



# ORACLE E-BUSINESS SUITE TRANSFER OF INFORMATION (TOI) TRAINING

Releases 12.2.x (inclusive of 12.2 – 12.2.14+)

**Prepared by Oracle E-Business Suite Product Development**

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# 1. Introduction

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## 1.1. Purpose of Document

Oracle offers free, online “Transfer of Information” (TOI) training on how to “Implement and Use” new and enhanced features of the ongoing Oracle E-Business Suite 12.2 releases, which include 12.2.x suite-wide Release Update Packs, Enterprise Command Center Updates, and Mobile Apps Updates.

The short (one hour or less) TOI sessions are organized by release, product, and feature set. Each TOI describes the day-in-the-life use and setup of a product feature set, along with troubleshooting tips and best practices.

The TOIs, which are pre-recorded by Oracle Development product experts, are targeted for use by customer and partner implementers.

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## 1.2. Accessing TOI Training

For your convenience, this document provides direct link access to each of the Oracle E-Business Suite TOIs. Links are listed by product area and product, and are ordered by 12.2.x release.

Note, the TOIs are hosted on Oracle University’s learning platform. If you are prompted to sign into your Oracle account, proceed to do so. If you do not yet have an Oracle account, follow the on-screen instructions for creating one.

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## 1.3. TOI Recording Formats

TOIs for Oracle E-Business Suite 12.2.8+ and higher (i.e., starting from the Enterprise Command Centers - April 2019 Update) are in MP4 video format, which is supported by major desktop and mobile browsers.

TOIs for Oracle E-Business Suite 12.2.4 through 12.2.8 are in non-MP4 video formats that are best viewed in the Firefox browser.

TOIs for Oracle E-Business Suite 12.2 to 12.2.3 are in PDF only.

To access “Help and Support” for any TOI issue, click the dropdown menu in the upper-right corner of Oracle University’s [Oracle E-Business Suite Training TOIs home page](#).

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## 3. Applications Technology TOIs

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  - [R12.2.4 TOI: Implement and Use Application Framework - Usability Enhancements and Touch Friendly Gestures in OA Framework](#)
  - [R12.2.5 TOI: Implement and Use Application Framework - User Interface and New Components](#)
  - [R12.2.6 TOI: Implement and Use Application Framework](#)
  - [R12.2.7 TOI: Implement and Use Application Framework](#)
  - [R12.2.9 TOI: Implement and Use Oracle Application Framework](#)
  - [R12.2.10 TOI: Implement and Use Application Framework](#)
  - [R12.2.11 TOI: Implement and Use Application Framework - OA Framework New Features](#)
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### 3.2. Application Object Library

- [R12.2 TOI: Implement and Use Application Object Library \(AOL\) - Flexfields Security and Separation of Duties for Value Sets](#)
  - [R12.2 TOI: Implement and Use E-Business Suite Secure Configuration - Allowed JSPs](#)
  - [R12.2 TOI: Implement and Use E-Business Suite Secure Configuration - Cookie Domain Scoping](#)
  - [R12.2 TOI: Implement and Use Internationalization](#)
  - [R12.2.4 TOI: Implement and Use Application Object Library - SECURITY: Redirect Filter](#)
  - [R12.2.5 TOI: Implement and Use Application Object Library - Concurrent Manager Utility](#)
  - [R12.2.6 TOI: Implement and Use Application Object Library - Internationalization](#)
  - [R12.2.6 TOI: Implement and Use Application Object Library - Secure Configuration Console](#)
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### 3.3. Applications DBA

- [R12.2 TOI: Implement and Use Applications DBA \(AD\) - Online Patching for DBAs](#)
- [R12.2 TOI: Implement and Use Applications DBA \(AD\) - Online Patching for Developers](#)
- [R12.2.11 TOI: Implement and Use Applications DBA - Enabling Unified Auditing in Oracle E-Business Suite 12.2 with Oracle Database 19c or 12c](#)
- [R12.2.11 TOI: Implement and Use Applications DBA - Oracle E-Business Suite 12.2 System Schema Migration](#)
- [R12.2.11 TOI: Implement and Use Applications DBA - Oracle E-Business Suite 12.2 System Schema Migration: Recommendations for Customization Compliance](#)

- [R12.2.11 TOI: Implement and Use Applications DBA - Oracle E-Business Suite 12.2 System Schema Migration: Technical Deep Dive](#)
  - [R12.2.12 TOI: Implement and Use Applications DBA - Managing Database Privileges in Oracle E-Business Suite Release 12.2](#)
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### **3.4. Applications Technology**

- [R12.2 TOI: Implement and Use Applications Technology - Middle Tier Technology Components](#)
  - [R12.2 TOI: Implement and Use Applications Technology \(TXK\) - FMW 11g Uptake: WebLogic Server and New Technology Management](#)
  - [R12.2 TOI: Implement and Use Applications Technology \(TXK\) - Provisioning and File System Changes](#)
  - [R12.2.7 TOI: Implement and Use Applications Technology - E-Business Suite Web Application Firewall](#)
  - [R12.2.9 TOI: Implement and Use Applications Technology - E-Business Suite Secure Configuration: Allowed Resources](#)
  - [R12.2.9 TOI: Implement and Use Applications Technology - Internationalization](#)
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### **3.5. E-Business Suite Integrated SOA Gateway**

- [R12.2 TOI: Implement and Use E-Business Suite Integrated SOA Gateway - Service Invocation Framework](#)
  - [R12.2 TOI: Implement and Use E-Business Suite Integrated SOA Gateway - Service Provider](#)
  - [R12.2.3 TOI: Implement and Use SOA - Support for REST Web Services](#)
  - [R12.2.4 TOI: Implement and Use E-Business Suite Integrated SOA Gateway](#)
  - [R12.2.5 TOI: Implement and Use E-Business Suite Integrated SOA Gateway](#)
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  - [R12.2.10 TOI: Implement and Use E-Business Suite Integrated SOA Gateway](#)
  - [R12.2.11 TOI: Implement and Use E-Business Suite Integrated SOA Gateway - REST Invocation Framework](#)
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### **3.6. Enterprise Command Center Framework**

- [R12.2.8 TOI: Implement and Use Enterprise Command Center Framework](#)
- [R12.2.8 TOI: Implement and Use Enterprise Command Center Framework - UI Components](#)
- [R12.2 V2 TOI: Implement and Use Enterprise Command Center Framework - Install](#)
- [R12.2 V2 TOI: Implement and Use Enterprise Command Center Framework - UI Components](#)
- [R12.2 V4 TOI: Implement and Use Enterprise Command Center Framework - Install](#)
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- [R12.2 V5 TOI: Implement and Use Enterprise Command Center Framework - UI Components](#)
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  - [R12.2 V14 TOI: Implement and Use Enterprise Command Center Framework - Install](#)
  - [R12.2 V14 TOI: Implement and Use Enterprise Command Center Framework - UI Components](#)
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### **3.7. Mobile Approvals**

- [R12.1 and R12.2 Mobile Release 5.0 TOI: Implement and Use Mobile Approvals V1.4 - Add Custom Approval Types](#)
  - [R12.1 and R12.2 Mobile Release 5.0 TOI: Implement and Use Mobile Approvals V1.4 - Updated UX and New Approval Types](#)
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### **3.8. Report Manager**

- [R12.2.5 TOI: Implement and Use Report Manager - New Features and Standards Compliance](#)
  - [R12.2.10 TOI: Implement and Use Report Manager](#)
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### **3.9. User Management**

- [R12.2.4 TOI: Implement and Use User Management \(UMX\) - EBS Proxy User Access Control](#)
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### **3.10. Web Applications Desktop Integrator**

- [R12.2 TOI: Implement and Use Web Applications Desktop Integrator \(Web ADI\) and Report Manager](#)

- [R12.2.4 TOI: Implement and Use Web Applications Desktop Integrator - Support Oracle Menu as an Excel Ribbon](#)
  - [R12.2.5 TOI: Implement and Use Web Applications Desktop Integrator - New Features and Standards Compliance](#)
  - [R12.2.6 TOI: Implement and Use Web Applications Desktop Integrator](#)
  - [R12.2.7 TOI: Implement and Use Web Applications Desktop Integrator](#)
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### **3.11. Workflow**

- [R12.2 TOI: Implement and Use Workflow](#)

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## 4. Asset Lifecycle Management TOIs

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### 4.1. Asset Tracking

- [R12.2 TOI: Implement and Use Oracle Asset Tracking - Capitalization on Sales Order Shipment](#)
- [R12.2.5 TOI: Implement and Use Asset Tracking - Self-Assessed Tax Interface to Fixed Assets & Retirement Tieback from Fixed Assets](#)
- [R12.2.6 TOI: Implement and Use Asset Tracking](#)
- [R12.2.8 TOI: Implement and Use Asset Tracking](#)
- [R12.2.11 TOI: Implement and Use Asset Tracking](#)

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### 4.2. Asset Tracking – Oracle Asset Tracking Command Center

- [R12.2.9++ TOI: Implement and Use Asset Tracking - Oracle Asset Tracking Command Center](#)
- [R12.2.10 TOI: Implement and Use Asset Tracking - Oracle Asset Tracking Command Center](#)
- [R12.2.10+ TOI: Implement and Use Asset Tracking - Oracle Asset Tracking Command Center](#)
- [R12.2.11+ TOI: Implement and Use Asset Tracking - Oracle Asset Tracking Command Center](#)

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### 4.3. Enterprise Asset Management

- [R12.2 TOI: Implement and Use Enterprise Asset Management - Contingent Worker Support and Usability Enhancements](#)
- [R12.2 TOI: Implement and Use Enterprise Asset Management - Safety Enhancements](#)
- [R12.2.4 TOI: Implement and Use Enterprise Asset Management - Asset Routes, Costing and Other Features](#)
- [R12.2.4 TOI: Implement and Use Enterprise Asset Management - Linear Asset Management with Oracle EBS EAM](#)
- [R12.2.5 TOI: Implement and Use Enterprise Asset Management - Linear Asset Management](#)
- [R12.2.6 TOI: Implement and Use Enterprise Asset Management](#)
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- [R12.2.12 TOI: Implement and Use Enterprise Asset Management](#)
- [R12.2.13 TOI: Implement and Use Enterprise Asset Management](#)
- [R12.2.14 TOI: Implement and Use Enterprise Asset Management](#)

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#### **4.4. Enterprise Asset Management – Oracle Enterprise Asset Management Command Center**

- [R12.2.8 TOI: Implement and Use Enterprise Asset Management - Oracle Enterprise Asset Management Command Center](#)
- [R12.2.8+ TOI: Implement and Use Enterprise Asset Management - Oracle Enterprise Asset Management Command Center](#)
- [R12.2.9+ TOI: Implement and Use Enterprise Asset Management - Oracle Enterprise Asset Management Command Center](#)
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- [R12.2.13 TOI: Implement and Use Enterprise Asset Management - Oracle Enterprise Asset Management Command Center](#)
- [R12.2.13+ TOI: Implement and Use Enterprise Asset Management - Oracle Enterprise Asset Management Command Center](#)

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#### **4.5. Install Base**

- [R12.2.5 TOI: Implement and Use Install Base - Customer Install Base and Other Enhancements](#)
- [R12.2.5 TOI: Implement and Use Install Base - Support for Inventory Serial Tagging Enhancements](#)
- [R12.2.6 TOI: Implement and Use Installed Base](#)
- [R12.2.7 TOI: Implement and Use Install Base](#)
- [R12.2.8 TOI: Implement and Use Install Base](#)
- [R12.2.9 TOI: Implement and Use Install Base](#)
- [R12.2.9 TOI: Implement and Use Install Base - Install Parameters and Item Setups for Tracking](#)
- [R12.2.9 TOI: Implement and Use Install Base - Systems, Mass Updates and Counters](#)
- [R12.2.10 TOI: Implement and Use Install Base](#)
- [R12.2.11 TOI: Implement and Use Install Base](#)
- [R12.2.12 TOI: Implement and Use Install Base](#)
- [R12.2.13 TOI: Implement and Use Install Base](#)

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## 4.6. Mobile Maintenance

- [R12.1 and R12.2 Mobile Release 7.0 TOI: Implement and Use Mobile Maintenance](#)
- [R12.1 and R12.2 Mobile Release 8.0 TOI: Implement and Use Mobile Maintenance](#)
- [R12.1 and R12.2 Mobile Release 9.0 TOI: Implement and Use Mobile Maintenance](#)
- [R12.2 Mobile Release 10.1 TOI: Implement and Use Mobile Maintenance](#)
- [R12.2 Mobile Release 10.2 TOI - Implement and Use Mobile Maintenance](#)

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## 5. Channel Revenue Management TOIs

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### 5.1. Accounts Receivable Deductions Settlement - Oracle Channel Revenue Management Command Center

- [R12.2.8+ TOI: Implement and Use Oracle Channel Revenue Management Command Center](#)
- [R12.2.9+ TOI: Implement and Use Accounts Receivable Deductions Settlement - Oracle Channel Revenue Management Command Center](#)



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## 6. Financials TOIs

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### 6.1. Advanced Collections

- [R12.2.3 TOI: Implement and Use Advanced Collections - OU Strategy Hold/Release](#)
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### 6.2. Assets

- [R12.2 TOI: Implement and Use Assets - UK Local Authority Revaluation and Impairment](#)
- 

### 6.3. Assets – Oracle Assets Command Center

- [R12.2.8 TOI: Implement and Use Assets - Oracle Assets Command Center](#)
  - [R12.2.8+ TOI: Implement and Use Assets - Oracle Assets Command Center](#)
  - [R12.2.14+ TOI: Implement and Use Assets - Oracle Assets Command Center - Retirements Dashboard](#)
- 

### 6.4. Cash Management

- [R12.2 TOI: Implement and Use Cash Management - UK Bank Account Validation](#)
- 

### 6.5. Cash Management – Oracle Cash Management Command Center

- [R12.2.12+ TOI: Implement and Use Cash Management - Oracle Cash Management Command Center](#)
  - [R12.2.14 TOI: Implement and Use Cash Management - Oracle Cash Management Command Center - Manual Reconciliation Dashboard Enhancement](#)
- 

### 6.6. Financials - Oracle Lease Contracts Command Center

- [R12.2.9++ TOI: Implement and Use Financials - Oracle Lease Contracts Command Center](#)
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### 6.7. Financials for Americas

- [R12.2.3 TOI: Implement and Use Financials for Latin America - Brazilian Enhancements to Facilitate Migration to R12](#)
  - [R12.2.5 TOI: Implement and Use Financials for Americas - Brazilian Electronic Invoice - NFe 3.10](#)
  - [R12.2.5 TOI: Implement and Use Financials for Americas - Mexican Electronic Accounting](#)
  - [R12.2.6 TOI: Implement and Use Financials for Americas - Colombian Foreign Taxpayer ID](#)
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### 6.8. Financials for Asia Pacific

- [R12.2 TOI: Implement and Use Financials for Asia Pacific - China Asia Golden Tax V7.20 Update](#)

- [R12.2 TOI: Implement and Use Financials for Asia Pacific - CNAO Version 2 - Banking Standard](#)
- 

## **6.9. Financials for EMEA**

- [R12.2.3 TOI: Implement and Use Financials for EMEA - Enable EMEA Tax Reports for Reverse Charge](#)
  - [R12.2.5 TOI: Implement and Use Financials for EMEA - Italian B2G Electronic Invoicing](#)
  - [R12.2.5 TOI: Implement and Use Financials for EMEA - Spanish B2G Electronic Invoicing](#)
  - [R12.2.6 TOI: Implement and Use Financials for EMEA - Italian VAT Plafond: Letter of Intent Process Change 2015](#)
  - [R12.2.6 TOI: Implement and Use Financials for EMEA - Spanish Modelo 190: Withholding Tax File Changes 2015](#)
- 

## **6.10. Financials for India**

- [R12.2 TOI: Implement and Use Financials for India - Integration with Credit Check with Order Management](#)
  - [R12.2 TOI: Implement and Use Financials for India - Re-architecture of TDS Changes](#)
  - [R12.2 TOI: Implement and Use Financials for India - Support for Import Taxes to Receivables and Payables](#)
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## **6.11. General Ledger**

- [R12.2+ TOI: Implement and Use General Ledger - Integration with Approvals Management and Workflow for Journal Approvals](#)
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## **6.12. General Ledger – Oracle General Ledger Command Center**

- [R12.2.12 TOI: Implement and Use General Ledger - Oracle General Ledger Command Center](#)
  - [R12.2.12+ TOI: Implement and Use General Ledger - Oracle General Ledger Command Center - Account Analysis Dashboard](#)
  - [R12.2.13 TOI: Implement and Use General Ledger - Oracle General Ledger Command Center - GL Balances Dashboard](#)
  - [R12.2.13+ TOI: Implement and Use General Ledger - Oracle General Ledger Command Center](#)
  - [R12.2.14+ TOI: Implement and Use General Ledger - Oracle General Ledger Command Center - Budget Dashboard](#)
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## **6.13. iReceivables**

- [R12.2.3 TOI: Implement and Use iReceivables - Self Registration and Payment Audit History](#)
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## **6.14. iReceivables – Oracle iReceivables Command Center**

- [R12.2.8+ TOI: Implement and Use iReceivables - Oracle iReceivables Command Center](#)

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## 6.15. Lease and Finance Management

- [R12.2.4 TOI: Implement and Use Lease and Finance Management](#)
- [R12.2.5 TOI: Implement and Use Lease and Finance Management - Enhanced Financial Accounting Control](#)
- [R12.2.5 TOI: Implement and Use Lease and Finance Management - Passthrough Enhancements](#)
- [R12.2.5 TOI: Implement and Use Lease and Finance Management - Termination of Usage Contract Lines](#)
- [R12.2.5 TOI: Implement and Use Lease and Finance Management - Termination Quoting and Processing](#)
- [R12.2.5 TOI: Implement and Use Lease and Finance Management - Usability Enhancements](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Add Notes and Attachments to Existing Features](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Bill for Metered Usage Service Lines in Evergreen \(IPR\)](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Disburse Passthrough for Metered Usage Services](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Enhanced Insurance Management](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Quote and Process a Refinance Renewal](#)
- [R12.2.6 TOI: Implement and Use Lease and Finance Management - Securitization and Investor Management](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Asset Management](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Bill for Insurance in Evergreen](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Enhance Invoice Consolidation](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Improve Vendor Cash Flows and Funding Efficiency](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Manage Contract Additional Terms](#)
- [R12.2.7 TOI: Implement and Use Lease and Finance Management - Manage Services and Passthroughs](#)
- [R12.2.8 TOI: Implement and Use Lease and Finance Management - Asset Management Enhancements](#)
- [R12.2.8 TOI: Implement and Use Lease and Finance Management - Insurance Enhancements](#)
- [R12.2.8 TOI: Implement and Use Lease and Finance Management - Manage Billing Groups](#)
- [R12.2.8 TOI: Implement and Use Lease and Finance Management - Manage Passthroughs](#)

- [R12.2.8 TOI: Implement and Use Lease and Finance Management - Meter Reads Enhancements](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - List Search](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - Revolving Loans](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - Syndication Enhancements](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - Tax Integration](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - Termination and Renewal Quotes Enhancement](#)
- [R12.2.9 TOI: Implement and Use Lease and Finance Management - Web Services](#)
- [R12.2.10 TOI: Implement and Use Lease and Finance Management - Asset Related Services](#)
- [R12.2.10 TOI: Implement and Use Lease and Finance Management - Cash Management](#)
- [R12.2.10 TOI: Implement and Use Lease and Finance Management - Contract and Asset Management](#)
- [R12.2.10 TOI: Implement and Use Lease and Finance Management - Transfer & Assumption](#)
- [R12.2.11 TOI: Implement and Use Lease and Finance Management - Contract Modification](#)
- [R12.2.11 TOI: Implement and Use Lease and Finance Management - Lease by Unit of Measure](#)
- [R12.2.12 TOI: Implement and Use Lease and Finance Management - Contract Management Enhancements](#)
- [R12.2.12 TOI: Implement and Use Lease and Finance Management - Improved Cash Throughput for Leasing](#)
- [R12.2.12 TOI: Implement and Use Lease and Finance Management - Syndication Enhancements for Fixed Rate Pools](#)
- [R12.2.12 TOI: Implement and Use Lease and Finance Management - Webservices for Better Integration](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Cash Management Usability Enhancements](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Compliance Enhancements](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Contract Management Enhancements](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Structured Evergreen Payments](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Syndication Enhancements](#)
- [R12.2.14 TOI: Implement and Use Lease and Finance Management - Improve Operational Efficiencies in Contract Management and Billing](#)

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## **6.16. Lease and Finance Management – Oracle Lease and Finance Management Command Center**

- [R12.2.8+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center](#)

- [R12.2.9++ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Command Center - Cash Flow Management and Asset Management Dashboards](#)
- [R12.2.9++ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Command Center - Period Balances Dashboard](#)
- [R12.2.10 TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center](#)
- [R12.2.10+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center - Revision Management Dashboard](#)
- [R12.2.11+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center: Improved Cash Throughput for Leasing](#)
- [R12.2.12+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center - Payment Prediction Dashboard](#)
- [R12.2.13 TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center - Period Balance Dashboard Enhancements](#)
- [R12.2.13+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center](#)
- [R12.2.14+ TOI: Implement and Use Lease and Finance Management - Oracle Lease and Finance Management Command Center - Period Balances Transaction Processing Exceptions](#)

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## 6.17. Payables – Oracle Payables Command Center

- [R12.2.8 TOI: Implement and Use Payables - Oracle Payables Command Center](#)
- [R12.2.8+ TOI: Implement and Use Payables - Oracle Payables Command Center](#)
- [R12.2.9++ TOI: Implement and Use Payables - Oracle Payables Command Center](#)
- [R12.2.13 TOI: Implement and Use Payables - Oracle Payables Command Center - Employee Expenses Dashboard](#)
- [R12.2.13+ TOI: Implement and Use Payables - Oracle Payables Command Center - Period Close Dashboard](#)

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## 6.18. Property Manager

- [R12.2.13 TOI: Implement and Use Property Manager - Enhanced Lease Accounting with SFFAS 54 and Purchase Order References](#)
- [R12.2 TOI: Implement and Use Property Manager - Automate Management of Leases](#)
- [R12.2.8 TOI: Implement and Use Property Manager](#)
- [R12.2.10 TOI: Implement and Use Property Manager](#)
- [R12.2.12 TOI: Implement and Use Property Manager - Property Lease Versioning](#)
- [R12.2.13 TOI: Implement and Use Property Manager - Enhanced Lease Accounting with Equipment Lease Versioning](#)
- [R12.2.14 TOI: Implement and Use Property Manager - Optimize Lease Expiration and Payment Procedures](#)

- [R12.2.14 TOI: Implement and Use Property Manager - Support for Government Lease Accounting \(SFFAS 54\)](#)
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## **6.19. Property Manager - Oracle Lease Contracts Command Center**

- [R12.2.9++ TOI: Implement and Use Financials - Oracle Lease Contracts Command Center](#)
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## **6.20. Receivables**

- [R12.2.4 TOI: Implement and Use Receivables - Consolidate Golden Tax Transactions by Sales Order Number](#)
  - [R12.2.4 TOI: Implement and Use Receivables - Recognize Revenue Based on Fair Market Value with Fusion Revenue Management Integration](#)
  - [R12.2.5 TOI: Implement and Use Receivables - Apply Receipts Automatically Based on Match Score and Knapsack Match](#)
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## **6.21. Receivables – Oracle Receivables Command Center**

- [R12.2.8 TOI: Implement and Use Receivables - Oracle Receivables Command Center](#)
- [R12.2.8+ TOI: Implement and Use Receivables - Oracle Receivables Command Center](#)
- [R12.2.9++ TOI: Implement and Use Receivables - Oracle Receivables Command Center](#)
- [R12.2.13+ TOI: Implement and Use Receivables - Oracle Receivables Command Center - Period Close Dashboard](#)
- [R12.2.14+ TOI: Implement and Use Receivables - Oracle Receivables Command Center - Cash Application Dashboard](#)

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## 7. Human Capital Management TOIs

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### 7.1. Advanced Benefits

- [R12.1 HRMS RUP6 TOI: Implement and Use Advanced Benefits](#)
  - [R12.1 HRMS RUP 10 and R12.2.7 TOI: Implement and Use Advanced Benefits](#)
  - [R12.2.6 TOI: Implement and Use Advanced Benefits - US Affordable Care Act Reporting](#)
  - [R12.2.11 TOI: Implement and Use Advanced Benefits](#)
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### 7.2. Advanced Benefits and Compensation Workbench

- [R12.2.4 TOI: Implement and Use Advanced Benefits and Compensation Workbench](#)
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### 7.3. Advanced Benefits and Payroll

- [R12.2.5 TOI: Implement and Use Advanced Benefits and Payroll](#)
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### 7.4. Advanced Benefits, Core Payroll and HRMS (US)

- [R12.2.14 TOI: Implement and Use Advanced Benefits, Core Payroll and HRMS \(US\)](#)
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### 7.5. Compensation Workbench

- [R12.2 TOI: Implement and Use Compensation Workbench](#)
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### 7.6. HRMS (CA), HRMS (US) and Advanced Benefits

- [R12.2.12 TOI: Implement and Use HRMS \(CA\), HRMS \(US\) and Advanced Benefits](#)
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### 7.7. HRMS (Romania)

- [R12.2 TOI: Implement and Use Human Resources - HRMS EMEA Romania Localizations](#)
- 

### 7.8. HRMS (UK)

- [R12.1 HRMS RUP 10 and R12.2.7 TOI: Implement and Use HRMS \(UK\) - Employee Claims](#)
  - [R12.2.8 TOI: Implement and Use HRMS \(UK\)](#)
- 

### 7.9. HRMS (US)

- [R12.1 HRMS RUP 10 and R12.2.7 TOI: Implement and Use HRMS \(US\) - New Features in US HR, Payroll and OTL](#)
  - [R12.2.5 TOI: Implement and Use HRMS \(US\)](#)
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### 7.10. HRMS (US) – Canada & Mexico HCM Localizations

- [R12.2.4 TOI: Implement and Use HRMS \(US\) - Canada & Mexico HCM Localizations](#)

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## 7.11. HRMS (US) and HRMS (Canada)

- [R12.2.9 TOI: Implement and Use HRMS \(US\) and HRMS \(Canada\)](#)

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## 7.12. HRMS (US), HRMS (CA) and Advanced Benefits

- [R12.2.10 TOI: Implement and Use HRMS \(US\), HRMS \(CA\) and Advanced Benefits](#)

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## 7.13. Human Resources, Time and Labor and Learning Management

- [R12.2.10 TOI: Implement and Use Human Resources, Time and Labor and Learning Management](#)

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## 7.14. Human Resources – Oracle Human Resources Command Center

- [R12.2.9+ TOI: Implement and Use Human Resources - Oracle Human Resources Command Center](#)

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## 7.15. Human Resources (Core HR), Payroll, and Time and Labor

- [R12.2 TOI: Implement and Use Human Resources \(Core HR\), Payroll, and Time and Labor \(OTL\)](#)

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## 7.16. Human Resources (Core HR), Self-Service Human Resources, Time and Labor, and Learning Management

- [R12.2.8 TOI: Implement and Use Core HR, SSHR, OTL and Learning Management](#)

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## 7.17. Human Resources and iRecruitment

- [R12.2 TOI: Implement and Use Human Resources and iRecruitment](#)

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## 7.18. Human Resources and Payroll

- [R12.1 HRMS RUP6 TOI: Implement and Use Human Resources and Payroll - Core Payroll and Human Resources United States and Canada Localizations](#)
- [R12.2 TOI: Implement and Use Human Resources & Payroll - EMEA Localization Enhancements](#)

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## 7.19. Human Resources, Core Pay, HRMS (US & CA), Time and Labor, and Learning Management

- [R12.2.11 TOI: Implement and Use Human Resources, Core Pay, HRMS \(US & CA\), Time and Labor and Learning](#)

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## 7.20. Human Resources, HRMS (US and Canada) and Learning Management

- [R12.2.13 TOI: Implement and Use Human Resources, HRMS \(US and Canada\) and Learning Management](#)



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## **7.21. Human Resources, Self-Service Human Resources, Time and Labor, and Learning Management**

- [R12.2.12 TOI: Implement and Use Human Resources, Self-Service HR, Time and Labor, and Learning Management](#)

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## **7.22. Human Resources, Time and Labor, Advanced Benefits and Learning Management**

- [R12.2.9 TOI: Implement and Use Human Resources, Time and Labor, Advanced Benefits and Learning Management](#)

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## **7.23. iRecruitment and Learning Management**

- [R12.2 TOI: Implement and Use iRecruitment and Learning Management](#)

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## **7.24. Learning Management**

- [R12.2.7 TOI: Implement and Use Learning Management](#)

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## **7.25. Learning Management and Compensation**

- [R12.1 HRMS RUP6 TOI: Implement and Use Learning Management and Compensation](#)

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## **7.26. Learning Management and Self-Service Human Resources**

- [R12.2 TOI: Implement and Use Learning Management and Self-Service Human Resources \(SSHR\)](#)

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## **7.27. Mobile Self-Service Human Resources**

- [R12.1 and R12.2 Mobile Release 5.0 TOI: Implement and Use Mobile Self-Service Human Resources V1.0](#)
- [R12.1 and R12.2 Mobile Release 6.0 TOI: Implement and Use Mobile Self-Service Human Resources V1.1](#)
- [R12.1 and R12.2 Mobile Release 7.0 TOI: Implement and Use Mobile Self-Service Human Resources](#)

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## **7.28. Mobile Self-Service Human Resources and Mobile Timecards**

- [R12.1 and R12.2 Mobile Release 8.0 TOI: Implement and Use Mobile Self-Service Human Resources and Mobile Timecards](#)
- [R12.1 and R12.2 Mobile Release 9.0 TOI: Implement and Use Mobile Self-Service Human Resources and Mobile Timecards](#)

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## **7.29. Mobile Timecards**

- [R12.1 and R12.2 Mobile Release 4.0 TOI: Implement and Use Mobile Timecards V1.3](#)

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### **7.30. Payroll**

- [R12.2.4 TOI: Implement and Use Payroll - Payroll Dashboard](#)

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### **7.31. Payroll – Oracle Payroll Command Center**

- [R12.2.11 TOI: Implement and Use Payroll Command Center](#)

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### **7.32. Payroll, HRMS (US and Canada) and Advanced Benefits**

- [R12.2.8 TOI: Implement and Use Core Payroll, HRMS \(US and Canada\) and Advanced Benefits](#)

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### **7.33. Payroll, HRMS (US), HRMS (Canada) and HRMS (Mexico)**

- [R12.2.6 TOI: Implement and Use Payroll, HRMS \(US\), HRMS \(Canada\) and HRMS \(Mexico\) Localizations](#)

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### **7.34. Self-Service Human Resources**

- [R12.2.5 TOI: Implement and Use Self Service Human Resources - New Features in SSHR and OSP](#)
- [R12.2.14 TOI: Implement and Use Self-Service Human Resources - AME Surrogate Approver](#)

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### **7.35. Self-Service Human Resources and Performance Management**

- [R12.1 HRMS RUP6 TOI: Implement and Use Self-Service HR and Performance Management](#)

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### **7.36. Self-Service Human Resources and Time and Labor**

- [R12.2.4 TOI: Implement and Use Self Service Human Resources & Time and Labor](#)

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### **7.37. Succession Planning**

- [R12.2 TOI: Implement and Use Succession Planning](#)

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## 8. Logistics TOIs

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### 8.1. Inventory Management

- [R12.2 TOI: Implement and Use Inventory Management - Lot Attributes and ERES Enhancements](#)
- [R12.2 TOI: Implement and Use Inventory Management - Optional Lot Allocation, Counting Enhancements, Other Enhancements](#)
- [R12.2 TOI: Implement and Use Inventory Management - Serial Tagging and Return to Vendor](#)
- [R12.2.5 TOI: Implement and Use Inventory Management - Serial Tagging at Pick Confirm and Return to Consigned Inventory](#)
- [R12.2.5 TOI: Implement and Use Inventory Management - Simplified Receiving](#)
- [R12.2.6 TOI: Implement and Use Inventory Management - HTML UI Enhancements for Receiving and Shipping](#)
- [R12.2.6 TOI: Implement and Use Inventory Management - Material Classification Code](#)
- [R12.2.7 TOI: Implement and Use Inventory Management - HTML Material Workbench](#)
- [R12.2.7 TOI: Implement and Use Inventory Management - HTML Receiving](#)
- [R12.2.7 TOI: Implement and Use Inventory Management - Shipping Execution - Transportation Planning Integration](#)
- [R12.2.8 TOI: Implement and Use Inventory Management - Enhanced Shipping Execution Integration with Oracle Transportation Management](#)
- [R12.2.9 TOI: Implement and Use Inventory Management - Automated Move of Back Ordered Material](#)
- [R12.2.9 TOI: Implement and Use Inventory Management - Workflow Driven Cycle Count Approval](#)
- [R12.2.10 TOI: Implement and Use Inventory Management - Material Class Code for On-hand Inventory](#)
- [R12.2.10 TOI: Implement and Use Inventory Management - Reservations Workbench and Shipping Enhancements](#)
- [R12.2.11 TOI: Implement and Use Inventory Management - APIs, NLS, and eSig](#)
- [R12.2.11 TOI: Implement and Use Inventory Management - Returns for Internal Sales Order / Internal Requisitions](#)
- [R12.2.12 TOI: Implement and Use Inventory Management - Intransit for ISO Returns and Cancel Shipments](#)
- [R12.2.12 TOI: Implement and Use Inventory Management - Inventory Management Enhancements](#)
- [R12.2.12 TOI: Implement and Use Inventory Management - Receiving Inspection Enhancements](#)

- [R12.2.12 TOI: Implement and Use Inventory Management - Receiving Workbench Enhancements](#)
- [R12.2.12 TOI: Implement and Use Inventory Management - Resource Requirements for Shipping Dashboard](#)
- [R12.2.12 TOI: Implement and Use Inventory Management - Shipping Enhancements](#)
- [R12.2.13 TOI: Implement and Use Inventory Management - Electronic Kanban](#)
- [R12.2.13 TOI: Implement and Use Inventory Management - Physical Inventory and Serial Tagging for Project Manufacturing \(PJM\)](#)
- [R12.2.13 TOI: Implement and Use Inventory Management - Receiving Inspection and Shipment Cancellation](#)
- [R12.2.13 TOI: Implement and Use Inventory Management - Shipping Enhancements](#)
- [R12.2.14 TOI: Implement and Use Inventory Management - Electronic Kanban Enhancements](#)
- [R12.2.14 TOI: Implement and Use Inventory Management - Operational Efficiency Enhancements](#)
- [R12.2.14 TOI: Implement and Use Inventory Management - Shipping Enhancements](#)

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## 8.2. Inventory Management – Oracle Inventory Management Command Center

- [R12.2.8 TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center](#)
- [R12.2.9+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center](#)
- [R12.2.9++ TOI: Implement and Use Inventory Management - Oracle Inventory Command Center - Item Information Page](#)
- [R12.2.9++ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Receiving & Activity Dashboards](#)
- [R12.2.10 TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center](#)
- [R12.2.10+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center](#)
- [R12.2.11+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center: Inventory Track and Trace](#)
- [R12.2.12+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center: Move Order Dashboard](#)
- [R12.2.12+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center: Supply / Demand Dashboard](#)
- [R12.2.13 TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Electronic Kanban Dashboard](#)

- [R12.2.13 TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Transaction Management Dashboard](#)
  - [R12.2.14+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Kanban Dashboard](#)
  - [R12.2.14+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Movement Statistics and Exceptions Dashboards](#)
  - [R12.2.14+ TOI: Implement and Use Inventory Management - Oracle Inventory Management Command Center - Replenishment Dashboard](#)
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### **8.3. Landed Cost Management**

- [R12.2 TOI: Implement and Use Landed Cost Management - Manage Charges for As-A-Service Flow](#)
  - [R12.2 TOI: Implement and Use Landed Cost Management - Usability and Personalization Enhancements](#)
  - [R12.2.4 TOI: Implement and Use Landed Cost Management - Charge Invoices Matching Enhancements for LCM Enabled Receipts](#)
  - [R12.2.5 TOI: Implement and Use Landed Cost Management](#)
  - [R12.2.6 TOI: Implement and Use Landed Cost Management](#)
  - [R12.2.6 TOI: Implement and Use Landed Cost Management - Support for Project Manufacturing](#)
  - [R12.2.13 TOI: Implement and Use Landed Cost Management - Matches Interface Records and Published APIs](#)
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### **8.4. Landed Cost Management – Oracle Landed Cost Management Command Center**

- [R12.2.9++ TOI: Implement and Use Landed Cost Management - Oracle Landed Cost Management Command Center](#)
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### **8.5. Mobile Supply Chain Applications**

- [R12.1.3 and R12.2 Mobile TOI: Implement and Use Mobile Supply Chain Applications for IOS and Android V1.0](#)
  - [R12.2.9 TOI: Implement and Use Mobile Supply Chain Applications - GS1 Barcode Support](#)
  - [R12.2 Mobile Release 10.1 TOI: Implement and Use Mobile Supply Chain Applications - Inventory and Warehouse Management](#)
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### **8.6. Warehouse Management**

- [R12.2 TOI: Implement and Use Warehouse Management - Advanced Catch Weight](#)
- [R12.2 TOI: Implement and Use Warehouse Management - Return to Vendor, Contigent Worker Support, and Other Enhancements](#)
- [R12.2 TOI: Implement and Use Warehouse Management - Usability and Personalization Enhancements](#)

- [R12.2.4 TOI: Implement and Use Warehouse Management - Multiple Cycle Count Task Types, Drop All Loaded LPNs and Picking Enhancements](#)
- [R12.2.5 TOI: Implement and Use Warehouse Management - Picking, Mobile Task Dashboard and Other Enhancements](#)
- [R12.2.6 TOI: Implement and Use Warehouse Management - Drop Nested LPNs by Location, Zone Based Cycle Counting and Label Printing](#)
- [R12.2.6 TOI: Implement and Use Warehouse Management - Inbound Task Dispatching and Interleaving](#)
- [R12.2.8 TOI: Implement and Use Warehouse Management](#)
- [R12.2.9 TOI: Implement and Use Warehouse Management](#)
- [R12.2.10 TOI: Implement and Use Warehouse Management](#)
- [R12.2.11 TOI: Implement and Use Warehouse Management - RTV, Reservations for WIP, and Time Till Shipment](#)
- [R12.2.11 TOI: Implement and Use Warehouse Management - Rules, Locator Capacity and New Web Services](#)
- [R12.2.11 TOI: Implement and Use Warehouse Management - Shipping - Grants, Roles, OU, and Document Printing](#)
- [R12.2.12 TOI: Implement and Use Warehouse Management - Warehouse Management Enhancements](#)
- [R12.2.13 TOI: Implement and Use Warehouse Management - Labels, Labor, and LPN Management](#)
- [R12.2.13 TOI: Implement and Use Warehouse Management - Yard, Picking APIs, and Dual UOM for WIP](#)
- [R12.2.14 TOI: Implement and Use Warehouse Management](#)

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## 9. Manufacturing TOIs

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### 9.1. Bills of Material – Oracle Bills of Material Command Center

- [R12.2.11+ TOI: Implement and Use Bills of Material - Oracle Bills of Material Command Center](#)
  - [R12.2.12 TOI: Implement and Use Bills of Material - Oracle Bills of Material Command Center](#)
  - [R12.2.12+ TOI: Implement and Use Bills of Material - Bills of Material Command Center](#)
  - [R12.2.14+ TOI: Implement and Use Bills of Material - Oracle Bills of Material Command Center](#)
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### 9.2. Cost Management

- [R12.2.7 TOI: Implement and Use Cost Management](#)
  - [R12.2.9 TOI: Implement and Use Cost Management - Discrete Costing Enhancements](#)
  - [R12.2.9 TOI: Implement and Use Cost Management - Process Costing Enhancements](#)
  - [R12.2.10 TOI: Implement and Use Cost Management](#)
  - [R12.2.11 TOI: Implement and Use Cost Management - Discrete Costing Support for IR/ISO Returns](#)
  - [R12.2.12 TOI: Implement and Use Cost Management - Intercompany and Interorg Enhancements](#)
  - [R12.2.13 TOI: Implement and Use Cost Management - Intercompany and Interorg Enhancements](#)
  - [R12.2.14 TOI: Implement and Use Cost Management - Internal Sales Order Returns](#)
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### 9.3. Cost Management – Oracle Cost Management Command Center

- [R12.2.8+ TOI: Implement and Use Cost Management - Oracle Cost Management Command Center](#)
- [R12.2.10+ TOI: Implement and Use Cost Management - Oracle Cost Management Command Center](#)
- [R12.2.11+ TOI: Implement and Use Cost Management - Oracle Cost Management Command Center](#)
- [R12.2.12+ TOI: Implement and Use Cost Management - Cost Management Command Center](#)
- [R12.2.14+ TOI: Implement and Use Cost Management - Oracle Cost Management Command Center](#)

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## 9.4. Discrete Manufacturing

- [R12.2 TOI: Implement and Use Discrete Manufacturing - E-Kanban \(Part 1\)](#)
- [R12.2 TOI: Implement and Use Discrete Manufacturing - E-Kanban \(Part 2\)](#)
- [R12.2 TOI: Implement and Use Discrete Manufacturing - Serial Tagging in Manufacturing](#)
- [R12.2.9 TOI: Implement and Use Discrete Manufacturing](#)
- [R12.2.10 TOI: Implement and Use Discrete Manufacturing](#)
- [R12.2.11 TOI: Implement and Use Discrete Manufacturing - Item and Bills of Material Enhancements](#)
- [R12.2.11 TOI: Implement and Use Discrete Manufacturing - Quality](#)
- [R12.2.11 TOI: Implement and Use Discrete Manufacturing - WIP, MES and CTO](#)
- [R12.2.12 TOI: Implement and Use Discrete Manufacturing - MES, CTO and eKanban Enhancements](#)
- [R12.2.12 TOI: Implement and Use Discrete Manufacturing - OSP Shipping Support](#)
- [R12.2.12 TOI: Implement and Use Discrete Manufacturing - Support for Dual UOM Items as Assemblies and Components](#)
- [R12.2.13 TOI: Implement and Use Discrete Manufacturing - Project Manufacturing Enhancements](#)
- [R12.2.13 TOI: Implement and Use Discrete Manufacturing - WIP, MES and CTO Enhancements](#)
- [R12.2.14 TOI: Implement and Use Discrete Manufacturing - CTO - Lower-level Supply Scheduling](#)
- [R12.2.14 TOI: Implement and Use Discrete Manufacturing - Work in Process Enhancements](#)

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## 9.5. Discrete Manufacturing – Oracle Discrete Manufacturing Command Center

- [R12.2.8+ TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
- [R12.2.9+ TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
- [R12.2.10+ TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
- [R12.2.11 TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
- [R12.2.11+ TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
- [R12.2.12+ TOI: Implement and Use Discrete Manufacturing - Discrete Manufacturing Command Center](#)



- [R12.2.13+ TOI: Implement and Use Discrete Manufacturing - Oracle Discrete Manufacturing Command Center](#)
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## **9.6. Discrete Manufacturing – Oracle Project Manufacturing Command Center**

- [R12.2.10+ TOI: Implement and Use Discrete Manufacturing - Oracle Project Manufacturing Command Center](#)
  - [R12.2.11 TOI: Implement and Use Discrete Manufacturing - Oracle Project Manufacturing Command Center](#)
  - [R12.2.11+ TOI: Implement and Use Discrete Manufacturing - Oracle Project Manufacturing Command Center: Track & Trace](#)
  - [R12.2.12 TOI: Implement and Use Discrete Manufacturing - Oracle Project Manufacturing Command Center](#)
  - [R12.2.12+ TOI: Implement and Use Discrete Manufacturing - Project Manufacturing Command Center](#)
  - [R12.2.14+ TOI: Implement and Use Discrete Manufacturing - Oracle Project Manufacturing Command Center](#)
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## **9.7. Manufacturing Execution System**

- [R12.2 TOI: Implement and Use Manufacturing Execution System \(MES\) for Discrete Manufacturing](#)
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## **9.8. Manufacturing Operations Center**

- [R12.2 TOI: Implement and Use Manufacturing Operations Center - Part 1](#)
  - [R12.2 TOI: Implement and Use Manufacturing Operations Center - Part 2](#)
  - [R12.2 TOI: Implement and Use Manufacturing Operations Center - Part 3](#)
  - [R12.2.3 TOI: Implement and Use Manufacturing Operations Center](#)
  - [R12.2.4 TOI: Implement and Use Manufacturing Operations Center](#)
  - [R12.2.5 TOI: Implement and Use Manufacturing Operations Center](#)
  - [R12.2.6 TOI: Implement and Use Manufacturing Operations Center - Support for Purging and Archiving](#)
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## **9.9. MES for Discrete Manufacturing**

- [R12.2.7 TOI: Implement and Use MES for Discrete Manufacturing](#)
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## **9.10. MES for Process Manufacturing**

- [R12.2.8 TOI: Implement and Use MES for Process Manufacturing](#)
- [R12.2.10 TOI: Implement and Use MES for Process Manufacturing](#)
- [R12.2.11 TOI: Implement and Use MES for Process Manufacturing](#)

- [R12.2.12 TOI: Implement and Use MES for Process Manufacturing - OPM MES Enhancements](#)
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## **9.11. Outsourced Manufacturing for Discrete Industries**

- [R12.2.6 TOI: Implement and Use Outsourced Manufacturing for Discrete Industries - Enhanced Reconciliation and Planning & Execution Steps](#)
  - [R12.2.8 TOI: Implement and Use Outsourced Manufacturing for Discrete Industries - Support for Process Manufacturing](#)
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## **9.12. Outsourced Manufacturing for Discrete Industries - Oracle Outsourced Manufacturing Command Center**

- [R12.2.8+ TOI: Implement and Use Outsourced Manufacturing for Discrete Industries - Oracle Outsourced Manufacturing Command Center](#)
  - [R12.2.11+ TOI: Implement and Use Outsourced Manufacturing for Discrete Industries - Oracle Outsourced Manufacturing Command Center: Track & Trace](#)
  - [R12.2.12+ TOI: Implement and Use Outsourced Manufacturing for Discrete Industries - Oracle Outsourced Manufacturing Command Center](#)
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## **9.13. Process Manufacturing**

- [R12.2.7 TOI: Implement and Use Process Manufacturing](#)
  - [R12.2.9 TOI: Implement and Use Process Manufacturing](#)
  - [R12.2.10 TOI: Implement and Use Process Manufacturing](#)
  - [R12.2.11 TOI: Implement and Use Process Manufacturing - Process Quality](#)
  - [R12.2.12 TOI: Implement and Use Process Manufacturing - OSP Shipping Support](#)
  - [R12.2.12 TOI: Implement and Use Process Manufacturing - Process Execution and Quality Enhancements](#)
  - [R12.2.13 TOI: Implement and Use Process Manufacturing - Process Quality and MES Enhancements](#)
  - [R12.2.13 TOI: Implement and Use Process Manufacturing - Process Quality Laboratory Enhancements](#)
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## **9.14. Process Manufacturing – Oracle Process Manufacturing Command Center**

- [R12.2.8+ TOI: Implement and Use Process Manufacturing - Oracle Process Manufacturing Command Center](#)
- [R12.2.10 TOI: Implement and Use Process Manufacturing - Oracle Process Manufacturing Command Center](#)
- [R12.2.11 TOI: Implement and Use Process Manufacturing - Oracle Process Manufacturing Command Center](#)
- [R12.2.11+ TOI: Implement and Use Process Manufacturing - Oracle Process Manufacturing Command Center: Genealogy & Trace](#)

- [R12.2.12+ TOI: Implement and Use Process Manufacturing - Process Manufacturing Command Center](#)
  - [R12.2.14+ TOI: Implement and Use Process Manufacturing - Oracle Process Manufacturing Command Center](#)
  - [R12.2.14+ TOI: Implement and Use Process Manufacturing - Oracle Quality Command Center - Instrument Calibration Dashboard](#)
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## 9.15. Process Manufacturing Process Execution

- [R12.2.6 TOI: Implement and Use Process Manufacturing Process Execution - Yield Measurement](#)
  - [R12.2.11 TOI: Implement and Use Process Manufacturing - Process Execution and System Admin](#)
  - [R12.2.14 TOI: Implement and Use Process Manufacturing Process Execution - Process Execution Enhancements](#)
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## 9.16. Quality

- [R12.2.12 TOI: Implement and Use Quality - Quality Enhancements](#)
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## 9.17. Quality – Oracle Quality Command Center

- [R12.2.9++ TOI: Implement and Use Quality - Oracle Quality Command Center](#)
  - [R12.2.10+ TOI: Implement and Use Quality - Oracle Quality Command Center](#)
  - [R12.2.11+ TOI: Implement and Use Quality - Oracle Quality Command Center: Track & Trace](#)
  - [R12.2.12+ TOI: Implement and Use Quality - Quality Command Center](#)
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## 9.18. Supply Chain Globalization

- [R12.2.11 TOI: Implement and Use Supply Chain Globalization - Movement Statistics - Productivity](#)
- [R12.2.12 TOI: Implement and Use Supply Chain Globalization - Movement Statistics Enhancements](#)
- [R12.2.13 TOI: Implement and Use Supply Chain Globalization - Movement Statistics Enhancements](#)
- [R12.2.14 TOI: Implement and Use Supply Chain Globalization - Movement Statistics Enhancements](#)

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## 10. Master Data Management TOIs

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### 10.1. Product Hub

- [R12.2 TOI: Implement and Use Product Hub](#)
  - [R12.2 TOI: Implement and Use Product Hub - Item Catalog Administration and Publication](#)
  - [R12.2.5 TOI: Implement and Use Product Hub](#)
  - [R12.2.9 TOI: Implement and Use Product Hub](#)
  - [R12.2.13 TOI: Implement and Use Product Hub - Product Hub and Bills of Material Enhancements](#)
  - [R12.2.14 TOI: Implement and Use Product Hub - Product Hub and Bills of Material Enhancements](#)
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### 10.2. Site Hub

- [R12.2 TOI: Implement and Use Site Hub](#)
  - [R12.2.5 TOI: Implement and Use Site Hub](#)
  - [R12.2.11 TOI: Implement and Use Site Hub - Usability](#)
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### 10.3. Site Hub and Product Hub

- [R12.2.12 TOI: Implement and Use Master Data Management - Site Hub and Product Hub Enhancements](#)
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### 10.4. Supplier Hub

- [R12.2.4 TOI: Implement and Use Supplier Hub](#)

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# 11. Order Management and Contracts TOIs

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## 11.1. Advanced Pricing

- [R12.2.12 TOI: Implement and Use Advanced Pricing](#)
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## 11.2. Advanced Pricing – Oracle Advanced Pricing Command Center

- [R12.2.10 TOI: Implement and Use Advanced Pricing - Oracle Advanced Pricing Command Center](#)
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## 11.3. Order Management

- [R12.2.6 TOI: Implement and Use Order Management - Recurring Billing](#)
  - [R12.2.7 TOI: Implement and Use Order Management - Milestone Billing](#)
  - [R12.2.8 TOI: Implement and Use Order Management - AME Integration and Item Orderability Enhancements](#)
  - [R12.2.9 TOI: Implement and Use Order Management - Auto Cancellation of Unshipped Lines](#)
  - [R12.2.9 TOI: Implement and Use Order Management - Usage Based Billing](#)
  - [R12.2.10 TOI: Implement and Use Order Management](#)
  - [R12.2.11 TOI: Implement and Use Order Management](#)
  - [R12.2.12 TOI: Implement and Use Order Management](#)
  - [R12.2.13 TOI: Implement and Use Order Management - Part 1](#)
  - [R12.2.13 TOI: Implement and Use Order Management - Part 2](#)
  - [R12.2.14 TOI: Implement and Use Order Management - Order Management Enhancements](#)
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## 11.4. Order Management – Oracle Order Management Command Center

- [R12.2.8 TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)
- [R12.2.8+ TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)
- [R12.2.9++ TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)
- [R12.2.10+ TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)
- [R12.2.11+ TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)
- [R12.2.12 TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)

- [R12.2.12+ TOI: Implement and Use Order Management - Oracle Order Management Command Center - Orders Dashboard](#)
- [R12.2.13 TOI: Implement and Use Order Management - Oracle Order Management Command Center - Orders Dashboard - Manage Backorders](#)
- [R12.2.13+ TOI: Implement and Use Order Management - Oracle Order Management Command Center - Orders Dashboard](#)
- [R12.2.14+ TOI: Implement and Use Order Management - Oracle Order Management Command Center](#)

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## 12. Procurement TOIs

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### 12.1. Contract Lifecycle Management for Public Sector

- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Assignments and Option Enhancements](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Autocreate Grouping and PR Line with no Distributions](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Concurrent Modifications](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Contract Closeout](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Contracts File](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - ELINs and CDRLs](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Enhancements to Procurement Contracts](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - EPLS and Clause Logic Services](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Integration with EDA and ACRN Support](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Interface With External Systems: ORCA and FedBizOpps](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Line Type and Structure Changes](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Military Interdepartmental Purchase Request \(MIPR\)](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Novation and Multi-Modifications](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Payment Instructions and Event Based Deliveries](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Post Award Requests](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Protest Tracking and Small Business Co-ordination Record](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Support for Global Change and GL Date Defaulting](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - System Generated Description](#)

- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Umbrella Programs and Offer Enhancements](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Undefinitized Contract Actions](#)
- [R12.2 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Unsolicited Lines](#)
- [R12.2.5 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Managing Contract Deliverables and Other Enhancements](#)
- [R12.2.6 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Purchase Request Data Standard \(PRDS\) and Other Enhancements](#)
- [R12.2.7 TOI: Implement and Use Contract Lifecycle Management for Public Sector](#)
- [R12.2.8 TOI: Implement and Use Contract Lifecycle Management for Public Sector - iProcurement & Sourcing Improvements for PRDS and Other Enhancements](#)
- [R12.2.8 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Purchasing Improvements for PDS and Other Enhancements](#)
- [R12.2.9 TOI: Implement and Use Contract Lifecycle Management for Public Sector](#)
- [R12.2.10 TOI: Implement and Use Contract Lifecycle Management for Public Sector - Enabled OU in Document Style and Attribute Template and Other Improvements](#)
- [R12.2.11 TOI: Implement and Use CLM and Purchasing Integration with G-Invoicing](#)
- [R12.2.11 TOI: Implement and Use Contract Lifecycle Management for Public Sector](#)
- [R12.2.12 TOI: Implement and Use Contract Lifecycle Management for Public Sector](#)
- [R12.2.12 TOI: Implement and Use Contract Lifecycle Management for Public Sector and Purchasing Integration With G-Invoicing](#)
- [R12.2.13 TOI: Implement and Use Contract Lifecycle Management for Public Sector - API for Modification to De-Obligate Award Funds](#)
- [R12.2.13 TOI: Implement and Use Contract Lifecycle Management for Public Sector - G-Invoicing](#)
- [R12.2.14 TOI: Implement and Use Procurement - Contract Lifecycle Management for Public Sector](#)
- [R12.2.14 TOI: Implement and Use Procurement - G-Invoicing](#)

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## **12.2. Contract Lifecycle Management for Public Sector - Oracle Contract Lifecycle Management for Public Sector Command Center**

- [R12.2.8+ TOI: Implement and Use Contract Lifecycle Management for Public Sector - Oracle Contract Lifecycle Management for Public Sector Command Center](#)
- [R12.2.9++ TOI: Implement and Use Contract Lifecycle Management - Oracle Contract Lifecycle Management for Public Sector Command Center](#)
- [R12.2.14+ TOI: Implement and Use Contract Lifecycle Management for Public Sector Command Center](#)



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### 12.3. iProcurement

- [R12.2 TOI: Implement and Use iProcurement](#)
- [R12.2.4 TOI: Implement and Use iProcurement - One Step Check Out & Other Enhancements](#)
- [R12.2.5 TOI: Implement and Use iProcurement - Re-Use Smart Forms Across OU and Other Enhancements](#)
- [R12.2.6 TOI: Implement and Use iProcurement - Enabling Spot Buy Purchases for Non Catalog and Contractor Requests](#)
- [R12.2.6 TOI: Implement and Use iProcurement - Foreign Currency Requisitions and Other Enhancements](#)
- [R12.2.7 TOI: Implement and Use iProcurement](#)
- [R12.2.9 TOI: Implement and Use iProcurement](#)
- [R12.2.10 TOI: Implement and Use iProcurement - Auto-Suggest Catalog Items and New Employee Shopping Tracker Dashboard](#)
- [R12.2.10 TOI: Implement and Use iProcurement - Improvements to Spot Buy Process, Search Options in Catalog Administration and VMI Enhancements](#)
- [R12.2.14 TOI: Implement and Use Procurement - iProcurement](#)

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### 12.4. iProcurement – Oracle iProcurement Command Center

- [R12.2.8+ TOI: Implement and Use iProcurement - Oracle iProcurement Command Center](#)
- [R12.2.9+ TOI: Implement and Use iProcurement - Oracle iProcurement Command Center](#)
- [R12.2.9++ TOI: Implement and Use iProcurement - iProcurement Consumer-Like Shopping](#)
- [R12.2.11 TOI: Implement and Use Command Centers for Procurement](#)
- [R12.2.12+ TOI: Implement and Use Procurement - iProcurement and Procurement Command Centers](#)
- [R12.2.14+ TOI: Implement and Use iProcurement - iProcurement Consumer-Like Shopping & Procurement Command Center](#)

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### 12.5. iSupplier Portal

- [R12.2.5 TOI: Implement and Use iSupplier Portal - Simplification of the Acknowledgement & Change Request Flow](#)
- [R12.2.6 TOI: Implement and Use iSupplier Portal - Barcode Support and Partial Cancellation of Advanced Shipment Notices](#)
- [R12.2.8 TOI: Implement and Use iSupplier Portal](#)

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### 12.6. Procurement

- [R12.2 TOI: Implement and Use Procurement Applications](#)

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## 12.7. Procurement Contracts

- [R12.2 TOI: Implement and Use Procurement Contracts - Procurement Contracts and Repository Contracts Enhancements](#)
- [R12.2.4 TOI: Implement and Use Procurement Contracts - Enhancements to Procurement & Repository Contracts](#)
- [R12.2.5 TOI: Implement and Use Procurement Contracts - Contract Expert & Updating UDA on Approved Contracts](#)
- [R12.2.6 TOI: Implement and Use Procurement Contracts - Relate Contracts and Contract Hierarchy](#)
- [R12.2.7 TOI: Implement and Use Procurement Contracts](#)

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## 12.8. Project Procurement

- [R12.2.5 TOI: Implement and Use Project Procurement - Manage Procurement of Complex Services](#)
- [R12.2.6 TOI: Implement and Use Project Procurement - Changes to Project Procurement Plans](#)
- [R12.2.7 TOI: Implement and Use Project Procurement](#)

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## 12.9. Projects and Procurement – Oracle Project Procurement Command Center

- [R12.2 V5 TOI: Implement and Use Project Procurement](#)
- [R12.2.9++ TOI: Implement and Use Projects and Procurement - Oracle Project Procurement Command Center](#)

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## 12.10. Purchasing

- [R12.2 TOI: Implement and Use Purchasing - Improved Encumbrance Accounting and PO Cancellations](#)
- [R12.2 TOI: Implement and Use Purchasing - Improved PO Approvals \(including AME\)](#)
- [R12.2.4 TOI: Implement and Use Purchasing - Buyer Work Center](#)
- [R12.2.5 TOI: Implement and Use Purchasing - Enabling GBPA in Supplier Scheduling and Other Enhancements](#)
- [R12.2.6 TOI: Implement and Use Purchasing - Updated Communication Methods, Improved Notification and Other Enhancements](#)
- [R12.2.7 TOI: Implement and Use Purchasing](#)
- [R12.2.9 TOI: Implement and Use Purchasing](#)
- [R12.2.10 TOI: Implement and Use Purchasing](#)
- [R12.2.13 TOI: Implement and Use Purchasing - Purchasing, iProcurement and Sourcing](#)

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## 12.11. Purchasing – Oracle Procurement Command Center

- [R12.2.9+ TOI: Implement and Use Purchasing - Oracle Procurement Command Center](#)
  - [R12.2.9++ TOI: Implement and Use Purchasing - Oracle Procurement Command Center](#)
  - [R12.2.13 TOI: Implement and Use Purchasing - Oracle Procurement Command Center](#)
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## 12.12. Purchasing and iProcurement

- [R12.2.8 TOI: Implement and Use Purchasing and iProcurement](#)
  - [R12.2.12 TOI: Implement and Use Purchasing and iProcurement](#)
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## 12.13. Purchasing, Services Procurement and iSupplier Portal

- [R12.2.14 TOI: Implement and Use Procurement - Purchasing, Services Procurement and iSupplier Portal](#)
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## 12.14. Purchasing, Sourcing, and iSupplier Portal

- [R12.2.11 TOI: Implement and Use Purchasing, Sourcing and iSupplier Portal](#)
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## 12.15. Services Procurement

- [R12.2.4 TOI: Implement and Use Services Procurement - Support for Inventory Destinations in Complex PO & Other Enhancements](#)
  - [R12.2.5 TOI: Implement and Use Services Procurement - Job Standardization and Rate Cards for Hiring Contingent Laborers](#)
  - [R12.2.6 TOI: Implement and Use Services Procurement - Improved Capabilities for Managing Work Confirmations](#)
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## 12.16. Sourcing

- [R12.2 TOI: Implement and Use Sourcing](#)
  - [R12.2.5 TOI: Implement and Use Sourcing - Alternate Lines and Multiple Offers](#)
  - [R12.2.5 TOI: Implement and Use Sourcing - Sourcing Initiatives](#)
  - [R12.2.6 TOI: Implement and Use Sourcing - Initiative Task Dependency and Alternative Terms](#)
  - [R12.2.7 TOI: Implement and Use Sourcing](#)
  - [R12.2.10 TOI: Implement and Use Sourcing](#)
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## 12.17. Sourcing and Supplier Lifecycle Management

- [R12.2.9 TOI: Implement and Use Sourcing/Supplier Lifecycle Management/iSP/Procurement Contracts](#)
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## 12.18. Spend Classification

- [R12.2 TOI: Implement and Use Spend Classification 7.9.6.1: Usability and Other Enhancements](#)

- [R12.2.4 TOI: Implement and Use Spend Classification - 7.9.6.1 - Enhanced User Interface & Other Enhancements](#)
  - [R12.2.5 TOI: Implement and Use Spend Classification - Manage Taxonomy](#)
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## **12.19. Supplier Lifecycle Management**

- [R12.2.4 TOI: Implement and Use Supplier Lifecycle Management - Supplier On-boarding Process](#)
- [R12.2.5 TOI: Implement and Use Supplier Lifecycle Management - Automated Assessment Triggers with Sequential Scoring & Dynamic Invitation Lists](#)
- [R12.2.5 TOI: Implement and Use Supplier Lifecycle Management - Dependent Questions, Dynamic Qualification Template and Other Enhancements](#)
- [R12.2.7 TOI: Implement and Use Supplier Lifecycle Management](#)

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# 13. Projects TOIs

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## 13.1. Grants Accounting

- [R12.2.6 TOI: Implement and Use Grants Accounting - Award Personnel API and Burden Recalculation Options](#)
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## 13.2. Project Billing

- [R12.2.4 TOI: Implement and Use Project Billing - Bill Group](#)
  - [R12.2.4 TOI: Implement and Use Project Billing - Federal Contract Billing](#)
  - [R12.2.4 TOI: Implement and Use Project Billing - Intercompany Billing](#)
  - [R12.2.4 TOI: Implement and Use Project Billing - Projects Federal Contract Billing](#)
  - [R12.2.5 TOI: Implement and Use Project Billing - Billing Enhancements](#)
  - [R12.2.6 TOI: Implement and Use Project Billing - Enhanced Invoice Consolidation and Standard Invoicing Adjustments](#)
  - [R12.2.8 TOI: Implement and Use Project Billing](#)
  - [R12.2.9 TOI: Implement and Use Project Billing - Invoice Enhancements](#)
  - [R12.2.9 TOI: Implement and Use Project Billing - Revenue Enhancements](#)
  - [R12.2.10 TOI: Implement and Use Project Billing](#)
  - [R12.2.11 TOI: Implement and Use Project Billing - Proforma Invoice and 'Mandate Advance' New flag on Agreement Types](#)
  - [R12.2.13 TOI: Implement and Use Project Billing - Federal G-Invoicing \(Part 1\)](#)
  - [R12.2.13 TOI: Implement and Use Project Billing - Federal G-Invoicing \(Part 2\)](#)
  - [R12.2.13 TOI: Implement and Use Projects Billing](#)
  - [R12.2.14 TOI: Implement and Use Project Billing - Capture Comments & Attachments through Agreement Workflow](#)
  - [R12.2.14 TOI: Implement and Use Project Billing - G-Invoicing: Generate Invoices for Multiple Customers Using Participation Ratio for Shared Services](#)
  - [R12.2.14 TOI: Implement and Use Project Billing - Provide Additional Business-Specific Attributes in Agreements](#)
  - [R12.2.14 TOI: Implement and Use Project Billing - Update Bill Rates using Public APIs](#)
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## 13.3. Project Billing – Oracle Projects Command Center

- [R12.2.10+ TOI: Implement and Use Project Billing - Oracle Projects Command Center: Billing Dashboard](#)
- [R12.2.12+ TOI: Implement and Use Project Billing - Oracle Projects Command Center - Billing Dashboard - Improved Tracking Of Collections, Dues & Disputes](#)

- [R12.2.13 TOI: Implement and Use Project Billing - Oracle Projects Command Center - G-Invoicing Dashboard - 7600 EZ Invoice Creation, Execution and Management](#)
  - [R12.2.13 TOI: Implement and Use Projects Billing - Oracle Projects Command Center - Billing Dashboard](#)
  - [R12.2.13+ TOI: Implement and Use Project Billing - Oracle Projects Command Center - Billing Dashboard](#)
  - [R12.2.13+ TOI: Implement and Use Project Billing - Oracle Projects Command Center - G-Invoicing Dashboard](#)
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## 13.4. Project Contracts

- [R12.2.5 TOI: Implement and Use Project Contracts - Validation Framework](#)
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## 13.5. Project Costing

- [R12.2 TOI: Implement and Use Enhanced Project Labor Costing](#)
  - [R12.2.6 TOI: Implement and Use Project Costing - Enhanced Expenditure Accounting](#)
  - [R12.2.6 TOI: Implement and Use Project Costing - Operating Unit Derivation for Oracle Time and Labor Time Card Entry](#)
  - [R12.2.7 TOI: Implement and Use Project Costing](#)
  - [R12.2.8 TOI: Implement and Use Project Costing - Asset Capitalization Dashboard](#)
  - [R12.2.9 TOI: Implement and Use Project Costing](#)
  - [R12.2.10 TOI: Implement and Use Project Costing](#)
  - [R12.2.11 TOI: Implement and Use Project Costing - Budgetary Control on Labor and Non-Labor Expenditures](#)
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## 13.6. Project Costing – Oracle Projects Command Center

- [R12.2.8+ TOI: Implement and Use Project Costing - Oracle Projects Command Center](#)
- [R12.2.10 TOI: Implement and Use Project Costing - Oracle Projects Command Center](#)
- [R12.2.10+ TOI: Implement and Use Project Costing - Oracle Projects Command Center: Transfer Budgets and Year End Budget Publishing](#)
- [R12.2.11+ TOI: Implement and Use Project Costing - Oracle Projects Command Center: Investment Turn Dashboard](#)
- [R12.2.12+ TOI: Implement and Use Project Costing - Optimized Metrics & Charts To Track Cost Against Budget With In Relevant Periods](#)
- [R12.2.13 TOI: Implement and Use Projects Costing - Oracle Projects Command Center - Costing Dashboards](#)
- [R12.2.13+ TOI: Implement and Use Project Costing - Oracle Projects Command Center - Costing Dashboard](#)

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## 13.7. Project Foundation

- [R12.2.5 TOI: Implement and Use Project Foundation - Project Periods and Transaction Controls](#)
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## 13.8. Project Management

- [R12.2 TOI: Implement and Use Project Management - Planning with a Single Resource Class](#)
  - [R12.2.4 TOI: Implement and Use Project Management - Usability: Project Creation & Control](#)
- 

## 13.9. Project Planning and Control

- [R12.2.5 TOI: Implement and Use Project Planning and Control - Budgetary Control for Financial Plans](#)
  - [R12.2.5 TOI: Implement and Use Project Planning and Control - Project Performance Reporting and Architectural Improvements](#)
  - [R12.2.5 TOI: Implement and Use Project Planning and Control - Projects Schedule of Values and Rate Based Quantities - Part 1](#)
  - [R12.2.5 TOI: Implement and Use Project Planning and Control - Projects Schedule of Values and Rate Based Quantities - Part 2](#)
  - [R12.2.6 TOI: Implement and Use Project Planning and Control - Enhanced Revenue Budgeting and Forecasting](#)
  - [R12.2.6 TOI: Implement and Use Project Planning and Control - Establish & Maintain Effort Coefficients Between SOV & ARR](#)
  - [R12.2.6 TOI: Implement and Use Project Planning and Control - Project Reporting Data](#)
  - [R12.2.7 TOI: Implement and Use Project Planning and Control - Part 1](#)
  - [R12.2.7 TOI: Implement and Use Project Planning and Control - Part 2](#)
  - [R12.2.9 TOI: Implement and Use Project Planning and Control](#)
  - [R12.2.10 TOI: Implement and Use Project Planning and Control](#)
  - [R12.2.11 TOI: Implement and Use Project Planning and Control - G-Invoicing Performance Management and Order Modification](#)
  - [R12.2.14 TOI: Implement and Use Project Planning and Control - G-Invoicing: Manage Periodic Recurring Orders & Optional Revenue Hard Limit](#)
  - [R12.2.14 TOI: Implement and Use Project Planning and Control - G-Invoicing: Update & Synchronize Admin Modifications to Intragovernmental Orders & Visibility on Exceptions](#)
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## 13.10. Project Planning and Control – Oracle Projects Command Center

- [R12.2.10 TOI: Implement and Use Project Planning and Control - Oracle Projects Command Center](#)
- [R12.2.10+ TOI: Implement and Use Project Planning and Control - Oracle Projects Command Center: G Invoicing \(Federal\)](#)

- [R12.2.14+ TOI: Implement and Use Project Planning and Control - Oracle Projects Command Center - G-Invoicing](#)



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## 14. Sales, Marketing and eCommerce TOIs

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### 14.1. Incentive Compensation

- [R12.2.5 TOI: Implement and Use Incentive Compensation](#)
  - [R12.2.6 TOI: Implement and Use Incentive Compensation](#)
  - [R12.2.10 TOI: Implement and Use Incentive Compensation](#)
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### 14.2. Incentive Compensation – Oracle Incentive Compensation Command Center

- [R12.2.8+ TOI: Implement and Use Incentive Compensation - Oracle Incentive Compensation Command Center](#)
  - [R12.2.9++ TOI: Implement and Use Incentive Compensation - Oracle Incentive Compensation Command Center](#)
  - [R12.2.12+ TOI: Implement and Use Incentive Compensation Command Center - Compensation Plan Visualizer](#)
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### 14.3. Incentive Compensation Planning and Analytics

- [R12.2.6 TOI: Implement and Use Incentive Compensation Analytics](#)
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### 14.4. iStore

- [R12.2.10 TOI: Implement and Use iStore](#)
- [R12.2.10+ TOI: Implement and Use iStore - Product Search using ECC](#)

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## 15. Service TOIs

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### 15.1. Advanced Scheduler

- [R12.2 TOI: Implement and Use Advanced Scheduler - Navteq ODF Data Format Uptake](#)
  - [R12.2.4 TOI: Implement and Use Advanced Scheduler - Web Services](#)
  - [R12.2.6 TOI: Implement and Use Advanced Scheduler - Schedule Tasks Based on GPS Data](#)
  - [R12.2.7 TOI: Implement and Use Advanced Scheduler](#)
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### 15.2. Complex Maintenance, Repair, and Overhaul

- [R12.2 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul \(CMRO\) - Enigma 3C Integration](#)
  - [R12.2 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul \(CMRO\) - FAA Compliance Reports](#)
  - [R12.2 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul \(CMRO\) - Projects Integration Enhancements](#)
  - [R12.2 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul \(CMRO\) - Supplier Warranty](#)
  - [R12.2.6 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul - cMRO Component Workbench](#)
  - [R12.2.6 TOI: Implement and Use Complex Maintenance, Repair, and Overhaul - cMRO Projects Integration](#)
- 

### 15.3. Depot Repair

- [R12.2 TOI: Implement and Use Depot Repair](#)
  - [R12.2.4 TOI: Implement and Use Depot Repair](#)
  - [R12.2.6 TOI: Implement and Use Depot Repair](#)
  - [R12.2.10 TOI: Implement and Use Depot Repair](#)
- 

### 15.4. Depot Repair – Oracle Depot Repair Command Center

- [R12.2.9+ TOI: Implement and Use Depot Repair - Oracle Depot Repair Command Center](#)
  - [R12.2.9++ TOI: Implement and Use Depot Repair - Oracle Depot Repair Command Center](#)
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### 15.5. Email Center

- [R12.2.5 TOI: Implement and Use Email Center](#)
- [R12.2.13 TOI: Implement and Use Email Center - Support for New Protocols](#)

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## 15.6. Field Service

- [R12.2 TOI: Implement and Use Field Service - Technician Portal Enhancements](#)
- [R12.2.5 TOI: Implement and Use Field Service - Dispatch Center and Scheduler](#)
- [R12.2.5 TOI: Implement and Use Field Service - HTML Dispatch Center Dashboard and HTML Scheduler User Interfaces](#)
- [R12.2.5 TOI: Implement and Use Field Service - OTL Integration](#)
- [R12.2.6 TOI: Implement and Use Field Service - Technician Facing Applications](#)
- [R12.2.10 TOI: Implement and Use Field Service](#)

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## 15.7. Field Service – Oracle Field Service Command Center

- [R12.2.9++ TOI: Implement and Use Field Service - Oracle Field Service Command Center](#)

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## 15.8. iSupport

- [R12.2.5 TOI: Implement and Use iSupport - Usability and Inqura Integration](#)

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## 15.9. Knowledge Management

- [R12.2.4 TOI: Implement and Use Knowledge Management - Oracle Knowledge \(Inqura\) Integration](#)

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## 15.10. Mobile Field Service

- [R12.2.4 TOI: Implement and Use Mobile Field Service - Automatic Synchronization and Expense Debriefing](#)
- [R12.2.5 TOI: Implement and Use Mobile Field Service - Multi-Platform](#)
- [R12.2.6 TOI: Implement and Use Mobile Field Service - Support Multi User Capability](#)

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## 15.11. Service

- [R12.2 TOI: Implement and Use Service - Customer Support HTML Buildout and HTML UWQ](#)

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## 15.12. Service Contracts

- [R12.2 TOI: Implement and Use Service Contracts - Mass Update of Lines/Sub-lines and Other Enhancements](#)
- [R12.2 TOI: Implement and Use Service Contracts - Solution Ordering](#)
- [R12.2.4 TOI: Implement and Use Service Contracts - Contract Merge and Coverage Enhancements](#)
- [R12.2.4 TOI: Implement and Use Service Contracts - Public APIs & Other Customer Driven Enhancements](#)
- [R12.2.5 TOI: Implement and Use Service Contracts - User Interface and Other Enhancements](#)

- [R12.2.6 TOI: Implement and Use Service Contracts - Manage Cancellation Risk and Other Enhancements](#)
- [R12.2.6 TOI: Implement and Use Service Contracts - Support Multiple Renewal Quotes and Other Enhancements](#)
- [R12.2.8 TOI: Implement and Use Service Contracts](#)
- [R12.2.10 TOI: Implement and Use Service Contracts - Extension of Enhanced User Interfaces, Reversing the Termination Process, and Other Enhancements](#)
- [R12.2.11 TOI: Implement and Use Service Contracts - Compare Contracts and Other Enhancements](#)
- [R12.2.13 TOI: Implement and Use Service Contracts](#)
- [R12.2.14 TOI: Implement and Use Service Contracts](#)

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### 15.13. Service Contracts - Oracle Service Contracts Command Center

- [R12.2.8+ TOI: Implement and Use Service Contracts - Oracle Service Contracts Command Center](#)
- [R12.2.10 TOI: Implement and Use Service Contracts - Oracle Service Contracts Command Center](#)
- [R12.2.12+ TOI: Implement and Use Service Contracts Command Center](#)

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### 15.14. Spares Management

- [R12.2 TOI: Implement and Use Spares Management - External Repair Execution Enhancements](#)
- [R12.2 TOI: Implement and Use Spares Management - Third Party Ship To Addresses](#)
- [R12.2.4 TOI: Implement and Use Spares Management - New HTML Planners Dashboard and Spares Management Enhancements](#)
- [R12.2.5 TOI: Implement and Use Spares Management - External Repair Execution](#)
- [R12.2.6 TOI: Implement and Use Spares Management - Calculate Optimal Spares Ship Date During Parts Ordering](#)
- [R12.2.6 TOI: Implement and Use Spares Management - Spares Inventory Organization Security using MOAC](#)
- [R12.2.7 TOI: Implement and Use Spares Management](#)

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### 15.15. TeleService

- [R12.2 TOI: Implement and Use TeleService - Automatic Task Creation on SR Update](#)
- [R12.2 TOI: Implement and Use TeleService - CS HTML Features](#)
- [R12.2 TOI: Implement and Use TeleService - HTML Service Enhancements](#)
- [R12.2 TOI: Implement and Use TeleService - HTML Service for Task Management](#)
- [R12.2 TOI: Implement and Use TeleService - HTML Service for Universal Work Queue \(UWQ\) and Knowledge Management \(KM\)](#)

- [R12.2 TOI: Implement and Use TeleService - Projects Integration](#)
- [R12.2 TOI: Implement and Use TeleService - Service Charges Enhancements](#)
- [R12.2.4 TOI: Implement and Use TeleService - Service HTML Buildout and CTI Integration](#)
- [R12.2.5 TOI: Implement and Use TeleService - New Contact Center HTML](#)
- [R12.2.5 TOI: Implement and Use TeleService - Service Request Security and Charges](#)
- [R12.2.6 TOI: Implement and Use TeleService - Customer Support and Contact Center HTML](#)
- [R12.2.6 TOI: Implement and Use TeleService - Multiple Products Service Request](#)
- [R12.2.6 TOI: Implement and Use TeleService - Task Type to Task Status Transitions](#)
- [R12.2.7 TOI: Implement and Use TeleService](#)
- [R12.2.9 TOI: Implement and Use TeleService](#)
- [R12.2.10 TOI: Implement and Use TeleService](#)
- [R12.2.11 TOI: Implement and Use TeleService - HTML Contact Center and Charges](#)
- [R12.2.11 TOI: Implement and Use TeleService - Usability](#)
- [R12.2.12 TOI: Implement and Use TeleService - Charges and Core Service Enhancements](#)
- [R12.2.12 TOI: Implement and Use TeleService - HTML Service and HTML Contact Center Enhancements](#)
- [R12.2.13 TOI: Implement and Use TeleService](#)
- [R12.2.14 TOI: Implement and Use TeleService](#)

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## **15.16. TeleService – Oracle Service Command Center**

- [R12.2.8+ TOI: Implement and Use TeleService - Oracle Service Command Center](#)
- [R12.2.10+ TOI: Implement and Use TeleService - Oracle Service Command Center](#)
- [R12.2.11+ TOI: Implement and Use TeleService - Oracle Service Command Center: Service History Diagram](#)
- [R12.2.12 TOI: Implement and Use TeleService - Service Command Center Enhancements](#)
- [R12.2.12+ TOI: Implement and Use TeleService - Service Command Center Enhancements](#)

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## 16. Value Chain Planning TOIs

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### 16.1. Advanced Planning Command Center

- [R12.2.5 TOI: Implement and Use Advanced Planning Command Center](#)
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### 16.2. Advanced Supply Chain Planning

- [R12.2 TOI: Implement and Use Advanced Supply Chain Planning](#)
  - [R12.2 TOI: Implement and Use Advanced Supply Chain Planning - Enhanced Navigation from Planner Workbench to New Data Views](#)
  - [R12.2.4 TOI: Implement and Use Advanced Supply Chain Planning - Part 1](#)
  - [R12.2.4 TOI: Implement and Use Advanced Supply Chain Planning - Part 2](#)
  - [R12.2.4 TOI: Implement and Use Advanced Supply Chain Planning - Primavera Integration](#)
  - [R12.2.5 TOI: Implement and Use Advanced Supply Chain Planning](#)
  - [R12.2.5 TOI: Implement and Use Advanced Supply Chain Planning - Uptake of Alta User Interface in Value Chain Planning](#)
  - [R12.2.6 TOI: Implement and Use Advanced Supply Chain Planning - Master Scheduling](#)
  - [R12.2.6 TOI: Implement and Use Advanced Supply Chain Planning - Supply Planning Work Area User Interface](#)
  - [R12.2.6.1 TOI: Implement and Use Oracle Advanced Supply Chain Planning](#)
  - [R12.2.6.2 TOI: Implement and Use Advanced Supply Chain Planning and Service Parts Planning](#)
  - [R12.2.6.3 TOI: Implement and Use Advanced Supply Chain Planning - User Interface](#)
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### 16.3. Demand Management

- [R12.2 TOI: Implement and Use Demantra - Functional Enhancements](#)
  - [R12.2 TOI: Implement and Use Demantra - Implementation Enhancements - Part 1](#)
  - [R12.2 TOI: Implement and Use Demantra - Implementation Enhancements - Part 2](#)
  - [R12.2.4 TOI: Implement and Use Demand Management](#)
  - [R12.2.5 TOI: Implement and Use Demand Management](#)
  - [R12.2.6 TOI: Implement and Use Demantra Demand Management](#)
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### 16.4. Global Order Promising

- [R12.2.5 TOI: Implement and Use Global Order Promising](#)

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## 16.5. Inventory Optimization

- [R12.2.4 TOI: Implement and Use Inventory Optimization - Accounting for Supply Variability in Warehouse Capacity Constraints](#)
  - [R12.2.5 TOI: Implement and Use Inventory Optimization - Receive Intermittency Flag from Oracle Demand Management](#)
  - [R12.2.6 TOI: Implement and Use Inventory Optimization - Inventory Policy Planning](#)
  - [R12.2.6.3 TOI: Implement and Use Inventory Optimization - User Interface](#)
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## 16.6. Predictive Trade Planning

- [R12.2.4 TOI: Implement and Use Predictive Trade Planning](#)
  - [R12.2.4 TOI: Implement and Use Predictive Trade Planning - Aligning Shipments and Consumption](#)
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## 16.7. Production Scheduling

- [R12.2.4 TOI: Implement and Use Production Scheduling](#)
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## 16.8. Service Parts Planning

- [R12.2.4 TOI: Implement and Use Service Parts Planning](#)
  - [R12.2.5 TOI: Implement and Use Service Parts Planning](#)
  - [R12.2.6 TOI: Implement and Use Service Parts Planning - Work Area User Interface \(Part 1\)](#)
  - [R12.2.6 TOI: Implement and Use Service Parts Planning - Work Area User Interface \(Part 2\)](#)
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## 16.9. Strategic Network Optimization

- [R12.2 TOI: Implement and Use Strategic Network Optimization](#)
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## 16.10. Value Chain Planning Integration Base Pack

- [R12.2.5 TOI: Implement and Use Value Chain Planning Integration Base Pack](#)