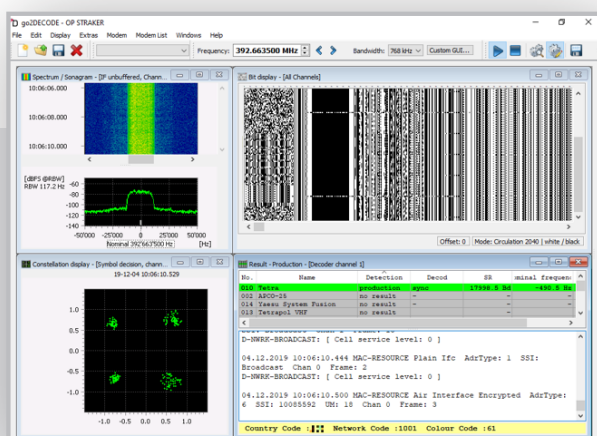


GO2DECODE STANDARD OPERATOR TRAINING

AUTOMATIC AND MANUAL RECOGNITION, ANALYSIS AND DECODING OF COMMUNICATIONS SIGNALS

The go2DECODE Standard Operator Training course familiarizes the Students with all go2DECODE components and functions, and their practical use. The course focuses development of the Students' knowledge of signals analysis techniques and procedures using go2DECODE. Configuration and parameter settings of demodulators and decoders for automatic detection of new modems are explored in-detail. During training delivery, the Students' skillsets are developed using practical 'real world' exercises employing live signal recordings sourced by PROCITEC and, optionally, the Students' User-Units. Upon completion of training, Students will understand the functionalities and capabilities of go2DECODE, and will have acquired skills in the analysis of modulated signals and creating effective modems for manual or automatic signal recognition, decoding and reporting.

This course is also available as an online training.
For more details please contact sales@procitec.de.



ORDER-NUMBER
TRN-GO2DEC

COURSE DURATION:

4 days / 32 training hours for a maximum of 8 Students

DOCUMENTATION:

Electronic training documentation (English)

TRAINING SYSTEMS:

Necessary hardware is provided by PROCITEC

COURSE LOCATION:

PROCITEC HQ, Pforzheim, Germany

TRAINING LANGUAGE:

German; English - At least CEFR level B1 necessary, level B2 or higher strongly recommended

COURSE CONTENT

- General System Introduction
- Fundamentals of digital signal modulation
- Signal inputs, interfacing and adjustments (DANA)
- Signal Simulation Tool (SOMO)
- Rapid Pre-Classification of Modulation Types
- Analysing FSK, MFSK and PSK Signals
- Setting Up Demodulators and analysis of Demodulation Results
- Setting Up Modems and Modem Lists
- Automatic Production and Signal Recording
- Brief introduction to Decoder Description Language (pyDDL) and decoder adaptation

TARGET AUDIENCE

- Signals Analysts
- Technical staff involved in writing, modifying and editing signal-decoders.

Entry Criteria: Good understanding of the RF Spectrum and signaling techniques