

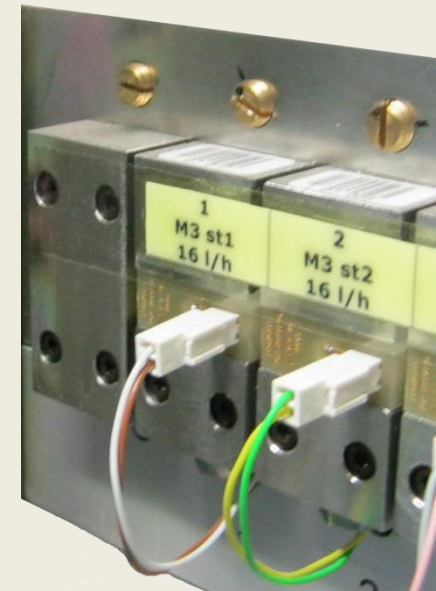
Remote control for TRT active gas system

TRT ACTIVE GAS

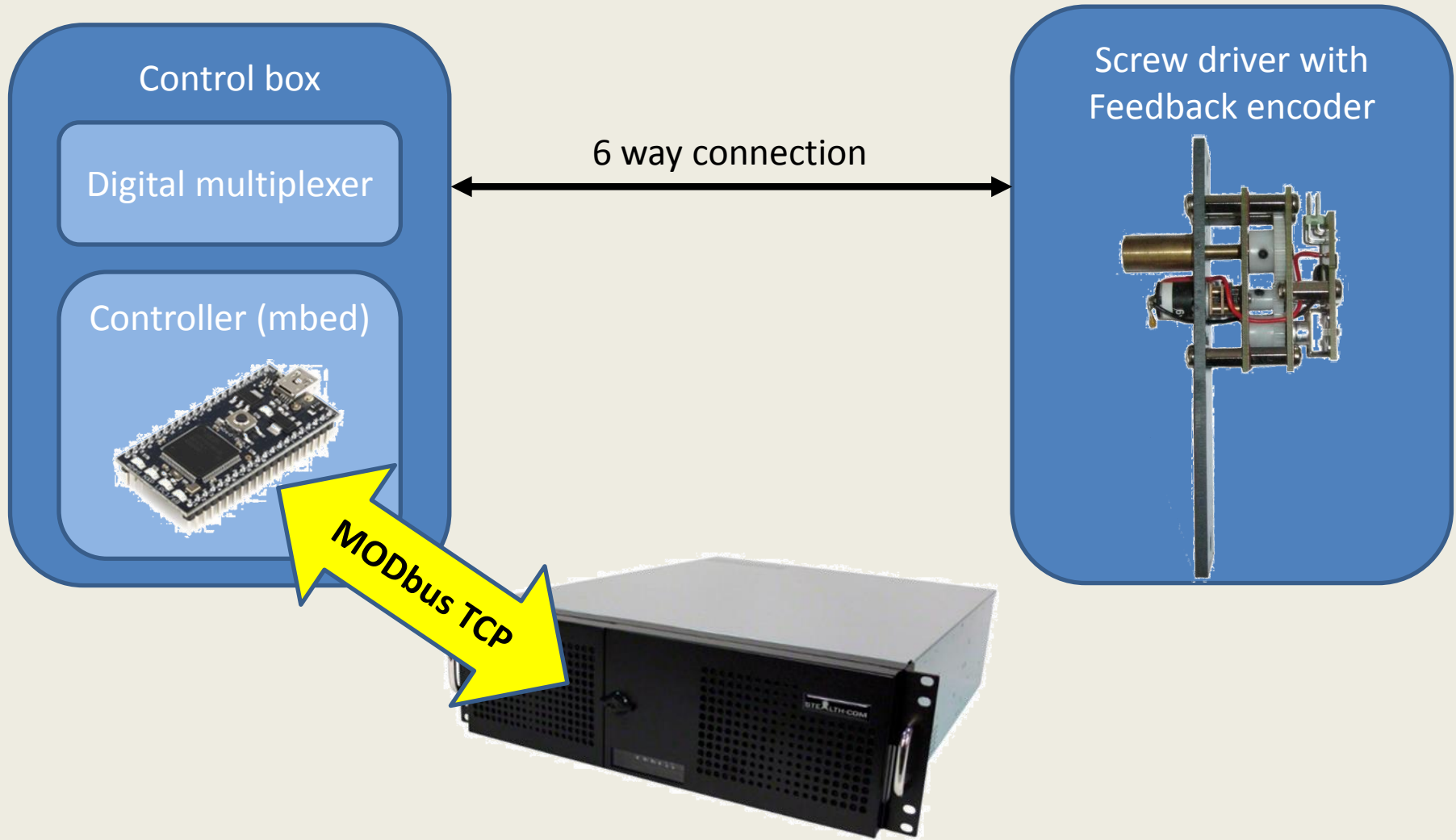


Now we have manual flow regulation.

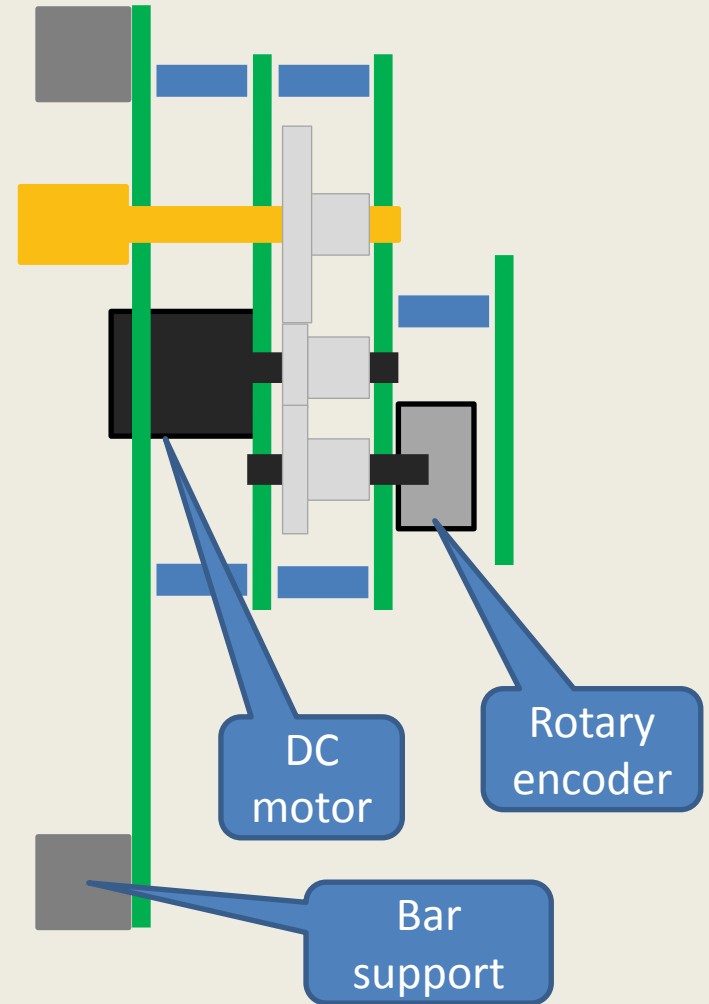
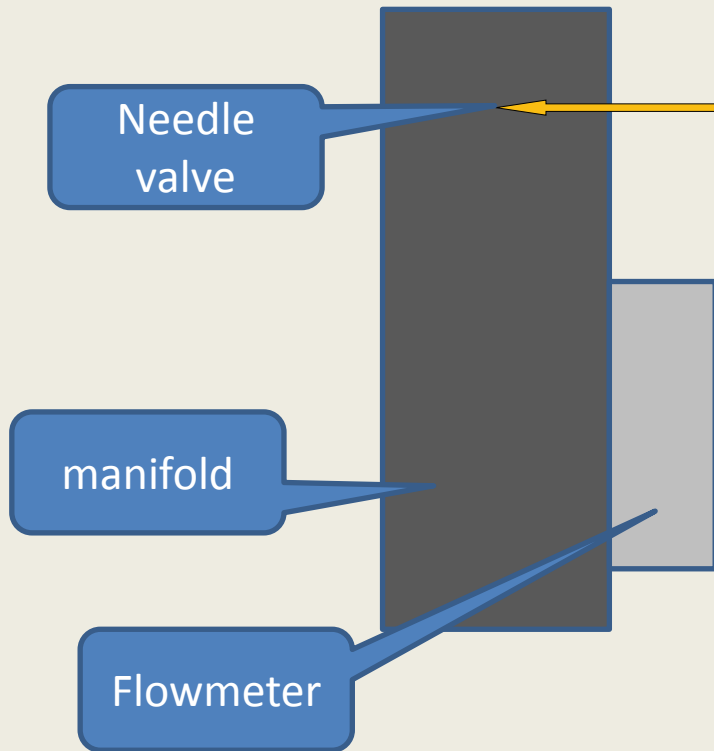
Flow adjusting is possible only during shutdowns.



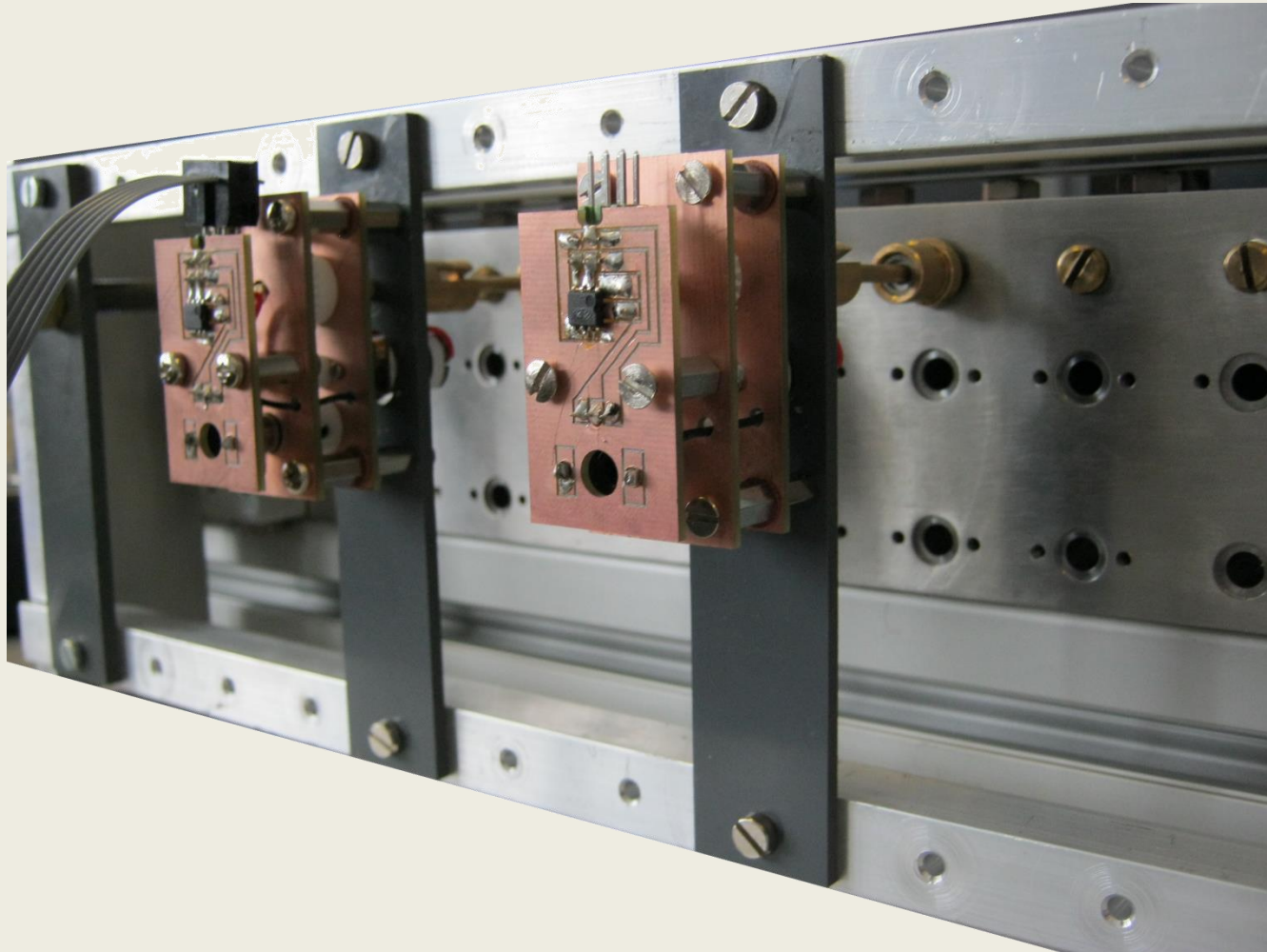
Idia



"Screwdriver" installation



Prototype



Test in magnetic field

The magnetic field near gas distribution rack around 300G ($\sim 33\text{mT}$)

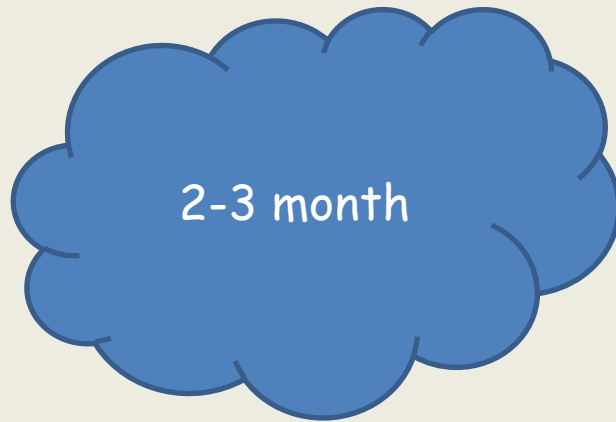


The screwdriver works well in magnetic field up to 100 mT (1000G)



What need to do:

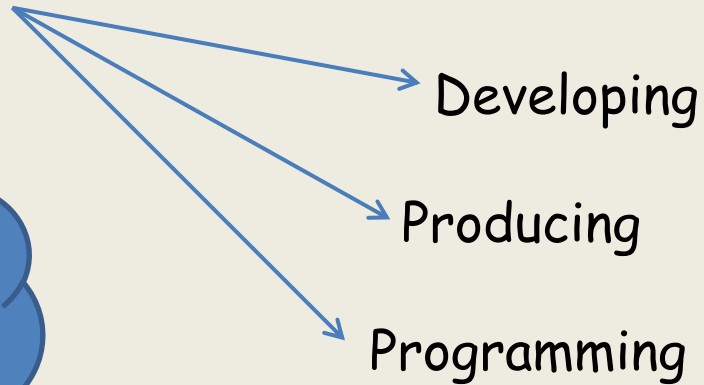
Mechanical job



- Make new needles
- Make axis's
- Modify gearwheels
- Assembly screwdrivers

What need to do:

Electronics job



What need to do:

Software job



Time ???

MODbus client

Integration to DCS