

> PRODUCT BULLETIN

ORACLE/XML ENABLED THERMAL AND RFID LABEL PRINTING

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1 <?xml version="1.0" encoding="UTF-8" standalone="no"?>
2 <!DOCTYPE labels SYSTEM "label.dtd">
3 <labels FORMAT="Flowcont" QUANTITY="1" PRINTERNAME="P1" JOBNAME="J1">
4 <label>
5   <variable name="organization">WIP/variable>
6   <variable name="job_schedule_name">20000/variable>
7   <variable name="job_schedule_description">FINAL TEST/variable>
8   <variable name="job_start_quantity">2000/variable>
9   <variable name="job_start_date">05/15/2005/variable>
10  <variable name="job_assembly">2-0021/variable>
11  <variable name="assembly_description">Case top/variable>
12  <variable name="item">Thermal transfer printer/variable>
13  <variable name="quantity">01/variable>
14  </label>
15  </labels>
16  </labels>
17  <?xml version="1.0" encoding="UTF-8" standalone="no"?>
18  <!DOCTYPE labels SYSTEM "label.dtd">
19  <labels FORMAT="Flowcont" QUANTITY="1" PRINTERNAME="P1" JOBNAME="J1">
20  <label>
21    <variable name="flow_schedule_number">0125/variable>
22    <variable name="line_out_no_number">P0124/variable>
23    <variable name="item_concatenated_segments">78-2373-10/variable>
24    <variable name="flow_planned_quantity">10/variable>
25    <variable name="flow_order_quantity">10/variable>
26    <variable name="flow_ship_from_organization">W43/variable>
27    <variable name="head_customer_name">ScanSource/variable>
28    <variable name="head_shipping_to_address_line_1">4 Logan Court/variable>
29    <variable name="head_shipping_to_address_line_2">Suite 60/variable>
30    <variable name="head_shipping_to_address_line_3">Receiving/variable>
31    <variable name="head_shipping_to_town_or_city">Greenville/variable>
32    <variable name="head_shipping_to_state">SC/variable>
33    <variable name="head_shipping_to_postal_code">29615/variable>
34    <variable name="ship_from_address">Datamax Corp./variable>
35    <variable name="ship_from_address2">4501 Parkway Commerce Blvd./variable>
36    <variable name="quantity">01/variable>
37  </label>
38  </labels>
39  </labels>
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49    <variable name="job_assembly">2-0021/variable>
50  </label>
51  </labels>
52  </labels>
53  <?XML VERSION="1.0" ENCODING="UTF-8" STA
54  <!DOCTYPE LABELS SYSTEM "LABEL.DTD">
55  <LABELS _FORMAT="LOCATION" _QUANTITY="
56  </LABELS>
57  </LABELS>
58  <?XML VERSION="1.0" ENCODING="UTF-8" STA
59  <VARIABLE NAME="SHIP_FROM_CITY">ORLAN
60  <VARIABLE NAME="SHIP_FROM_STATE">FL/<
61  <VARIABLE NAME="SHIP_FROM_POSTAL_COD
62  </VARIABLE NAME="SHIP_FROM_POSTAL_COD
63  </VARIABLE NAME="SHIP_FROM_POSTAL_COD
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99  </VARIABLE NAME="SHIP_FROM_POSTAL_COD
100 </VARIABLE NAME="SHIP_FROM_POSTAL_COD

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Datamax customers can now print thermal labels, or RFID enabled labels, directly from Oracle's Warehouse Management System (WMS) or Mobile Supply Chain Applications (MSCA) without the need for additional third party communications middleware.

The Datamax A-Class, M-Class, I-Class, and W-Class printer families can now be configured with special firmware that can accept and process incoming label print jobs formatted using the popular business-to-business data exchange standard known as Extensible Markup Language (XML). XML enabled Datamax printers can internally process and directly print labels generated from Oracle's WMS and MSCA under Oracle releases which include TCP/IP printer communications mode (Oracle release 11i10 or later).

Oracle can connect directly to TCP/IP enabled Datamax printers and send the label print job XML instructions to the designated port. The printer then selects the appropriate label from those previously stored in its memory and populates its variables with data from the XML instructions and then prints the label.

XML enabled Datamax printers include the ten standard Oracle default label formats along with instructions on how to modify these labels or add additional label designs to accommodate your XML label requirements. These ten standard Oracle labels are:

Label Type	Description
LPN	License plate information
LPN Content	LPN plus details about contents
LPN Summary	LPN plus nested contents summarized
Material	Item, quantity, lot, revision details
Serial	Material plus serial details
Location	Organization, subinventory, and locator
Shipping	Customer and address
Shipping Content	Shipping plus content information
WIP Content	Discrete manufacturing details
Flow Content	Flow manufacturing plus customer information

To order Oracle/XML enabled Datamax printers contact Datamax at (407) 578-8007, or to learn more about Datamax Oracle/XML label printing go to the Datamax/Oracle web portal at www.datamaxcorp.com/oracle.



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 Phone (407) 578-8007
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customercare@datamaxcorp.com

DATAMAX LABELS AND RIBBONS
 Phone (800) 321-2233
 Fax (800) 436-8920
dmxmedia@datamaxcorp.com

DATAMAX LATIN AMERICA
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 Fax (407) 578-8377
tdegado@datamaxcorp.com

DATAMAX INTERNATIONAL
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 Fax +44 1279 424448
rbyrne@datamaxcorp.com



HOW IT WORKS:

- The Datamax/Oracle/XML printer firmware contains the ability to accept and parse an incoming XML datastream from the Oracle applications.
- The Datamax/Oracle CD-ROM includes the ten standard Oracle label formats in Datamax Programming Language (DPL) and also in Seagull Scientific BarTender (BTW) format.
- The Datamax/Oracle CD-ROM also includes a simple utility that will store the DPL files in the printers' memory. The printer's firmware will match the incoming XML with the corresponding DPL label format and print the label.
- BarTender Enterprise (not included) can be used to modify any of the ten standard label formats and export them as XML variable enabled DPL files using BarTender's Printer Code Template feature. BarTender can also be used to create new label formats. NOTE: design and implementation of new label formats must be a closely coordinated process between the Oracle database administrator and the BarTender label designer to insure that label variables are named correctly to match the Oracle data definitions and the expected XML.

WHICH PRINTERS:

The following Datamax printer families can be configured with the Oracle/XML parsing firmware and the associated label formats:

- A-Class
- M-Class
- I-Class
- W-Class

HOW TO ORDER:

- Order your A, M, I, or W-Class printers as you would through your normal purchasing channel.
- For TCP/IP network connectivity to the Oracle infrastructure order the corresponding Ethernet LAN interface option for the Datamax printer(s).
- Also order the Datamax/Oracle CD-ROM (PN: DP078-2638-01).

WHAT IS INCLUDED:

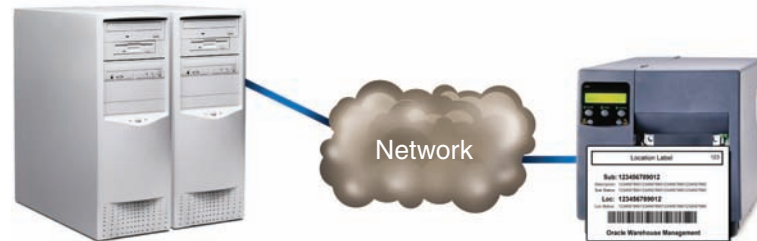
The Datamax/Oracle CD-ROM contains the following items:

- The ten standard Oracle labels in Seagull Scientific BarTender format (BTW). These files can be used to modify any one of the ten Oracle label layouts using Seagull Scientific BarTender Enterprise (not included - must be purchased from a BarTender dealer).
- The ten standard Oracle labels in DPL format ready to be stored in the printer's memory.
- The ten standard Oracle labels in modified DPL format (store command added for reference or to be used if loading into the printer using the Seagull/Datamax Windows printer driver).
- User documentation.
- Printer firmware.
- The Datamax file store utility (DPLFiles).
- XML test data for each of the ten standard Oracle labels.

WHO TO CONTACT:

- Contact your Oracle system administrator for all questions related to your Oracle applications and how to define and test a Datamax printer within the Oracle environment.
- Contact your Datamax Technical Support representative for all questions related to the operation of your Datamax printer and how to load and store label formats in the printer.
- Contact your Seagull Scientific BarTender dealer if you have questions concerning, or would like to purchase BarTender Enterprise.

Oracle Host



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automatic data entry and
identification systems