



1250 PETERSON DRIVE, WHEELING, IL 60090-6454 • PHONE 847-537-6400 • FAX 847-537-6488 • www.dlsemc.com

CE Mark “Step By Step” Procedure**

ITE and Audio Video have been combined and are now called Multimedia Equipment

Information Technology Equipment (ITE) and Electronic Data Processing (EDP) as well as audio video equipment, have been combined and are now called Multimedia Equipment. This is electronic equipment which is designed for the purpose of performing data processing functions, such as word processing, electronic computation, data transformation, recording, filing, sorting, storage, retrieval and transfer, and reproduction of data as images, as well as audio video equipment normally used in consumer and other applications. Products placed on the market in the EU must meet the EMC Directive, Product Safety under the Low Voltage Directive, reduction of Hazardous substances under the RoHS Directive, and, if applicable with the addition of wireless, the Radio Equipment Directive, and all other CE Marking Directives.

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

At our laboratory we will help you:

Review EMC Directive Requirements for Compliance under the EMC Directive 2014/30/EU

1. Determine if your product fits the EN 55032 standards (replacing EN 55022 which has been withdrawn) and EN 55035 (replacing EN 55024 which has been withdrawn) and, if required, EN61000-3-2, & - 3 criteria.
2. Test and achieve compliance to:
 - a) EN 55032 and possibly EN61000-3-2, & -3 emissions requirements
 - b) EN55035 immunity requirements
 - c) IEC 61000-4-X basic immunity standards.

Review Radio Equipment Directive Requirements under the RED Directive 2014/53/EU

1. Determine if the addition or use of wireless feature or module would need to meet the Radio Equipment Directive
2. Determine which EN/ETSI standards would need to be used to show compliance under the Radio Equipment Directive
3. Test and achieve compliance to Radio Equipment Directive using Harmonized Standards

Review Low Voltage Directive Requirements under the LVD 2014/35/EU

1. Review current equipment to determine if applicable standards EN 60950, soon to be withdrawn, or EN 62368 or other Harmonized Standards will apply.
2. Test and show compliance to the Low Voltage Directive

Review Reduction of Hazardous Substances Requirements under RoHS (EU) 2015/863

1. Determine if equipment falls under the requirements found in the RoHS directive
2. Review materials, components, assemblies, and sub components for amounts of restricted substances
3. Verify compliance and add to the manufacturer's Declaration of Conformity.

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

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

You will then need to:

Issue the Declaration of Conformity

You would then issue your DoC and have it signed by you the manufacturer of the product 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 the CE mark on your product

The mark is 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 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 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 or Email us at jblack@dlsemc.com