



Wireless Village Conformance Process

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Village Fest #1 Document

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1. REVISION HISTORY

1.1 Document Update History

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17 April 2002		0.11 Added more descriptions	Ericsson
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1.2 Document State Table

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2. REFERENCES

- [1] Wireless Village – Interoperability Testing Process
- [2] Wireless Village – IOP Committee Charter
- [3] Wireless Village – Compliance Definitions
- [4] Wireless Village – Conformance and Interoperability Tests
- [5] Wireless Village – Server Implementation Conformance Statement
- [6] Wireless Village – Client Implementation Conformance Statement
- [7] Wireless Village – Problem Report Handling Process

3. INTRODUCTION

The purpose of this document is to define the Wireless Village Conformance process. Any Wireless Village vendor who is willing to bring Wireless Village implementations, clients or servers, to the markets is recommended to go through this process as a first step to make the product Wireless Village Compliant.

Compliance is a declaration of proven interoperability for a product. It is the result of fulfilling the steps of the combined Wireless Village Conformance Process and Interoperability Testing Process.

The Wireless Village Conformance Process is a vendor activity resulting in a conformance declaration based on self-testing. It is a prerequisite for the Wireless Village Interoperability Testing Process.

This document describes the actual Wireless Village Conformance Process.

The process consists of three main steps: preparation for testing, test operations and conformance testing completion. Together they form the process that has to be followed in order to have the right to participate in the interoperability events where interoperability is tested.

The IOPCom in the Wireless Village initiative, which handles the conformance process, is also responsible for the Wireless Village Interoperability Testing Process.

In order to get the right to use the Wireless Village logo, a vendor has to accomplish the Interoperability process. Logo Usage Guidelines are specified in a separate document.

All vendors are encouraged to accomplish both the conformance and the Interoperability Process before entering any implementation to the market.

The only reason not to accomplish the interoperability part is that the implementation is using a data object(s) that is not supported by other manufacturers. If support becomes available in some future date from other manufacturers it is strongly recommended that interoperability testing will be accomplished afterwards.

4. GENERAL

4.1 Wireless Village Interoperability Committee, IOPCom

Wireless Village Interoperability Committee (IOPCom) is formed from the representatives of Wireless Village sponsor and supporter companies.

The IOPCom is responsible for the organization and definitions of the Wireless Village Conformance Process and the provision of appropriate specifications and tools. The IOPCom is responsible to make decisions related to problem situations. An example of a problem situation is an inconclusive outcome from testing (where neither a pass nor a fail verdict can be given).

The IOPCom can assign some of the tasks related to Wireless Village conformance process to a 3rd party. E.g. test tool development, distribution of conformance testing documents and administration services. It can assign a subgroup bound with restrictions for dealing with sensitive information.

The IOPCom is also responsible to communicate with Wireless Village Technical Committee in cases such as question of interpretation and problems in the Wireless Village technical specifications.

The responsibilities of the IOPCom are defined in IOP Committee Charter [2].

Please refer to the Wireless Village web pages (www.wireless-village.org) to find up-to-date information about Wireless Village Interoperability Committee.

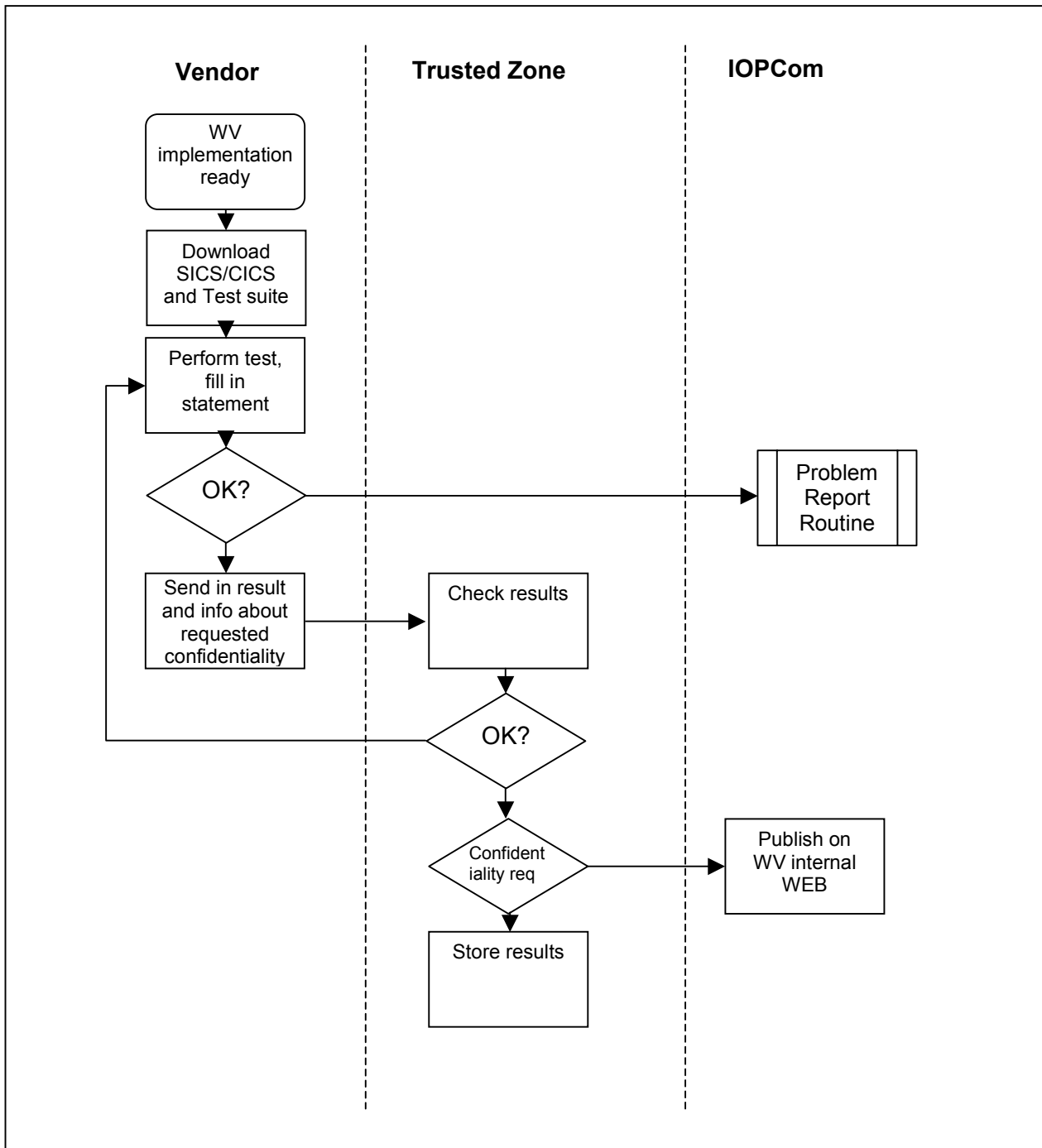
4.2 Wireless Village Overall Testing Process

The total testing needed in order to be Wireless Village Compliant can briefly be described as a two-step procedure. First the Vendor performs a self test on its implementation by following the Conformance and Interoperability tests, ref. [1] and submits the results to the IOPCom, which organizes the interoperability test events where test towards at least 2 other implementations are scheduled.

For a short explanation see ref. [3].

5. WIRELESS VILLAGE CONFORMANCE PROCESS

This chapter defines the Wireless Village Conformance process, which is based on vendor activities and vendor submitted information only.



The figure gives an overview of the Wireless Village Conformance Testing Process. The process consists of a few steps: preparation for testing, test operations and publishing on the Wireless Village web page of stated conformance. The steps are described in the following sub-chapter in more detail.

5.1 Test preparations

This process applies to a Vendor, which has a client or server implementation that applies to the WV specifications and would like to have it tested for compliance.

The first step is to download the "Client Implementation Conformance statement, ref. [6] respectively the "Server Conformance Statement document", ref [5,] from the www.wireless-

village.org web page and fill in the scope of the product.

This means adding information describing the basic product characteristics and to give detailed information about which of the Static Conformance Requirements that are fulfilled for the product.

5.2 Conformance Testing and Statement

The conformance testing is a testing a vendor is encouraged to do internally to make sure that the conformance statement regarding the stated functionality is correct.

The vendor downloads the relevant test specification, ref [4], and if applicable requests the test tools from the WV assigned test tool supplier.

The tests are run and when considered OK by the vendor the Conformance statement is filled in and the results are sent to the IOPCom, which formally approves them.

In order to be able to succeed the conformance process the product must fulfill one or more of the test classes defined.

If problems are found either with the Wireless Village Specification or the test suites these are to be reported according to the Wireless Village Problem Report process. See ref. [7].

The filled in Conformance Statement is used to find possible candidates with products in the same class to make interoperability tests towards.

The Vendor can when submitting the Conformance Statement request that the information submitted is to be kept secret.

The Wireless Village IOPCom encourages that a product is tested bilaterally with at least one other vendor's product before going to an interoperability event. The necessary agreements to make the first tests are up to the different vendors to agree upon.

A product that has a valid Conformance state is now eligible to apply for the next level of testing, interoperability, see ref [1].

5.3 Conformance statement publication

The IOPCom will, if not stated otherwise, make public for the Wireless Village that the product from the vendor has stated basic conformance and put that data on the supporter area of the Wireless Village web page. This will make it easier for Vendors to find test partners in order to make their products compliant.

6. TERMINOLOGY

6.1 Definitions

See reference [2] IOPCom Charter for basic terminology and definitions.

Problem Report: In this context a form describing a problem found with the test suites or the WV specification during interoperability or conformance testing

Test Class: The tests used for testing certain functionality

Trusted Zone: Part of the otherwise open Wireless Village that will not give out information which is stated as confidential but needed for Wireless Village planning or testing purposes.

6.2 Abbreviations

CICS	Client Implementation Conformance Statement, See ref. [6]
IOPCom	Wireless Village Interoperability Committee
SICS	Server Implementation Conformance Statement, see ref. [5]