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Private Sub BopenReport_Click()
    Dim strFilter As String
    Dim strRegulation As String
    Dim dtStartDate As Variant
    Dim dtEndDate As Variant
    ' Initialize filter string
    strFilter = ""
    ' Retrieve values from form controls
    strRegulation = Nz(Me.cmbRegulation, "")
    dtStartDate = Nz(Me.txtStartDate, Null)
    dtEndDate = Nz(Me.txtEndDate, Null)
    ' Validate the date inputs
    If Not IsDate(dtStartDate) And Not IsNull(dtStartDate) Then
        MsgBox "Please enter a valid Start Date.", vbExclamation, "Invalid Date"
        Exit Sub
    End If
    If Not IsDate(dtEndDate) And Not IsNull(dtEndDate) Then
        MsgBox "Please enter a valid End Date.", vbExclamation, "Invalid Date"
        Exit Sub
    End If
    ' Build the filter string based on provided inputs
    If strRegulation <> "" Then
        strFilter = "[Regulation] = '" & strRegulation & "'"
    End If
    If Not IsNull(dtStartDate) And Not IsNull(dtEndDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] BETWEEN #" & Format(dtStartDate, "yyyy-mm-dd") & "# AND #" & Format(dtEndDate, "yyyy-mm-dd") & "#"
    ElseIf Not IsNull(dtStartDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] >= #" & Format(dtStartDate, "yyyy-mm-dd") & "#"
    ElseIf Not IsNull(dtEndDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] <= #" & Format(dtEndDate, "yyyy-mm-dd") & "#"
    End If
    ' Open the report with or without a filter
    If strFilter = "" Then
        ' No filter applied
        DoCmd.OpenReport "Compliance Report", acViewPreview
    Else
        ' Filter applied
        DoCmd.OpenReport "Compliance Report", acViewPreview, , strFilter
    End If
End Sub

```

```

Private Sub btnExportToPDF_Click()

    Dim strFilter As String
    Dim strRegulation As String
    Dim dtStartDate As Variant
    Dim dtEndDate As Variant
    Dim strFilePath As String
    ' Retrieve values from the form
    strRegulation = Nz(Me.cmbRegulation, "")
    dtStartDate = Nz(Me.txtStartDate, Null)
    dtEndDate = Nz(Me.txtEndDate, Null)
    ' Validate the date inputs
    If Not IsDate(dtStartDate) And Not IsNull(dtStartDate) Then
        MsgBox "Please enter a valid Start Date.", vbExclamation, "Invalid Date"
        Exit Sub
    End If
    If Not IsDate(dtEndDate) And Not IsNull(dtEndDate) Then
        MsgBox "Please enter a valid End Date.", vbExclamation, "Invalid Date"
        Exit Sub
    End If
    ' Build the filter string based on inputs
    strFilter = ""
    If strRegulation <> "" Then
        strFilter = "[Regulation] = '" & strRegulation & "'"
    End If
    If Not IsNull(dtStartDate) And Not IsNull(dtEndDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] BETWEEN #" & Format(dtStartDate, "yyyy-mm-dd") & "# AND #" & Format(dtEndDate, "yyyy-mm-dd") & "#"
    ElseIf Not IsNull(dtStartDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] >= #" & Format(dtStartDate, "yyyy-mm-dd") & "#"
    ElseIf Not IsNull(dtEndDate) Then
        If strFilter <> "" Then
            strFilter = strFilter & " AND "
        End If
        strFilter = strFilter & "[Last Audit Date] <= #" & Format(dtEndDate, "yyyy-mm-dd") & "#"
    End If
    ' Define the file path for the PDF export
    strFilePath = Application.CurrentProject.Path & "\Compliance_Report.pdf"
    On Error GoTo ErrHandler
    ' Export the report to PDF with or without a filter
    If strFilter = "" Then
        DoCmd.OutputTo acOutputReport, "Compliance Report", acFormatPDF, strFilePath
    Else
        DoCmd.OpenReport "Compliance Report", acViewPreview, , strFilter
        DoCmd.OutputTo acOutputReport, "Compliance Report", acFormatPDF, strFilePath
        DoCmd.Close acReport, "Compliance Report"
    End If
    ' Notify the user
    MsgBox "Report exported successfully to: " & strFilePath, vbInformation, "Export Successful"
    Exit Sub
ErrHandler:
    MsgBox "An error occurred while exporting the report: " & Err.Description, vbCritical, "Error"
End Sub

```

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Private Sub btnGenerateReport_Click()
    Dim strFilter As String
    Dim strRegulation As String
    Dim dtStartDate As String
    Dim dtEndDate As String
    ' Retrieve form values
    strRegulation = Me.cmbRegulation
    dtStartDate = Me.txtStartDate
    dtEndDate = Me.txtEndDate
    ' Build the filter string
    strFilter = "[Regulation] = '" & strRegulation & "'"
    If Not IsNull(dtStartDate) And Not IsNull(dtEndDate) Then
        strFilter = strFilter & " AND [Last Audit Date] BETWEEN #" & dtStartDate & "# AND #" & dtEndDate & "#"
    End If
    ' Open the report with the filter
    DoCmd.OpenReport "Compliance_Report", acViewPreview, , strFilter
End Sub

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The screenshot shows a 'CMDB Dashboard' form with four data entry fields, each containing a DCount expression:

- Total Assets:** =DCount([Asse
- Critical Incidents:** =DCount([Seve
- CMDB Dashboard:** =DCount([Com
- Critical Vulnerabilities:** =DCount([CVSS

An 'Expression Builder' dialog is open, showing the expression: `=DCount("[Severity]", "Incidents Table", "[Severity]='Critical'")`. The dialog includes sections for 'Expression Elements', 'Expression Categories', and 'Expression Values'.

Below the dashboard, a 'Compliance Report' form is visible, featuring a 'Regulation' dropdown, 'Unbound' text boxes for dates, and buttons for 'Export to PDF' and 'Open Report'.