



ITSO: Limited Test and Self Test Options

1. Introduction

ITSO Testing is managed through the ITSO Test House and the ITSO Interoperability Warehouse. ITSO has accredited Integri BV as an ITSO Test House and to house the Interoperability Warehouse.

ITSO publish the Test Scripts carried out by the ITSO Test House, and these are available to Registered Suppliers together with the Test Tools used.

All software, equipment and sub-assemblies must be certified by ITSO before a Licensed Member can use them in the ITSO Environment. It is required that the Version of all ITSO Certified Equipment and Software will be recorded and controlled by the Registered Supplier.

Following initial successful testing and certification, ITSO is in certain circumstances willing to limit testing or allow self-certification or self-testing.

2. Version Control of ITSO Certified Equipment and Software

Registered Supplier Version control of all ITSO Certified equipment and software should take the form:

Version number; Sub-Version number; Sub-Sub-Version number

A check-sum can be incorporated after the Version number as appropriate.

- 2.1. *Version number* is incremented after every major release. This includes the addition of any major new functionality, a fundamental change that directly affects its ITSO functionality, or a significant change to the hardware.
- 2.2. *Sub-Version number* is incremented after each minor release. This includes any minor changes to hardware or software or bug fixes to components within the scope of ITSO certification.
- 2.3. *Sub-Sub-Version number* should be used for upgrades and changes that are outside the scope of ITSO certification. This number should be used by the Supplier to provide ITSO with an auditable trail of upgrades.

3. Limited Test Option

All initial and subsequent major *Version* releases of certified equipment or software require **Full Testing** and Re-Certification.

Re-Certification of a *Sub-Version* release of certified equipment or software is required, but **Limited Testing** to those tests associated with the component being changed may be allowed. **Limited Testing** will be agreed by the ITSO Registrar on submission of the Testing Application Form.

No Testing or Re-Certification of a *Sub-Sub-Version* is normally required, but ITSO must be kept informed of the current version prior to release.

4. Self Test Option

The ITSO Test Scripts and Integri INQ Test Tools provide all Registered Suppliers with a controlled environment in which to develop new ITSO equipment; ITSO also provide access to the “Pre-Production” ISMS. As such, the environment is equivalent to that available in the ITSO Test House.

Subject to a number of pre-defined criteria, ITSO will allow Registered Suppliers to carryout **Self Testing** at their own premises and at their own expense avoiding the necessity to submit and have completed all testing at and by Integri. The Self Tests can cover all the required Tests or a sub-set.

The following criteria must be met by Registered Suppliers before ITSO will consider authorising **Self-Testing**:

- Self Testing only to apply following successful initial full testing by Integri
- Suppliers must have or operate to a Quality Management System equivalent to ISO9001:2000
- All Test Scripts must be carried out in full and in accordance with ITSO Procedures, using the latest version of the Scripts
- The Registered Supplier must purchase (or lease) the ITSO INQ Test Tools and all Tests must be carried out using the ITSO Test Tool
- All Test Results must be recorded, verified by a Competent Person, and archived securely
- ITSO (and the ITSO Test House as its agent) must have free and unfettered access to audit these Test Results
- At ITSO’s request, and the Registered Supplier’s cost, ITSO can request a repeat of any or all tests with ITSO and/or ITSO Test House in attendance; or in extreme circumstances, the repeat of the tests in an ITSO accredited Test House
- The requirements to lodge the certified equipment (or a sub-assembly) in the ITSO Interoperability Warehouse remains

Where ITSO has no previous experience of the Registered Supplier, or the Registered Supplier has a record of previous equipment failing test, or discrepancies are found during checking, then ITSO will reserve the right to withdraw the availability of the self-test option.

In recognition of the risks to ITSO, the ITSO Test House will be asked to review all test results, and observe (or carryout retests) on approximately one third of the Test Scripts in scope. In the light of experience this level may be reassessed on a case-by-case basis.

Self Testing is administered by the ITSO Test House and managed by the ITSO Registrar. The ITSO Head of Compliance remains responsible for approval of Registered Suppliers to participate in the scheme.

The above relates to the testing against the ITSO Specification using the ITSO Test Scripts. The further requirement to test equipment in the ITSO Interoperability Warehouse remains unchanged. This is of a shorter duration and is only commenced on successful completion of Test Scripts. The cost of Testing in the ITSO Interoperability Warehouse is at the Registered Suppliers expense.

The final award of a Certificate remains the sole prerogative of ITSO through the ITSO Compliance Manager. An ITSO Appeals Procedure exists.