

# CRYSTAL REPORTS XI -- Advanced

Duration 2 Days

## Description

This 2-day course provides delegates with additional skills to plan and design more complex reports that will be relevant to their business environments.

## Who Should Attend

Delegates will have already attended an introductory Crystal Reports course or have enough experience of working with the software that they are confident they have covered the competencies for the introductory course.

On completion of the course, delegates will be at a stage where they can design complex reports and deliver these in a variety of formats.

## Course Content

### Using the Repository

- Using the repository
- Creating a report from a repository data source

### Creating Formulas

- Using functions and operators
- Defining control structures available in Crystal syntax

### Managing Reports

- Using the workbench
- Publishing reports to Business Objects Enterprise

### Using Variables and Arrays

- Using variables
- Using Arrays

### Building Parameterized Reports

- Defining and creating parameters
- Building Reports with multiple parameters
- Using edit masks and descriptions
- Grouping using parameters

### Using Report Templates

- Applying report templates
- Building a template without a data source
- Removing a template

### Summarizing Data with Cross-Tabs

- Building a basic cross-tab
- Formatting a cross-tab

### Using Report Sections

- Using sections
- Using group related functions to format sections
- Using section underlay
- Using multiple column reporting

### Building Specialised Reports

- Using the running total expert
- Creating a form letter
- Adding a hyperlink to a report
- Using dynamic graphic locations
- Building a report with alerts
- Building a top N report

### Describing Report Processing

- Describing multipass reporting
- Using evaluation time functions
- Using a dynamic array

### Creating Complex Formulas

- Creating complex formulas
- Using loop control structures
- Using arrays functions and loops
- Using nested functions

### Using Custom Functions

- Creating custom functions
- Using custom functions
- Using nested functions

### Using Dynamic Graphic Locations

- Linking pictures dynamically

### Reports and Alerts

- Creating alerts
- Displaying alerts

### Mapping Information

- Creating maps to display information

### Using Subreports

- Defining subreports
- Creating and unlinked subreport
- Creating a linked subreport
- Creating an on-demand subreport
- Using shared variables in a subreport
- Using subreports to link "unlinkable" data