



# Sun Microsystems - MIT Internet 0 Collaboration

Dr. Douglas W. Johnson  
Corporate Standards  
[douglas.johnson@sun.com](mailto:douglas.johnson@sun.com)



# Internet 0 MIT – Sun collaboration

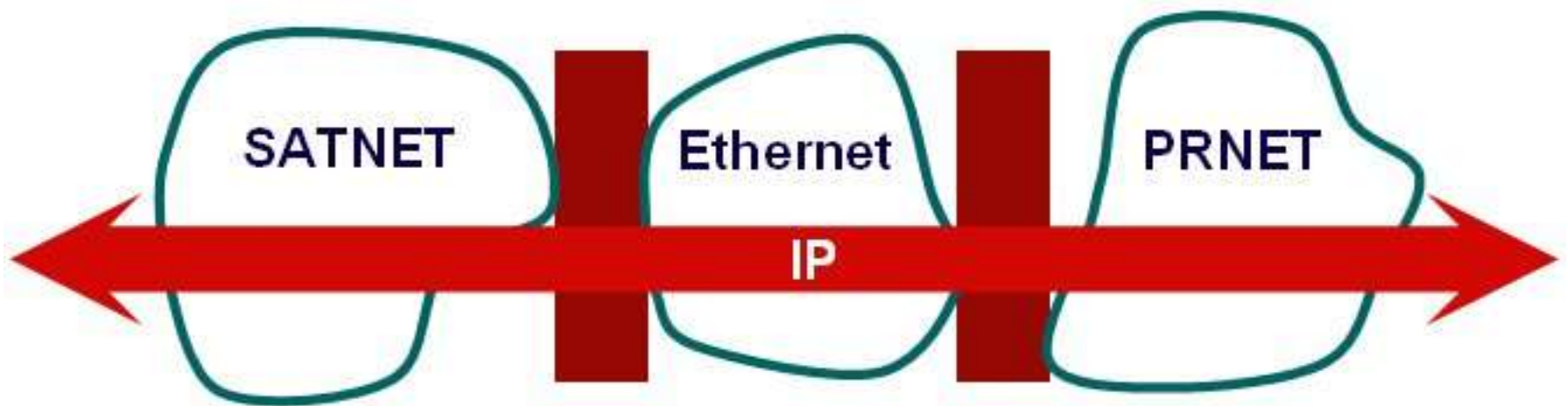
**Desire to “network everything”**



# Internet design insight

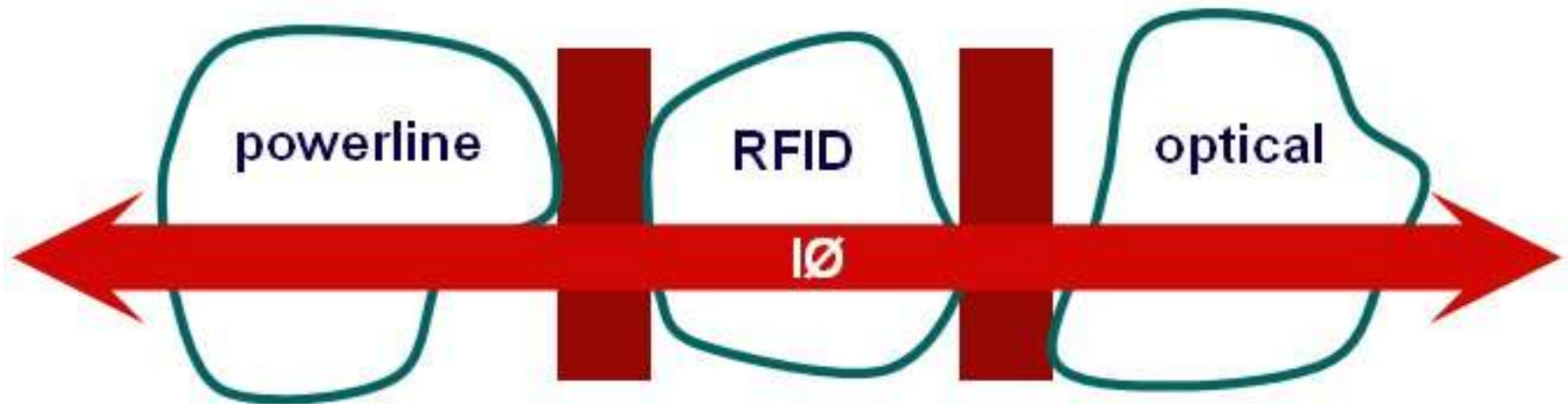
**Initial Internet end-to-end principle**

**“internetworking across unlike networks”**



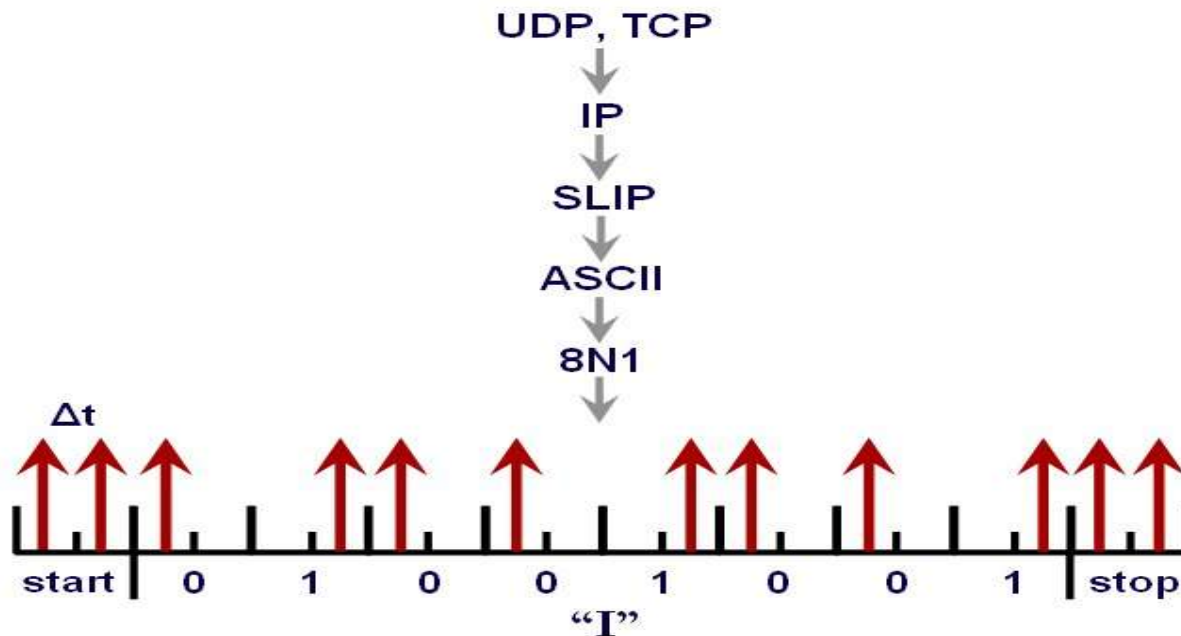
# Internet 0 design insight

**Adhere to Internet end-to-end principle  
“interdevice internetworking of unlike  
devices”**



# Internet 0 packet design

## Self timing impulses using 8N1 with Manchester encoding

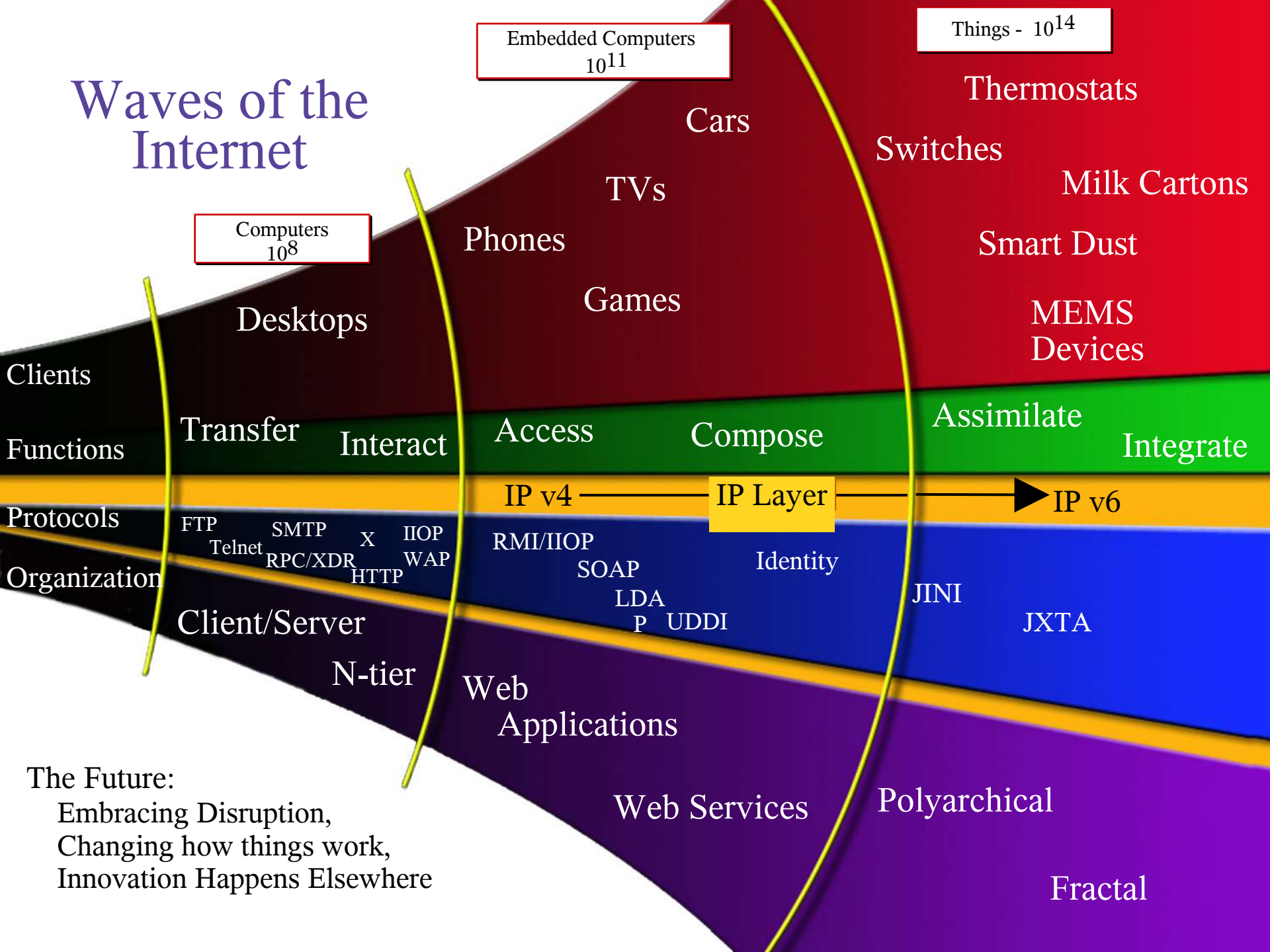


# Internet 0 packet

**Not just a picture, it is a valid Internet packet**



# Waves of the Internet



The Future:  
Embracing Disruption,  
Changing how things work,  
Innovation Happens Elsewhere



Comments and Questions?

[douglas.johnson@sun.com](mailto:douglas.johnson@sun.com)

781-442-0716

