



Proposal for looser restrictions on legacy devices

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Legacy devices are safe (now)

- Legacy devices will only initiate transactions through bridges if some other device gives it a remote address
 - Legacy devices do not know how to find addresses off their own bus
 - It is possible that someone may have built a device that searches other bus_ids
 - We haven't heard of any
 - Seems unlikely from what we have heard of real development

Can build new controllers safely

- New devices that know how to give remote addresses to legacy devices will know:
 - How to work properly in a bridged network
 - Characteristics of the legacy devices they are working with
 - Physical device (low layers)
 - Application(s)

Proposal

- ⦿ Do not put restrictions on legacy devices into P1394.1
- ⦿ Require that if device A that gives a remote address to device B, then A is responsible to be sure that B does not malfunction in the bridged network

Question

⊗ If:

- A manufacturer builds devices based on the looser requirements, and
- The design is not correct (the legacy device / app fails)

⊗ Then:

- Will any other devices have problems?, or
- Will only the devices in the poor design have problems?



Question

- Is there any problem with legacy devices as transaction responders?