



## Oracle eAM Advanced – 3 Days

### Course Description

The Oracle eAM Advanced User course will guide customers in advancing utilization of Oracle eAM to improve maintenance operations. This course covers advanced functionality within Oracle eAM, along with topics such as defining and creating metrics and basic reporting to monitor status of metrics. Customer case studies are reviewed and attendees will participate in hands-on sessions for learning various advanced features in Oracle eAM.

### Objectives

After completing this course, participants should be able to perform the following tasks:

- ❖ Set up Statistical Predictive Maintenance Module
- ❖ Set Failure Analysis Metrics
- ❖ Recalculate labor hours and task durations
- ❖ Update Spare Parts list
- ❖ Run ABC and Reorder Point Analysis
- ❖ Use Failure/FRO Analysis/MTBF
- ❖ Review Oracle eAM Data Model
- ❖ Create and modify Crystal Reports for Oracle eAM
- ❖ Define and create metrics
- ❖ Review tools to track metrics
- ❖ Understand how other companies have benefited by practicing advanced maintenance processes.

### Who Should Attend?

Oracle eAM users interested in expanding or refining their use of Oracle eAM, and driving out more value from their maintenance processes, will benefit from the Oracle eAM Advanced User course. This course applies to existing customers with experience in basic functionality using any version of Oracle eAM.

### Prerequisites

Class participants should have taken either Oracle eAM Complete, Oracle eAM Materials or Oracle eAM

Maintenance classes. Alternatively, 2 years of established Oracle eAM usage is recommended.

### HIGHLIGHTS:

- ❖ Build an understanding of Key Performance Indicators (KPIs)
- ❖ Fine tune day-to-day use of Oracle eAM to allow more accurate histories
- ❖ Provide a method of capturing accurate information for enhanced KPI functionality
- ❖ Learn examples of how other companies are affecting maintenance performance using maintenance process measurement

### Day 1

#### Security Setup

#### Utilities Overview

#### Advanced Topics

- ❖ Recalculate Estimated Labor Hours on Tasks
- ❖ Recalculate Task Durations
- ❖ Update Spare Parts List
- ❖ Use Statistical Predictive Maintenance
- ❖ SPM Failure Analysis
- ❖ Reason for Outage
- ❖ Generate ABC Analysis

#### Work Order Analysis & Metrics

- ❖ Graphs/Reports
- ❖ MTBF
- ❖ Analyze Equipment Failure

#### Inventory/Purchasing Analysis & Metrics

- ❖ Graphs/Reports
- ❖ Reorder Point Analysis
- ❖ Forecasting Demand
- ❖ Vendor Performance
  - ❖ Add-On Overview

### Day 2

#### Define and Create Metrics for Oracle eAM

- ❖ Theory (Metrics)
- ❖ Ad-hoc vs. Analytical Reporting
- ❖ Oracle eAM Data Model
- ❖ Setting Up Crystal Reports & ODBC Connection
- ❖ Crystal Reports Overview

### Day 3

#### Reporting Lab

- ❖ Frequently-Used Metrics
- ❖ Define Individual KPI Metrics
- ❖ Build KPI Report
- ❖ Oracle eAM Report Modification
  - ❖ Custom Report Integration