



## EnterpriseOne Planning Console

### New Functionality for Manufacturing Planners

By Keith Figgins

**E1 Editor's Note:** With the introduction of 64-bit processing, exciting functionality has been added to EnterpriseOne for Manufacturing Planners. This article explores all the new features available to Planners within a single presentation that eliminates previous disjointed data review and improves the Planner's ability to decipher suggested MRP messages and react appropriately.

### Introduction

EnterpriseOne Material Planners have historically used the MRP message screen (P3401/P3411) to review suggestions and create Work Orders (WO), Purchase Orders (OP), and Warehouse Transfers (OT).

Validating these suggestions requires multiple exits from the message screen to review data in Inventory Balances, Forecasting, Open Order Inquiry, Supply and Demand, Manufacturing Configuration, or Time Phased Order Processing (TPOP).

This article will review the following topics for this new functionality in EnterpriseOne:

1. Planning Console History
2. Overview of the Planning Console
3. Planning Console Configuration
4. Managing Messages in the Planning Console Summary Screen
5. Managing information in the Planning Console Detail Screen; Critical Component Capability and 'What If' Capabilities
6. Using the Detailed Planning Console
7. Limitations

## Planning Console History

Oracle previously offered a separate, purchased enhancement providing an in-memory planning solution with a global view of the MRP message suggestions, future requirements, and current inventory levels. It became available to clients with E9.1, update 5.

Clients were required to purchase a separate license for In-Memory Planning Advisor with it running on SPARC Oracle Supercluster engineered systems. With the availability of the Planning Console in EnterpriseOne 9.2 and tools release 9.2.5 or 9.2.6 (with 64-bit processing), support for the previous In-Memory Planning Advisor ends in September 2023 and is replaced by the new Planning Console.

The previous Planning Advisor used Oracle Database In-Memory capabilities utilizing Oracle Database 12c. Oracle Database In-Memory delivered sufficient performance providing processing speeds hundreds or thousands of times faster than those of conventional databases. In-Memory Planning Advisor was specifically built and optimized for extreme performance on [Oracle Engineered Systems](#) including [Oracle Exadata Database Machine](#), [Oracle Exalogic Elastic Cloud](#), and [Oracle Supercluster](#) which can manage large and complex data sets in real-time, central to in-memory applications.

With EnterpriseOne 9.2, Release 22, Tools 9.2.6, the Planning Console is now available as part of the existing EnterpriseOne Requirements Planning module. This was made possible by Oracle's move from ADF to a 64-bit database with this tools release, resulting in EnterpriseOne apps running faster and allowing for in-memory resident applications. Graphical applications such as ADF and JET (Java Extension Toolkit) can now function in Oracle, Microsoft, DB2, and Linux databases.

Figure 1 is a graphical comparison of processing speeds between 32-bit vs. 64-bit.

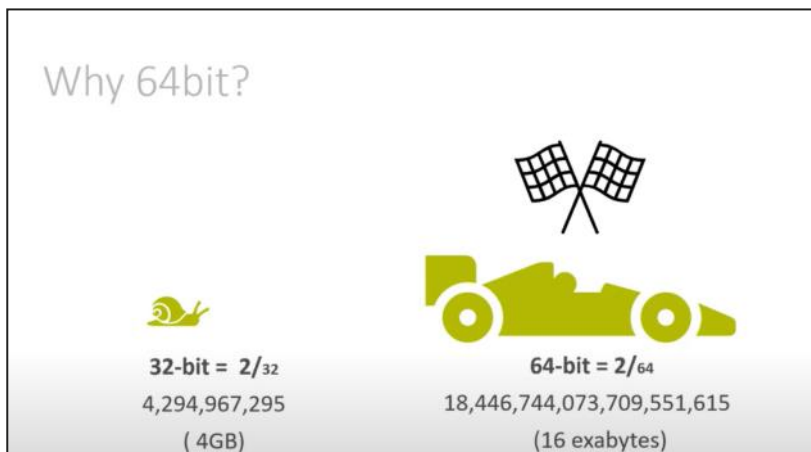


Figure 1: Comparing 32-bit to 64-bit processing speeds

## New EnterpriseOne Functionality

The EnterpriseOne Planning Console is an exciting tool that will significantly improve the planning process for Oracle JD Edwards material planners.

Batch processing of MRP (R3482/R3483) will continue to be run weekly (gross regen) and daily (net change).

The new Planning Console uses the batch MRP system generated messages and presents them in a new wholistic format making it easier for the Planning to manage the many MRP generated messages.

It also provides new functionality to manage critical items or BOM components.

The process flow shown in Figure 2 illustrates the configuration and utilization of JD Edwards EnterpriseOne Requirements Planning Summary and Console program (P34x):

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