

# World Wide Market Approval Introduction

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## What is Market Approval?



- Every finished product has to comply to country specific requirements.
- Most countries focus on finished products (e.g. EU), some support additional categories like modular approval (e.g. US).
- Requirements depend on application areas (industry, building, medical, ...) and used technologies (electronic, radio, chemistry, ...).
- Some countries like EU allow self assessment, but most countries (e.g. US, JP, CN,...) require registered test labs.
- Several countries need regular approval updates (e.g. China CCC) others require update only if directive/standard has been changed (e.g. EU).

# World Wide Market Approval

## Our Focus

Region/ Country	Frequency	Radio Standard	Marking
European Union	868.300 MHz 2.4 GHz	CE/RED	
USA	902.875 MHz 2.4 GHz	FCC	
Canada	902.875 MHz 2.4 GHz	ISED (IC)	
Japan	928.350 MHz 2.4 GHz	ARIB	

- For finished products in the EU, EnOcean will provide the Declaration of Conformity (DoC)
- Test reports are available via [support@enocean.com](mailto:support@enocean.com)
- Specific products have the approval for additional countries e.g. PTM 215B for Australia, please check user manual
- Additional requirements for waste, dangerous materials and specific applications will apply according to country.
- EnOcean recommends the support of local test labs

# EU Market Approval

## EnOcean Product Categories

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Depending on the product category, EnOcean GmbH provides following support for CE/RED approval:

### **Component:**

- Energy harvesters, voltage converters and generic radio modules w/o power supply
- EnOcean provides test reports based on reference implementations
- Customer has to perform specific approval with the finished (final) product



### **Radio Module:**

- Radio modules combined with energy harvesters for specific applications
- EnOcean has prepared EU market approval and customer can use approval according to conditions stated within the user manual (housing, labelling, documentation, local WEEE registration etc.).



### **Finished product (EASYFIT):**

- Finished product including electronic, housing, power supply and antenna
- Market approval is covered by EnOcean. Customer has to take care of additional requirements stated within the product user manual (product documentation, WEEE and other registrations).

