

# SEAGULL SCIENTIFIC

## BarTender Enterprise Automation 9.4 Validated Integration with Oracle E-Business Suite 12.1



1616 148<sup>th</sup> Ave. SE  
Bellevue, WA 98007  
Tel.: +1.425.641.1408  
Fax: +1.425.641.1599  
seagullscientific.com

### *BarTender Label Software*

#### **Company Overview**

Seagull Scientific is known around the world for BarTender, an industry-leading label design and bar code software. They are also one of the world's leading developers of true Windows printer drivers for bar code and thermal printers.

BarTender is a high-end program for labels, bar codes, and RFID tags. BarTender provides full control over bar codes, text, graphics, numerous symbols, and more. Features available for integration with other software include powerful queries, versatile data access (including Oracle), and ActiveX Automation for remote control. Encoding and printing of RFID "smart labels" is available on RFID-capable printers.

Commander is a free utility provided with BarTender that allows BarTender to automatically print label jobs in response to certain triggering events from other software.

#### **Integration Overview**

BarTender Enterprise Automation 9.4 integrates with Oracle E-Business Suite 12.1. This label printing integration for Oracle Warehouse Management and Oracle Mobile Supply Chain Applications is based on the generation of an XML file (called an XML label request) containing all the information needed to describe a label job. Oracle E-Business Suite generates the desired XML label request and places it in the proper folder or sends it to a TCP/IP socket.

The Commander utility—provided with the BarTender Enterprise Automation Edition—allows BarTender to automatically print label jobs in response to triggering events from Oracle E-Business Suite. One of these events can be the generation of an Oracle E-Business Suite XML label request in a particular file folder. Commander can also receive an XML label request by listening for an incoming TCP/IP socket connection from Oracle E-Business Suite.

#### **Integration Details**

When a file of a given name or type is detected, Commander reads commands and/or data from that file and passes them on to BarTender, which executes the print job. For the special case of converting Oracle E-Business Suite XML print requests into BarTender XML script, Commander includes a built-in XSL style sheet designed for this purpose.

To handle XML label requests, Commander must be configured to either monitor the



### **Oracle E-Business Suite**

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**Availability**  
**Sales and Support**

**United States**

Bellevue, WA  
USA

Tel.: 1.800.758.2001

or

+1.425.641.1408

Fax: +1.425.641.1599

sales@seagullscientific.com

techsupport@seagullscientific.com

**Europe**

Madrid

Spain

Tel.: +34.91.435.25.25

or

+34.91.435.55.45

Fax: +34.91.578.05.06

eurosales@seagullscientific.com

eurotech@seagullscientific.com

**Asia/Pacific**

Taipei

Taiwan R.O.C.

Tel. : +886.2.3765.2440

Fax: +886.2.3765.2467

asiasales@seagullscientific.com

asiatech@seagullscientific.com

**Japan**

Tokyo

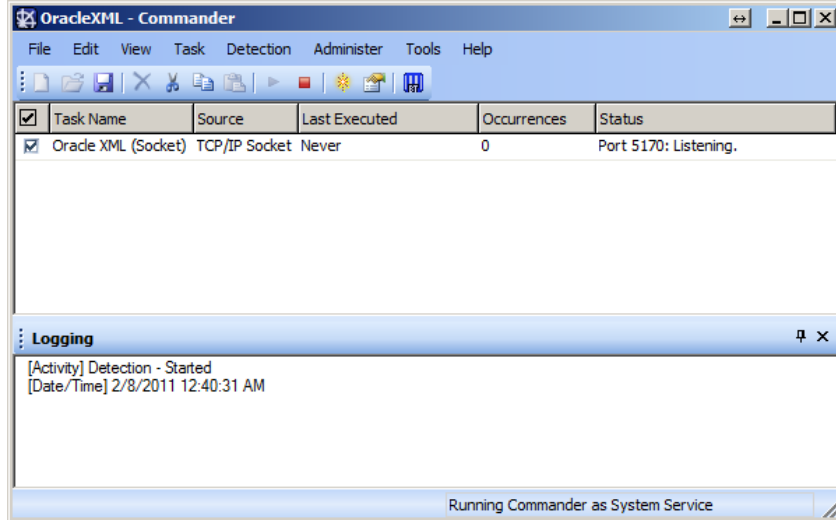
Tel.: +81.3.5847.5780

Fax: +81.3.5847.5781

japansales@seagullscientific.com

japantech@seagullscientific.com

folder in which the XML file will be created or to listen for an incoming TCP/IP socket connection and then respond by executing the desired print job using BarTender.



Commander task-list setup for receiving Oracle E-Business Suite XML requests.

**Environment**

*Seagull Scientific Environment*

BarTender Enterprise Automation 9.4

Commander 9.4

*Oracle Environment*

Oracle E-Business Suite 12.1.3

Oracle Warehouse Management

Oracle Mobile Supply Chain Applications

Oracle Database 11.1.0

Oracle Application Server 11g

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