



Codemat Sàrl (Deutschschweiz)
 Innere Margarethenstr, 10
 CH-4051 Basel
 Tel: +41 (0)61-271 64 14
 E-Mail: info@netcube.ch

APPLICATION NOTE No. 010		
Data redirection initiated by the NetCube		
Ver. 1.1	April 2012	Total: 1 page(s)

Description

The NetCube continuously reads the com port. When it detects a specific „start“ command it automatically connects itself to a remote server and forwards back & forth all data between the TCP socket and the COM port. When a specific „stop“ command is seen on the COM port, it disconnects itself.

Logical behaviour (pseudo-code)

```

Loop
  If status connected
    Check for data on COM port and TCP socket
    Forward data from COM to TCP and vice-versa
    If data = close command
      Close TCP socket
      Status = disconnected
    End if
  Else
    Read line COM port
    If data = start command
      Open TCP socket
      Status = connected
    End if
  End if
End loop
  
```