

Performing an Auxiliary task when a Unimeter is Logged

If you wish to perform some task when a Unimeter is Logged, instead of when it is polled, then you need to modify the code in module 'LogValues'. The function in this module is called every time a Unimeter is polled, to check to see if that device requires 'Logging'.

Open the module 'LogValues'. It contains one function called "Public Function LogValuesToTable() As Boolean"

Firstly this function steps through each record in the UniDetails table to see if that particular device is to be logged:

```
"If ((StrConv(Rst!Log, vbProperCase)) = "Yes")"
```

and also if it is time to log it:

```
"And (IsNull(Rst!NextLogTime) Or (TimeStamp >= Rst!NextLogTime)) Then".
```

You can insert a call after this line, and before the "Update NextLogTime Field" to indicate that this particular device is about to be logged.

It would be best to create a flag to indicate this had happened, and then perform your task once the table had been closed (ie just before the "End Function"). This is to avoid nasty surprises whilst the database table (recordset) is open.

```
..
Dim TimeStamp As Date
Dim WasLogged As Boolean

Dim dbs As Database, Rst As Recordset
LogValuesToTable = False
WasLogged = False

'Add readings to other User tables
namecount = 0
Set dbs = CurrentDb()
'Open 'UniDetails' Table
Set Rst = dbs.OpenRecordset("UniDetails", dbOpenTable)
With Rst
.MoveFirst
TimeStamp = Now
While Not .EOF
If ((StrConv(Rst!Log, vbProperCase)) = "Yes") _
And (IsNull(Rst!NextLogTime) Or (TimeStamp >= Rst!NextLogTime)) Then

WasLogged = True

'Update NextLogTime Feild
..
..

End With
Rst.Close

If WasLogged Then
' Your code here...
End if

End Function
```

The above sample code will flag that at least one device was logged. To find the name of that device you will need to look at Rst.Name for the Name which UniLink uses, or Rst.ControlName And Rst.SubForm for the one or more occurrences of this device in the table.