



SPHEREA

SPHEREA TEST & SERVICES

*newWaveX*TM-SD / *newWaveX*TM-PD Integration Support

Introduction

Spherea *newWaveX* product suite is the industry leading toolset for the definition and simulation of signals compliant with IEEE Std 1641 (IEEE Standard for Signal and Test Definition), which is the standard that is now mandated by MOD policy for new Automatic Test Systems or Test Program Sets. These products are designed to be integrated with any third party ATS software suite to provide the required IEEE 1641 support. To help achieve the seamless integration of *newWaveX* with the chosen system executive software, Spherea offer on-site integration support for both *newWaveX*-SD and *newWaveX*-PD.

Benefits

The dedicated support package provides a focussed support solution with an experienced Spherea engineer. The engineer will work closely with the customer to ensure that the interface to *newWaveX* is fully understood by the system integrator and how it operates in conjunction with third party software packages. This not only enables an organisation to use IEEE 1641 with their preferred test development environment, but also expedites the integration of all the software involved and ensures that the new ATS configuration is available for program development at the earliest possible moment in the ATS development.

Support objectives

This provides direct support for any new ATS project to reduce integration time & costs and enables the project to be up and running on, or ahead of, schedule. Customers are assured of full Spherea support for any of the *newWaveX* suite of products and this may be further enhanced by a Spherea maintenance agreement providing continuing telephone & email support, product updates and new release announcements.

Who requires this support

System managers and integrators who are introducing, developing or updating an ATS software suite to use the IEEE 1641 signal definition standard in line with MOD policy. Also, system developers adding IEEE 1641 support to ATML compliant products.



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Support content

This support package does not have a fixed syllabus as the detailed requirements of any installation will depend on the software suite used. The Spherea engineer will provide the support necessary to satisfy the requirements of the particular project and system integrator. This includes elements that are common to all implementations using *newWaveX* products.

Typical agenda

- Introduction
 - ✦ IEEE 1641 and the *newWaveX* product range
- Overview of the *newWaveX* product
 - ✦ Installing *newWaveX*
 - ✦ *newWaveX* security
 - ✦ Managing *newWaveX* utility functions, options and TSF libraries
- How to use data from *newWaveX* products
 - ✦ Signal data
 - ✦ Resource matching
- Embeddable *newWaveX*–SD features
 - ✦ Graphical signal editor
 - ✦ Signal simulator
 - ✦ Tabular signal property editor
- Embeddable *newWaveX*–PD features
 - ✦ Resource allocation
 - ✦ Native driver code generation
- Discussions relating to customer specific implementation

Support organisation

- Support is normally provided at our Ferndown training centre
- Support normally requires one working day
- Additional time may be provided if required
- Support may be provided at customer's premises if necessary
- For available dates and support prices, please contact Spherea.

Related Courses

- IEEE 1641 Signal User/Developer (prerequisite for any *newWaveX*TM specific course)
- *newWaveX*TM–SD User/Developer



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