**Beispiele für Aufruf der Funktionen.**

**Class License**

Dim License As Engine.License = New Engine.License

„WriteLicenseRequestFile” 🡪 Schreiben einer Lizenzanfrage.

Dim LicenseOrLicenseRequestFile As String = "D:\Hexagon\VB\VB2012\PC\_DMIS\PC\_DMIS - OI\bin\Debug\OI\_licenseRequest.dat"

Dim APPPath As String = "D:\Hexagon\VB\VB2012\PC\_DMIS\PC\_DMIS - OI\bin\Debug"

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim CodeKey As Integer = 10 bei LicenseRequest oder 100 bei License

Dim SoftwareCodeKey As Integer = 180464

Dim ApplicationInfoVersionMajor As Integer = 3

Dim Infos As New Engine.License.LicenseInfos

With Infos

.CustomerName = "Customer AAA"

.DongleID = "354DC76B"

.ExpiryDate = "12.06.2015"

.OrderNumber = "AB167526354"

.Plant = "Wetzlar"

.SoftwareKey = "180464"

.Type = 1

.Version = 3

End With

Dim FileCreated As Boolean = License.WriteLicenseRequestFile(LicenseOrLicenseRequestFile, FolderAlleUserSettings, CodeKey, Infos)

„ReadLicenseOrLicenseRequestFile“ 🡪 Lesen einer Lizenz oder LizenzRequest Datei.

Dim LicenseOrLicenseRequestFile As String = "D:\Hexagon\VB\VB2012\PC\_DMIS\PC\_DMIS-OI\bin\Debug\PCDOI\_license.dat"

Dim APPPath As String = "D:\Hexagon\VB\VB2012\PC\_DMIS\PC\_DMIS - OI\bin\Debug"

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim CodeKey As Integer = 100

Dim SoftwareCodeKey As Integer = 180464

Dim ApplicationInfoVersionMajor As Integer = 3

Dim Infos As Engine.License.LicenseInfos = License.ReadLicenseOrLicenseRequestFile(LicenseOrLicenseRequestFile,\_

APPPath, \_

FolderAlleUserSettings, \_

CodeKey, SoftwareCodeKey, \_

ApplicationInfoVersionMajor)

**Class** Files

Dim Files As Engine.Files = New Engine.Files

**„**ListOfFiles**“ 🡪** Eine Liste der Dateien im Ordner wird erstellt.

Dim Path As String = "D:\"

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim Extension As String = "\*.prg"

Dim TopLevelOnly As Boolean = True

Dim ListOfStr As List(Of String) = Files.ListOfFiles(Path, FolderAlleUserSettings, Extension, TopLevelOnly)

„FileCode“ 🡪 Kodieren oder dekodieren einer Text Datei.

Dim File As String = "D:\TestFile.dat"

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim FileCreated As Boolean = Files.FileCode(FolderAlleUserSettings, File)

„FileEncode“ 🡪 Dekodieren einer Text Datei.

Um eine Datei Endkodieren zu können, muss die Datei mit demselben Muster Kodiert gewesen sein.

Dim File As String = "D:\TestFile.dat"

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim FileCreated As Boolean = Files.FileEncode(FolderAlleUserSettings, File)

“GetPathFromFullPartName” 🡪 Aus einem vollen (mit Pfad) Dateinamen wird, der Pfad ermittelt

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim FileName As String = "C:\CAD\MyCAD.igs"

AppSettings.LastCADFolder = File.GetPathFromFullPartName(AppSettings.FolderAlleUserEinstellungen, FileName)

Class PCDMIS

Dim PCDMIS As Engine.PCDMIS = New Engine. PCDMIS

**„**GetDongleID**“ 🡪** Dongle ID bzw. PC Informationen, werden gelesen.

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim Info As String = PCDMIS.GetDongleID(FolderAlleUserSettings)

**„**GetDongleID**“ 🡪** PC-DMIS Version, wird gelesen.

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim Info As String = PCDMIS.GetPCDVersion(FolderAlleUserSettings, "Major")

Dim Info As String = PCDMIS.GetPCDVersion(FolderAlleUserSettings, "Minor")

**„**PCDMISIsRunning**“ 🡪** Verweis aufPC-DMIS wird gesetzt, ggf. wird PCDMIS gestartet.

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim StartPCDMISProcessIfDoesntExists As Boolean = True

Dim PCDLRNVisible As Boolean = True

PCD\_App = PCDMIS.PCDMISIsRunning(FolderAlleUserSettings, StartPCDMISProcessIfDoesntExists, PCDLRNVisible)

„ListOfProbes” 🡪 Liste der Taster in PCDMIS, wird erstellt

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim listOpProbes As List(Of Engine. PCDMIS.Probe) = PCDMIS.ListOfProbes(FolderAlleUserSettings)

Class String

Dim Strings As Engine.String = New Engine.String

**„**StringEncode**“ 🡪** Ein String wird dekodiert.

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim MyString As String = "STlOhEHR3zOaRQiGSAM9OEyuB/BQK8WnTXya4j8/RLNaq4ziVTTl8CVKN1wzVI1B6tE"

Dim KeyCode As Integer = 100

Dim myStr As String = Strings.StringEncode(FolderAlleUserSettings, MyString, KeyCode)

**„**StringCode**“ 🡪** Ein String wird kodiert.

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim MyString As String = "Softwarelizenz NET Version"

Dim KeyCode As Integer = 100

Dim myStr As String = Strings.StringCode(FolderAlleUserSettings, MyString, KeyCode)

Class DGV

„IsDataGridViewCell” 🡪 Information, ob es eine Gridcelle ist?

Dim myDGV As New Engine.DGV

‘Bei MouseDown Event

Private Sub dgv\_MouseDown(sender As Object, e As MouseEventArgs) Handles dgv.MouseDown

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Dim IsDGVCell As Engine.DGV.CellInformations\_= myDGV.IsDataGridViewCell(FolderAlleUserSettings , e, dgv)

End Sub

‘Bei MouseMove Event

Private Sub dgv\_MouseMove(sender As Object, e As MouseEventArgs) Handles dgv.MouseMove

Dim FolderAlleUserSettings As String = "C:\ProgramData\PCDMIS-Operator Interface"

Me.lblStatus.Text = myDGV.IsDataGridViewCell(FolderAlleUserSettings , e, dgv)

End Sub