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## CE Mark “Step By Step” Procedure\*\*

### WIRELESS, TRANSMITTER, RADIO AND INTERNET OF THINGS (IoT)

The new European Union Radio Equipment Directive (RED) 2104/53/EU has replaced the withdrawn 1995/5/EC Radio Equipment and Telecommunications Terminal Equipment (RTTE). Equipment placed on the market in the EU can no longer use the RTTE directive in their Declaration of Conformity. The new RED directive incorporates changes that can remove the application of this directive on certain products, (telecom and terminal equipment) and require testing to new revisions of standards published recently in the RED. Only current published standards can be used to show compliance to the RED.

Equipment which utilizes wireless or radio features, even if using a pre-approved wireless module, still must meet the requirements of the RED. Equipment under the RED must also meet EMC and Product Safety standards, regardless of operating frequencies or input voltages.

**Your first step is to call us at 1-847-537-6400.**

**At our laboratory we will help you:**

1. Determine if your product fits the requirements of the RED
2. Determine which standards are applicable for your specific application and intended use.
3. Test and achieve compliance to the appropriate standards under the RED:
  - a) Wireless, Transmitter and Operational Compliant
  - b) EMC
  - c) Product Safety
  - d) RoHS

**After testing, you will receive from D.L.S.:**

Test reports describing your product, the testing that was performed and the results of these tests.

**You will need to:**

**Issue the Declaration of Conformity:** You will then issue your DoC, have it signed by you the manufacturer of the product, and or the company placing the product on the market, and/or your legal representative in Europe. It will need to be kept on file with your legal representative in Europe to be made available to the authorities if required.

**Place CE mark on your product:** The CE mark will need to be affixed visibly, legibly and indelibly on the product indicating all requirements have been met.

**Market your product in Europe:** You are now allowed to sell your product and place it on the market throughout the entire European Union.

Please understand that the EU EMC requirements for your product and the interpretations of the requirements may change. Please check with D.L.S for the latest updates. These potential changes create risk, but we believe that your greatest risk would be to do nothing.

Call **D.L.S. Electronic Systems, Inc.** at **1-847-537-6400** for any questions you have about EU testing, scheduling and cost. We will be most happy to assist you. Visit our Website at [www.dlsemc.com](http://www.dlsemc.com) or Email us at [jblack@dlsemc.com](mailto:jblack@dlsemc.com)

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