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<b>APPLICATION NOTE No. 002</b>		
<b>Management of quality control analyzers with remote id and data transmission</b>		
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### Description

The NetCube asks for and collects the results of a quality control analyzer then forwards them via HTTP in the company information system. The analyzer is managed via its serial port.

The operator first identifies the product analyzed with a barcode. Once identified the NetCube asks the analyzer to proceed with the analysis and waits for the results to arrive into one of its serial port. The NetCube parses them as soon as possible. When all expected results have been retrieved, they are sent to the central database for archiving purpose.

### Logical behaviour (pseudo-code)

```

loop
    Read barcode (wait until one comes)
    Ask analyser to start its analysis
    Read the results
    Extract the interesting values
    Send values to MS-SQL Server
end loop
    
```

### Overview of the installation

