resides on the database server. Typical Oracle Instantis EnterpriseTrack deployments consist of the following components:

- ▶ A clustered web server, which is load balanced using a load balancing router or software solution. End-users, including administrators, interact with Oracle Instantis EnterpriseTrack through these web servers.
- ▶ A clustered J2EE application server on which Oracle Instantis EnterpriseTrack is deployed.
- ▶ RDBMS as a data repository for Oracle Instantis EnterpriseTrack. Depending on the dataset size, the database server can be a standalone or clustered server.

## Deployment Options

EnterpriseTrack is available for on-premise deployment or as a software service from Oracle Cloud.

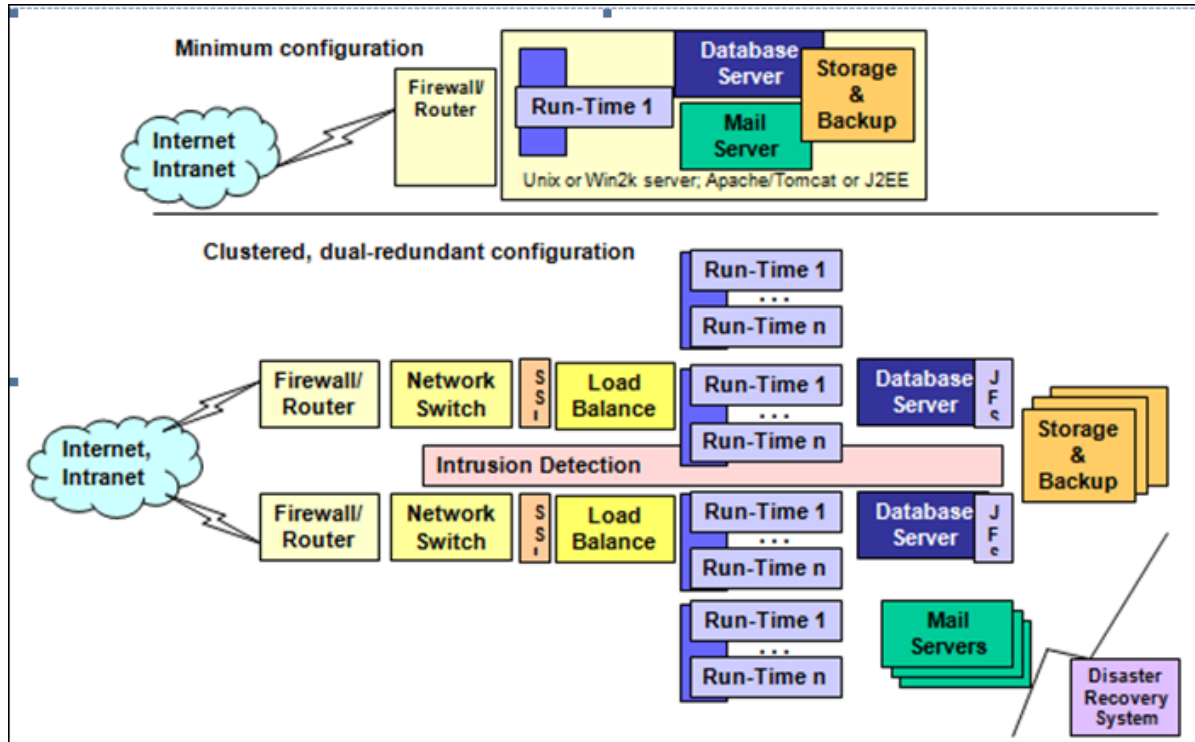
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## EnterpriseTrack Deployment Configuration Options

EnterpriseTrack is designed to be highly scalable, reliable, and secure. The figure below depicts two scenarios for the deployment of EnterpriseTrack within the enterprise:

- ▶ Minimum configuration
- ▶ Clustered, dual-redundant configuration





## For More Information

### Where to Get Documentation

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Complete documentation libraries for EnterpriseTrack releases are available on the Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/documentation/default-1956119.html>

From this location you can either view libraries online or download them to have local copies. We recommend viewing them from OTN to ensure you always access the latest versions, including critical corrections and enhancements.

The documentation assumes a standard setup of the product, with full access rights to all features and functions.

#### Help System Access

EnterpriseTrack is configured to access its help system directly on OTN. However, a downloadable version of the help system is also available on OTN if you need to download, deploy, and access a local copy.

### Documentation Accessibility

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For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

#### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

### Where to Get Training

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To access comprehensive training for all Primavera products, go to:

<http://education.oracle.com>

## Oracle Learning Library

The Oracle Learning Library (OLL) provides online learning content covering Primavera products. Content includes videos, tutorials, articles, demos, step-by-step instructions to accomplish specific tasks, and self-paced interactive learning modules.

To access the learning library's Primavera content, go to:

<http://www.oracle.com/oll/primavera>

## Where to Get Support

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If you have a question about using Oracle products that you or your network administrator cannot resolve with information in the documentation or help, click <http://support.oracle.com>. This page provides the latest information on contacting Oracle Global Customer Support, knowledge articles, and the support renewals process. For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2> to view **Support Tools & Tips**.

### Using Primavera's Support Resource Centers

Primavera's Support Resource Center provides links to important support and product information. Primavera's Product Information Centers (PICs) organize documents found on My Oracle Support (MOS), providing quick access to product and version specific information such as important knowledge documents, Release Value Propositions, and Oracle University training. PICs also offer documentation on Lifetime Management, from planning to installs, upgrades, and maintenance.

Visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=1486951.1> to access links to all of the current PICs.

PICs also provide access to:

- ▶ **Communities** are moderated by Oracle providing a place for collaboration among industry peers to share best practices.
- ▶ **News** from our development and strategy groups.
- ▶ **Education** contains a list of available Primavera product trainings through Oracle University. The Oracle Advisor Webcast program brings interactive expertise straight to the desktop using Oracle Web Conferencing technology. This capability brings you and Oracle experts together to access information about support services, products, technologies, best practices, and more.

### Creating a Service Request

EnterpriseTrack integrates with different Oracle applications; when you create a Service Request, be sure to open the request with the proper Support team. To ensure you reach the proper Support team, enter the correct product information when you create the Service Request. Each product has its own support line.

- ▶ Use the **Instantis EnterpriseTrack** support line when you are having installation, configuration, or connection issues related to EnterpriseTrack.
- ▶ Use one of the following support lines when you are having installation or configuration issues that do not relate to EnterpriseTrack:
  - ▶ Oracle WebLogic Server
  - ▶ Oracle Database Server
  - ▶ BI Publisher
  - ▶ Oracle Access Manager

### **Keeping Your Software Up to Date**

To ensure you have the latest versions of your products, be sure to download and install all available patch sets from <http://support.oracle.com>.

### **Finding Security-related Patches**

To get the latest information about Critical Patch Updates, visit <http://www.oracle.com/technetwork/topics/security/alerts-086861.html>.

# Legal Notices

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Oracle Instantis EnterpriseTrack Architecture Data Sheet

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