# Fluidwell N-410-P (Fluid filling batch counting hardware) integration with Manufacturing Execution System

This draft document shows the potential setup to connect Fluidwell N-410-P Batch Controller to local Intranet to allow for TCP/IP communications to read and write data from/to 6 connected batch controllers from a .NET application.

Anybus Communicator - EtherNet/IP: <https://www.anybus.com/products/gateway-index/anybus-communicator/detail/anybus-communicator-ethernet-ip>

Batch controller 3

(Slave)

Batch controller 2

(Slave)

Batch controller 1

(Slave)

(Slave)

Write Modbus commands to specific Batch Controller Register

(Function 16 - Write Multiple Registers)

Read data from specific Batch Controller Register

(Function 3 - Read Multiple Registers)

Daisy chained RS-485 Serial Cable connected to Anybus Master

Anybus Communicator - EtherNet/IP

Connected to HYG Intranet (TCP/IP)

(MASTER)

MES on HYG