

# Intermediate Applications of Crystal Reports XI

What You Will Learn.....	1
Creating a Basic Report .....	2
Creating Formula Fields .....	6
Creating and Inserting Simple Formula Fields .....	6
Building String Formulas.....	9
Building Date and Time Formulas.....	12
Learning More about Built-In Functions .....	17
Sorting, Grouping, Selecting, and Summarizing on Formula Fields.....	17
Exercise 1: Working with Formula Fields.....	21
Using Formulas to Customize Group Names .....	23
Writing Record and Group Selection Formulas.....	25
Understanding Record Selection Formulas .....	25
Using the Formula Editor to Create or Edit Record Selection Formulas .....	26
Writing Numeric Selection Formulas .....	27
Writing Formulas to Compare Strings.....	28
Writing Formulas to Compare DateTime Values .....	31
Using Boolean Operators.....	32
Using Formulas in Group Selection.....	33
Exercise 2: Creating Record and Group Selection Formulas .....	35
Connecting to Multiple Data Sources .....	36
Using the if...then...else Control Structure to Write Conditional Formulas .....	39
Using Boolean Operators to Create Complex Conditions .....	40
Using the else if Structure to Evaluate Multiple Conditions .....	43
Exercise 3: Writing Conditional Formulas .....	44
Using Running Total Fields.....	45
Creating a Running Total Field.....	45
Creating Running Totals for Groups.....	48
Using Running Totals in Formulas .....	49
Using a Formula to Evaluate Running Totals.....	50
Exercise 4: Adding Running Totals.....	52
Appendix A: Using the Workbench.....	53
Appendix B: Working with the Formula Editor .....	55
Appendix C: Solutions to Exercises .....	59