

# LAN interface/control project

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Dear All,

I could be involved in a new project as hw engineer. The main issue is to interface/connect some kind of control machines via LAN. I think remote log and fw upgrade could be requested too.

I've got hardware design skills, mainly from industrial controls and sensors area and I've got firmware design knowledge too, mainly from teamworking on energy conversion devices.

At the moment I think that the project is 30% hw and 70% shared between uC-firmw and PC-softw.

I feel confident with the hw part... but I was never asked to design a LAN interface (neither hw nor sw), and I'm actually not confident with ETHERNET/TCP-IP protocols, so I need to close the gap, starting from (re)studying the matter. Even if I'm not expected to develop the firmware (not all, anyway) I would like to be able to interface with sw and fw engineers.

Can anybody direct me to some "incremental" readings, from the basic to security issue regarding remote controls over internet ?

Thanks in advance, and Merry Christmas.

sibern

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