One Standard - One Test,
Supplier’s Declaration of
Conformity (11SDoC)
Scorecard objectives and concept
One Standard - One Test, Supplier’s Declaration of Conformity (11SDoC)
Scorecard objectives and concept
This ECMA Technical Report is intended to compare at high level different countries / regions of the world from the point of view of acceptance of international standards.

This ECMA TR intends to:

• create visibility for different regulations implementations;
• encourage countries on the verge of implementing something to follow the “good” examples;
• help countries in their effort to remove barriers to business.

This ECMA TR will be updated regularly. Between updates, the last minute situation will be available on the ECMA web site (www.ecma.ch).

This ECMA Technical Report has been adopted by the ECMA General Assembly of June 2001.
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1 **Scope**

The industry objective of 11SDoC is to achieve the global acceptance of a Declaration of Conformity from suppliers and manufacturers, independent where the test data (1 Test) for a product was generated. This is only possible, if technical and quality requirements find worldwide agreement, for example based on International Standards (1 Standard).

The ideal situation from an industry viewpoint: a product is qualified against international accepted standards, the party testing the product adheres to international agreed quality standards, the supplier affixes his trade mark. There is no need for pre-market certification.

2 **Benefits**

The One Standard-One Test, Supplier's Declaration of Conformity Model provides benefits to governments, industry and consumers and maintains safety and protection.

The One Standard-One Test, Supplier's Declaration of Conformity Model may not be appropriate in all cases. However, the model is particularly appropriate for EMC, telecom and product safety regulations for ITE and telecommunication products.

2.1 **Benefits to governments**

Many governments today rely on a "pre-market surveillance" system that requires products to be tested and certified either within their own borders or by a recognised third party. This system is labour intensive, punishes good companies, and fails to expose bad companies who can "game" the system.

A post-market surveillance system allows governments to make more efficient use of scarce government resources by developing a system that assures protection for health and safety.

Ultimately, governments would avoid the costly and time-consuming process of negotiating and maintaining numerous bilateral testing and certification agreements with a global agreement to accept one standard-one test, supplier's declaration of conformity.

2.2 **Benefits to industry**

Anywhere from two weeks to several months will be cut from the time a product is ready for sale and the time it is approved for sale in a given country - a major savings in time-to-market given the six to twelve month product cycles typical in the IT industry.

Manufacturer's compliance costs will be reduced. Estimates suggest that removing the duplicative IT standards; testing and conformity assessment requirements could provide sizeable welfare gains of up to $47 billion for the world.

2.3 **Benefits to consumers**

Through a well-managed system that relies on Supplier's Declaration of Conformity and post-market surveillance, consumers can be assured that they are purchasing safe, non-interfering products that have been tested and will perform to the international safety and EMC standards.

The products they buy will not have to reflect the cost of multiple testing and certification. More manufacturers, especially the small manufacturers, will be able to import products, providing consumers with more choices and latest technologies.
3 Acronyms and abbreviations

11SDoC One standard, one test, Supplier’s Declaration of Conformity
JATE Japanese Association for Telecommunication Equipment
CISPR International Special Committee on Radio Interference
METI Ministry of Economy, Trade and Industry
DoC Declaration of Conformity
MRA Mutual Recognition Agreement
EMC Electromagnetic Compatibility
NRTL National Recognised Test Lab
EN European Standard
RTA Recognised Testing Authorities
FCC Federal Communications Commission
Std Standard
IC Industry Canada
TCB Telecommunication Certification Body
IEC International Electrotechnical Commission
VCCI Voluntary Control Council for Interference

4 Current scorecard

The matrix of the scorecard shows the actual situation of the acceptance of 11SDoC in the different countries. For all major areas of regulations basic information about the status of acceptance of harmonized standards, testing-, labeling-, DoC or product certification requirements are shown.

To visualise the actual country specific situation a traffic light code is used as follows:

- **Green** OK;
- **Yellow** to be improved;
- **Red** unacceptable.

Scorecard explanation Matrix

<table>
<thead>
<tr>
<th>Item</th>
<th>Questions to each item:</th>
<th>green</th>
<th>yellow</th>
<th>red</th>
</tr>
</thead>
<tbody>
<tr>
<td>Std.</td>
<td>Is country standard identical to international (IEC/CISPR) Standard, e.g. CISPR 22?</td>
<td>Yes</td>
<td>Minor deviations (dev)</td>
<td>No / Amendment needed</td>
</tr>
<tr>
<td>Test</td>
<td>Does country accept a test-report from a laboratory located outside country or from a manufacturer?</td>
<td>Yes</td>
<td>Only if MRA exists</td>
<td>No / Must test in country</td>
</tr>
<tr>
<td>Label</td>
<td>What is the label? Are labels uniform for all areas? Who controls/grants label on product?</td>
<td>One generic label / Manufacturer</td>
<td>One or more labels / may need registration</td>
<td>One or more labels / Need permission</td>
</tr>
<tr>
<td>DoC</td>
<td>Is a DoC in manufacturer file accepted?</td>
<td>Yes</td>
<td>No / Must be with product and/or registered</td>
<td>No / certification required</td>
</tr>
<tr>
<td>Cert.</td>
<td>Is product certification mandatory?</td>
<td>No</td>
<td>Not applicable</td>
<td>Yes</td>
</tr>
</tbody>
</table>
## 11SDoc Score Card

<table>
<thead>
<tr>
<th></th>
<th>Canada</th>
<th>USA</th>
<th>Japan (4)</th>
<th>EU</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EMC</strong></td>
<td>Std.</td>
<td>YES</td>
<td>YES (CISPR 22+)</td>
<td>YES (VCCI)</td>
<td>YES (EN)</td>
</tr>
<tr>
<td>Test</td>
<td>YES</td>
<td>YES-A</td>
<td>NO-B</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Label</td>
<td>IC (2)</td>
<td>FCC</td>
<td>VCCI</td>
<td>CE</td>
<td>C-Tick+Supp.Code</td>
</tr>
<tr>
<td>DoC</td>
<td>w. Product</td>
<td>w. Product</td>
<td>YES</td>
<td>YES</td>
<td>Local File</td>
</tr>
<tr>
<td>Cert.</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

| **Safety** | Std. | YES (1) | YES (1) | YES+Dev | YES+Dev(2) | YES | YES + Dev |
| Test | NO (Accred.) | NO (NRTL) | YES | NO (2) | YES | YES |
| Label | Cert Org. | NRTL | NO | PSE (2) | CE | Permit # (2) |
| DoC | NO | NO | YES | NO (2) | Mfg. File | Local File |
| Cert. | YES (Accred.) | YES (NRTL) | NO | YES (2) | NO | NO | YES(2) |

| **Telecom** | Std. | NO (1) | NO (1) | NO | YES | NO |
| Test | NO (Accred.) | NO (TCB/FCC lab) | YES | YES | NO (Accred./RTA) |
| DoC | NO | NO | NO | w. Product (3) | Local File |
| Cert. | YES (IC) | YES (FCC/TCB) | YES (JATE) | NO | NO |

Notes:  
(1) - Standard harmonized between Canada & USA, but large dev. to IEC  
(2) - External Power Supplies  
(3) - will be changed during revision process (late 2001) to Mfg. File  
(4) - Data for Japan do not include Category B Electrical Appliances and materials  

Unacceptable, change  
To be improved  
ok
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