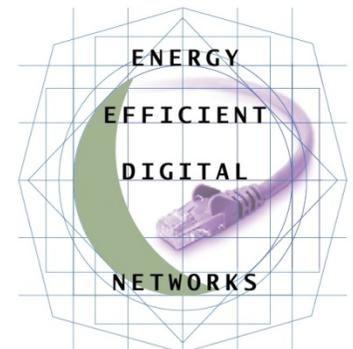


Digital Networks — Electronics



- **Efficient network links**
 - **Energy Efficient Ethernet**
- **Efficient networked devices**
 - **Network presence proxying**
- **Efficient network equipment specifications**
- **Networked consumer electronics power control**

efficientnetworks.lbl.gov



Efficient Networked Buildings



- Long-term future is networking of all energy end uses
- Networks will be installed principally for non-energy reasons
- Efficiency requires global interoperability among building devices and with building occupants
- Interoperability requires standards at several levels

- User Interfaces, beginning with lighting

<http://eetd.lbl.gov/ea/nordman/lightingcontrols.html>

- Real-world concepts (e.g. devices, spaces, presence, schedules, prices, ...)

<http://eetd.lbl.gov/ea/nordman/bldgsasnetworks.html>

