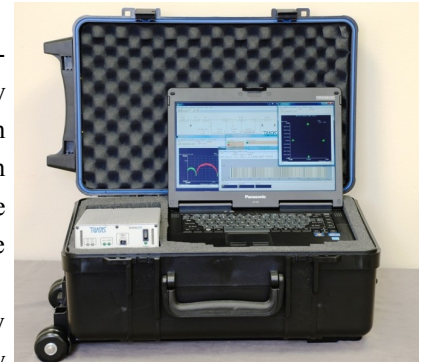


SIGNAL ANALYSIS TRAINING USE THE TRIASYS 7500 DEMODULATOR AND THE SIGNALWORKS ANALYSIS SOFTWARE



TriaSys Technologies' Enhanced Signal Analysis Training Provides Purposeful Instruction in the use of key components provided in the Phoenix System in tandem with the 7500TR Demodulator. Uses the newest version of SignalWorks[®] coupled with the high-performance SigDig digitizer, analyze signals with and configure the TriaSys 7500 Real Time Demodulator.



Lab Training requires one full week. Due to equipment requirements this course can only be held at our Maryland Facility effectively. If on-site training is required the course may be tailored based on equipment availability.

This class contains classroom work and homework (see syllabus), but the majority of the work is performed in a working lab. Using a modem-generated link, students will capture signals, break down and analyze signals, Document signal of interest, configure special format editor, test configuration file (in SignalWorks) and Configure 7500 for operation on signal of interest.

This exercise will be performed on multiple of signals generated by standard modems. A captured signal may be used to provide the student with confidence. The modems will be used together with added noise and other simulated signals. This will provide the students with signals similar to what would be found on a communications link.

Documentation and assignment, will use MS Office, Word and Excel.

Syllabus:

- Review SignalWorks and 7500 operation

- Framing structures

- Special Format (used in 7500 and SignalWorks Operation)

- Application configuration and

- Manual programming of

- Requires understanding of functionality of file format and operability

- Scrambling

- Self-Synchronous scramblers

- Standard Linear Recursive Sequences Type

- Standard Interrupted Linear Recursive Sequences Type (i.e. V.35)

- Synchronous scramblers

- Standard Linear Recursive Sequences Type

- Block Code FEC

- Interleaving

- Convolutional FEC

Homework assignments include Reading material and Problems that require using excel.

LAB TRAINING USE THE TRIASYS 7500 DEMODULATOR AND PHOENIX (SIGNALWORKS ANALYSIS SOFTWARE)



Typical class sizes up to 8 students

Each student receives:

- A SignalWorks license good for two months after the completion of the course to continue to utilize what they learned during the class. This license requires a MAC address of the computer where the software will be installed.
- A flash drive containing SignalWorks to be used with the two month license, training documentation and sample signals to practice on.
- A certificate of completion.

Classes are offered at our Maryland facility

This course does not provide for Transportation, Lodging, Entertainment or Meals for students

Additional charges may apply for travel if training is not held at our Maryland facility.

Requirements:

Trainee should possess a communications background and have attended the Basic Phoenix Training, Knowledge of the 7500 would be a benefit.

Recommendations

While we are comfortable to accommodate 8 students, a smaller class size is typically better for the students.

Please note: This course may be tailored to students' needs at the time of the course, at the trainers discretion .

To Inquire or Order

For further information, contact a representative, please call 978.244.1060, or visit our website at www.triasys.us.

Training

- Additional user training is available
- *Some features may not be available, Subject to ITAR Regulations*

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