

# WEEE and Environmental Compliance



## Global Overview

The enforcement of the EU WEEE Directive has accelerated the expansion of end-of-life product take back regulations throughout the world. As a result, Oracle has created an extensive product returns program that complies with regulations in the various geographies worldwide. In order to meet local compliance obligations associated with the placement of electronic products, batteries and packaging on given markets, Oracle has also joined compliance schemes and product stewardship programs in certain countries and jurisdictions.

Oracle believes it maintains a responsibility to consider and plan for every phase in our products' life cycle, from design and packaging to the stage when electronic components and equipment physically reach an end of life. Despite the regional challenges and the differences between global take back regulations, when required by law Oracle continues to register as a producer, it pays required fees, it provides put on the market declarations and it collects and recycles branded product.

Oracle has labeled its branded electronic products with the WEEE Symbol to alert our customers that products bearing this label should not be disposed in a landfill or with municipal or household waste. Instead, please be aware that Oracle is making a return and collection system available to you for discarding these products. Our [Product Take Back and Recycling](#) website is referenced on Oracle shipping documents (commercial invoice and packing list) to allow for easy access to instructions on future product disposal.

**WEEE Symbol**



To learn more about Oracle's compliance initiatives globally, please click the various regions on the map above.

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## Canada

As the concern for the volume of electronic waste grows, a number of Provinces in Canada have passed regulations since 2006 to divert electronics waste from the landfills and to protect the environment. These waste diversion regulations require manufacturers of covered electronic devices to participate in approved electronic product stewardship programs. The programs allow consumers and businesses to drop off eligible electronic devices for recycling, free of charge at numerous depots throughout the Province. These programs are approved by the Provincial Minister of the Environment and will manage Oracle's "Brand Owner" obligations under the regulations.

Although Oracle is a member of these Product Stewardship organizations, these organizations do not currently manage all of our electronic product types within Canada. As such, Oracle also offers a take-back program for all product returns. For the individual products covered by the Provincial Stewardship programs, we calculate and remit the required environmental handling fees for the covered devices, but we do not collect these fees from our customers at this time.

Click [here](#) for more information on the various Provincial programs.

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## United States

Typically the regulations enacted in the U.S. target the collection and recycling of residential electronic products. As Oracle's hardware business focuses on providing network computing products and services to the commercial market such as thin client systems, data center-class servers and storage systems, software, support and professional services for commercial enterprises, our products are often not covered within the scope of the regulations.

Regardless, Oracle wants to be a good steward of the environment so we provide a product take back service for all of our customers. Where required, Oracle has registered with various State take back programs but will continue to take-back equipment, including third-party equipment as part of an Oracle e-waste de-installation, using its established environmental practices.

Click [here](#) for a summary of the various state laws provided by Electronics Take-Back Coalition.

Certain States have additional information available for consumers to recycle computer monitors (this list is not all inclusive):

- California - [www.erecycle.org](http://www.erecycle.org).
- Maine - [Maine Department of Environmental Protection](http://Maine Department of Environmental Protection)

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## Latin America

Various countries, provinces and even cities are passing take back regulations within Central and South America. The framework is very similar to the European Union, typically requiring the manufacturer to label the product with the WEEE Symbol and to take back the product from the customer at end-of life. Some countries also require waste electronic equipment to be managed as a "special waste".

Oracle is currently complying individually in Latin America managing all customer return requests via our Global Returns Program. In addition, Oracle has met its compliance obligations in several countries where Waste Management Plans have been submitted detailing our process around product collection and recycling at end of life.

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## EMEA (Europe, Middle East & Africa) Region

### EU Waste Electrical and Electronic Equipment (WEEE) Directive

In August of 2005, the European Union (EU) implemented the [EU WEEE Directive 2002/96/EC](#) and later the [WEEE Recast Directive 2012/19/EU](#) requiring producers of electronic equipment to manage and finance the collection, reuse, recycling and appropriately treat WEEE that the producer places on the EU market after August 13, 2005. The goal of this directive aims at minimizing the volume of electrical and electronic waste disposal and encourages re-use and recycling at end of life.

As a hardware manufacturer, Oracle has met its national obligations to the EU WEEE Directive by registering in those countries to which Oracle is an importer. Oracle has also elected to join WEEE Compliance Schemes in some countries to help manage customer returns at end of life.

If you have purchased Oracle-branded electrical or electronic products in the EU and are intending to discard these products at the end of their useful life, please do not dispose of them with your other household or municipal waste. Oracle has labeled its branded electronic products with the WEEE Symbol to alert our customers that products bearing this label should not be disposed in a landfill or with municipal or household waste in the EU. Instead, please be aware that Oracle is making a return and collection system available to you, free of transportation and recycling costs, for discarding these products.

For a copy of Oracle's Selective Treatment of Waste Electrical and Electronic Equipment outlined under Article 6(1) and Annex II of the EU WEEE Directive, please click here [WEEE Selective Treatment List](#).

### EU Battery Directive

In September of 2008, the EU also implemented the EU Battery Directive requiring producers of all battery types to properly manage and recycle their batteries at end of life. As a producer of Portable Batteries on the EU Market, Oracle has met its obligations by registering and joining Compliance Schemes in those countries it places batteries on the market and where threshold levels are met. Most batteries sold by Oracle are embedded within its hardware products and are not intended to be removed by the customer. When required, batteries and/or packaging are appropriately marked with the crossed-out wheelie bin symbol and are labeled with the chemical composition and/or capacity marking.

Example Crossed-out Wheelie Bin



### EU Packaging Directive

In December of 1994, the EU implemented the Packaging and Packaging Waste Directive aimed at reducing the production of packaging waste and promoting recycling and re-use. To meet its national obligations as a producer of Packaging, Oracle has joined forces with numerous Packaging Schemes throughout Europe. In addition, Oracle adheres to the essential requirements including supplying packaging that is easily recycled and not using materials that contain lead, mercury, cadmium, chromium, or chlorofluorocarbons.

Oracle is also tracking take back legislation in other countries in the Middle East. We are beginning to see a trend with many nearby countries enacting take back laws similar to the EU Directives including Israel and Serbia.

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## APAC (Asia Pacific)

Like most other jurisdictions, APAC has enacted various take back laws that vary from country to country, however their intent remains the same: to maximize the proper disposal and recycling of electronic waste and to minimize the impact to the environment.

### India E-Waste Rules 2011

The Ministry of Environment and Forests published the India E-Waste Rules 2011 which went into effect on May 1, 2012 for WEEE requirements and May 1, 2014 for RoHS requirements. The E-waste Rules specify requirements around the take back, collection and recycling aspects of E-waste found in Schedule I in addition to the reduction in the use of certain hazardous substances in electrical and electronic equipment.

Oracle doesn't offer to sell branded products directly in India. As such, Oracle is not currently obligated to register as an authorized producer. However, Oracle is a Bulk Consumer in India utilizing its own take back and recycling process to properly dispose of internal assets and meeting the annual Form 2 requirements.

In addition, Oracle is currently meeting the various requirements stipulated by the Rules as described below:

- Oracle has labeled its branded electronic products with the crossed out wheelie bin symbol to alert our customers that products bearing this label should not be disposed in a landfill or with municipal or household waste in India. Instead, please be aware that Oracle is making a return and collection system available to you, free of transportation and recycling costs, for discarding these products.
- For large equipment returns, Oracle has provided Packaging Material and Packing Instruction Guidelines to ensure the safe handling of the equipment and to help prevent accidental damage or breakage during transport.
- Oracle products do not contain lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated di-phenyl ethers above the maximum concentration value of 0.1% by weight in homogeneous material and do not contain cadmium above the maximum concentration value of 0.01% by weight in homogeneous material except for the exemptions set in Schedule 2 of the Rule.
- Oracle uses environmentally sound recycling methods. Once products are disassembled and useful components and materials are removed for reuse and/or resale, and hazardous materials are removed for special processing, remaining materials are processed through a "grind" process which segregates printed circuit boards and assemblies and different metals in separate bins. The bins are forwarded to smelters for further processing into raw metals for reuse. Typically less than 1 percent of any of the material ends up in landfill.
- Oracle's recyclers have obtained the appropriate permits to operate as a recycler in India, including submittal of the various annual forms due.

In the last decade, we have seen an increase in the number of enacted product take back, battery and packaging regulations. Unlike the EU but similar to other regions, not all of Oracle products fall within the regulation scope. As a result of these regulations and as a B2B Producer, Oracle is not always obligated to register or pay fees in all countries but continues to monitor and track regulations that could impact Oracle.

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