

[TRAINING SHEET]

Training: IN-FACTORY

Right to you ... whenever and wherever you need it. The best way to bring your QVoice Know-How home.



QVOICE PRESENTATION ENHANCEMENT TRAINING – 3 DAYS

SUITABLE FOR

Those requiring deep knowledge of QVP, in order to personalize and optimize its use for customer specific requirements.

CONTENT

The course 'QVP Enhancement Training' covers the skills necessary to use the full power of the QVoice post processing tools within QVP. Users with little to extensive knowledge of the tools will learn how to improve the use of the standard possibilities as well as how to expand the functionalities of the post processing to their special demands. The training runs for three continuous days. It is held at Ascom Mobile Test Solutions training centre in Solothurn, Switzerland.

COURSE OBJECTIVES

After completion of this training, the participant should be able to:

- Expand the functionalities of the post processing to their special demands
- Have a deeper understanding of the structure and concept of the QVP database design
- Post-process acquired data to dedicated reports using a suitable mix of 'QVP Report' in Crystal Report and 'QVP Report for Excel'

SUITABLE FOR

Those requiring deep knowledge of QVP, in order to personalize and optimize its use for customer specific requirements.

KNOWLEDGE REQUIREMENTS

Participants should have already attended a System Training, either for QVoice Symphony or QVoice Companion. They should also have Radio Access Network Technology basic knowledge, and be familiar with the SQL environment (basic knowledge regarding queries and SQL-DB architecture). Furthermore, Crystal Report basic knowledge is required. Work and handling with QVoice Systems for at least 1 year.

ASCOM TRAINING CENTRE

The Ascom Training centre provides the participant with:

- A highly constructive environment, away from trainees daily activities
- Ready to use installations for up to 6 trainees
- Latest 'state of the art' infrastructure
- Discussions with specialists from the Ascom's R&D department
- If there is only one customer, training agenda can be tailored to the customer's needs

OVERALL INDICATION

The contents of the training may be altered according to the changes in need or technology. The customer is welcome to ask for any special topics. Ascom is free to do changes without notice.

CONTENT

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QVP DATABASE STRUCTURE ¹⁾

- Generate databases
- Work with tables
- Work with data
- Create a Stored Procedure
- Use SQL Enterprise Manager and Query Analyser
- Understand the QVP database structure
- Understand the relation between tables
- Program simple SQL statements
- Identify the steps that performs QVP Administrator during measurement data import
- Identify the tables and know where QVP data is stored

QVP MAP AND MAPINFO PRO

- Get familiar with the terms Projection, Units
- Know the properties of raster (or pixel) and vector maps
- Implement a new map
- Define and change the map's projection
- Create Seamless Tables
- Define Workspaces
- Define default maps for QVP Administrator and QVP Map
- Enable or disable QVP Map thematic as default
- Change predefined and create new thematic
- Change predefined ranges (PESQ for example)
- Integrate your own thematics using the Command Tree Builder

QVP NETWORK ANALYSER

- Understand the predefined problem descriptions
- Link QVP Network Analyser together with QVP Expert outputs
- Design your own problem descriptions

QVP REPORT

- Know the predefined QVP report types
- Identify the Crystal Report design files and the related QVP stored procedures
- Understand the naming convention for QVP reports
- Design a custom report
- Create a stored procedure
- Design a Crystal Report example using a stored procedure
- Register a custom report in QVP Report, using the Command Tree Builder

QVP REPORT FOR EXCEL

- Create an SQL Script with xls outputs
- Know the predefined QVP 4 Excel Report
- Use and work with Pivot Tables
- Link your own Excel Report to QVP
- Register a custom report in QVP Report 4 Excel, using the Command Tree Builder

¹⁾ The participant will be introduced into the structure and the concept of the QVP database design. He will get familiar with the SQL language basics and the database by using different statements, beginning with a very simple structure and increasing complexity with each exercise.

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