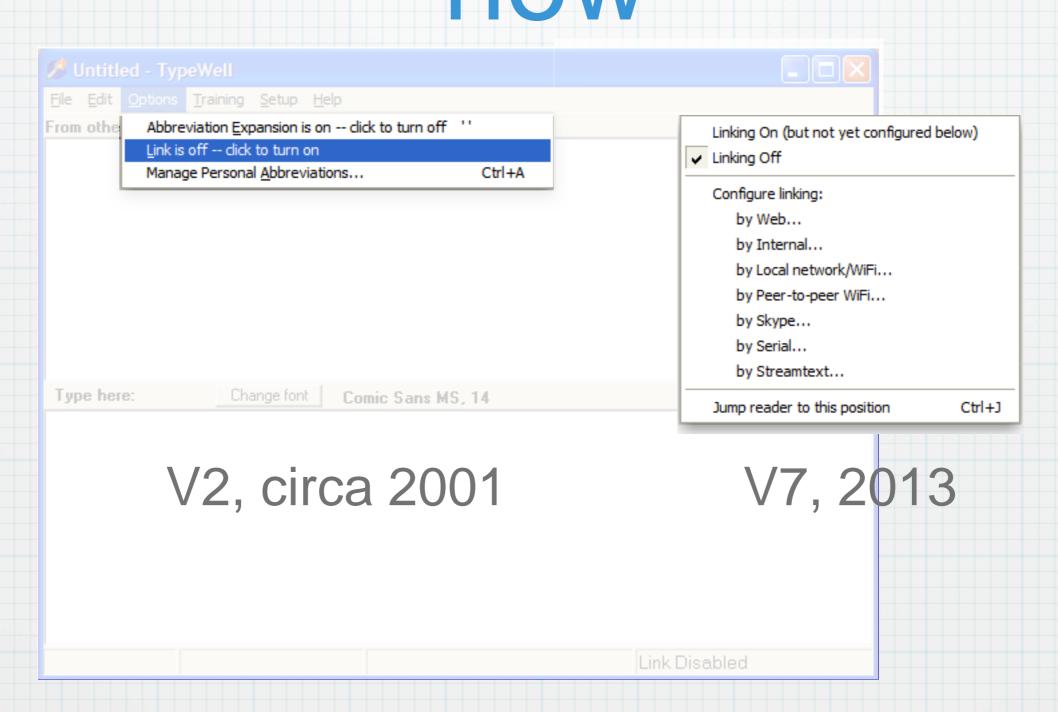
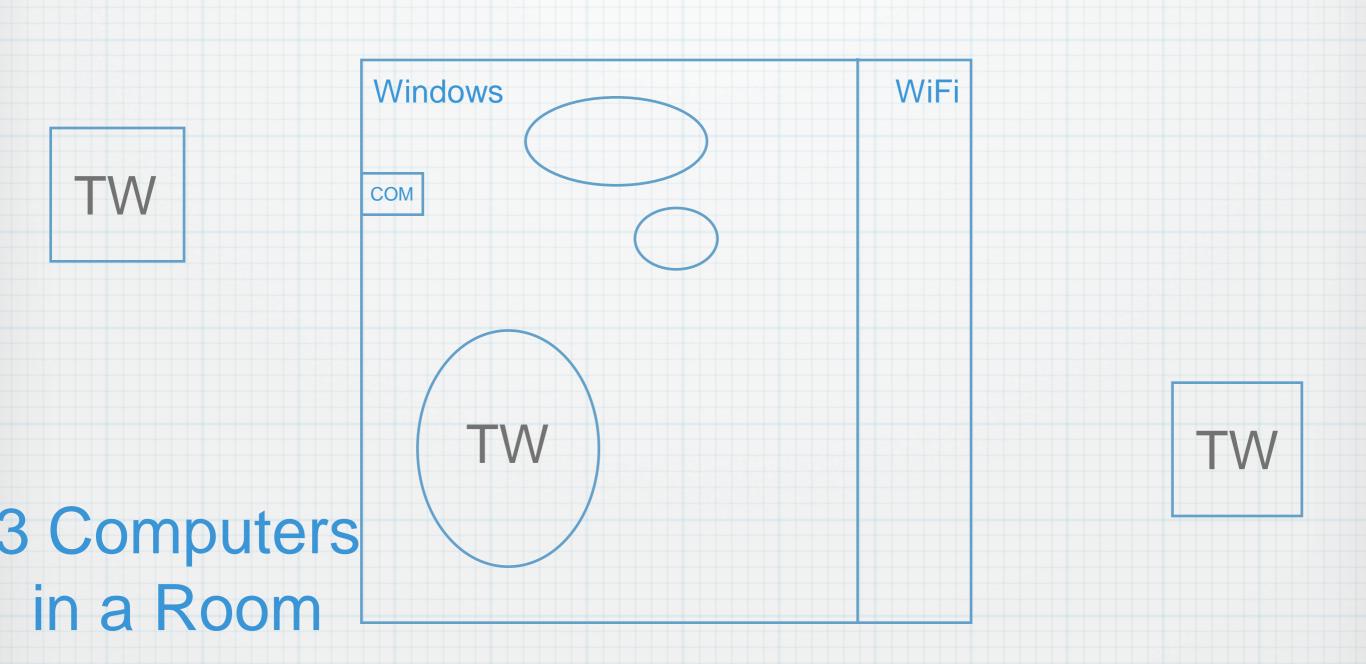
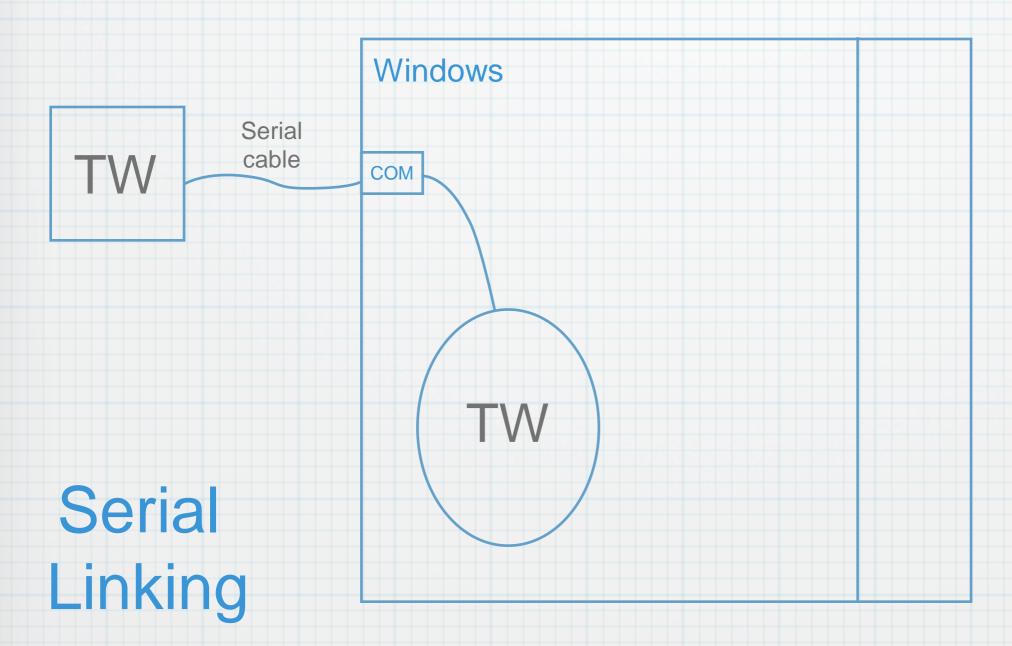
### Learn to Link Well

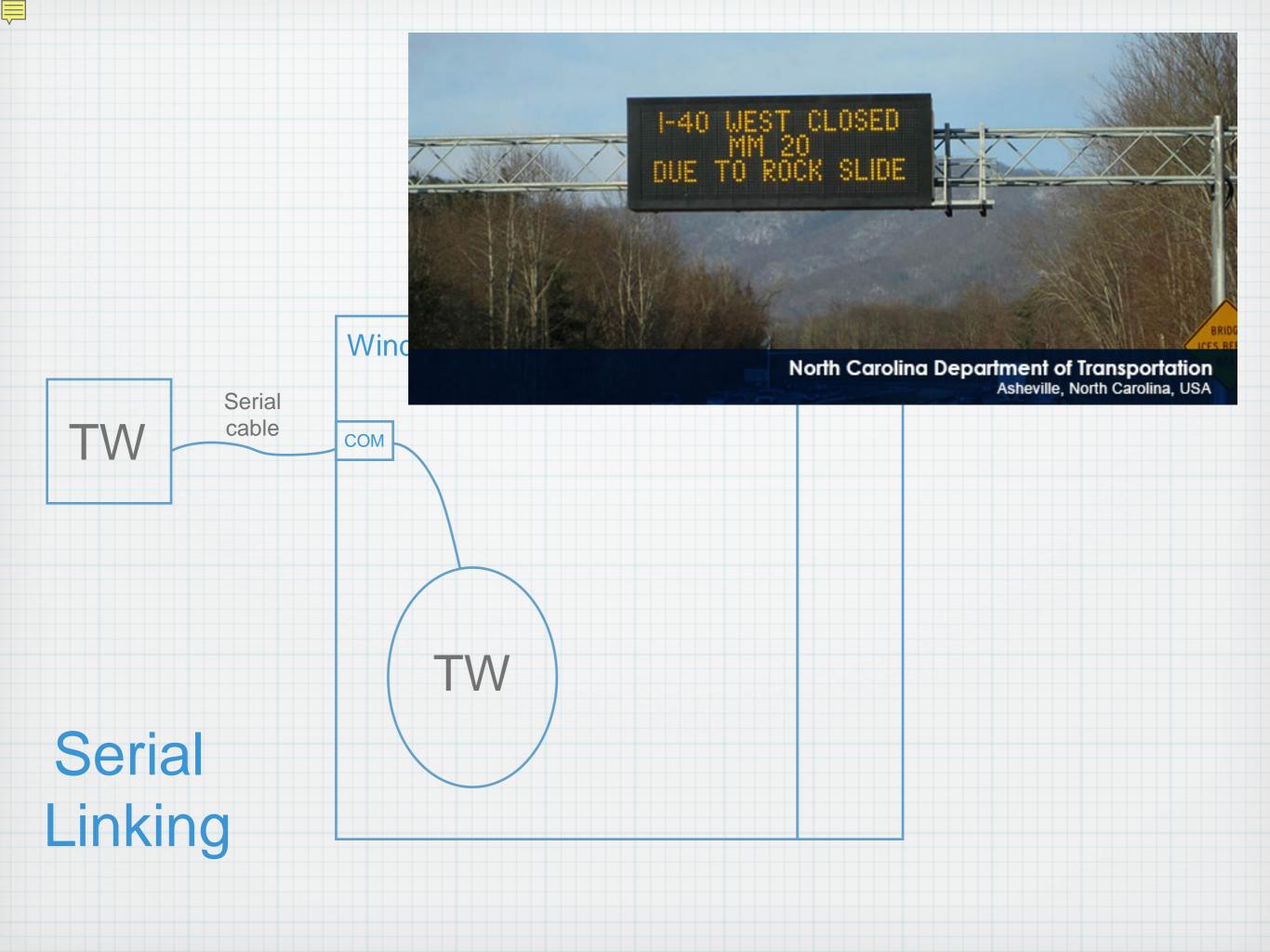
How linking works, what goes wrong, and how to fix it

# The Link menu, then and now



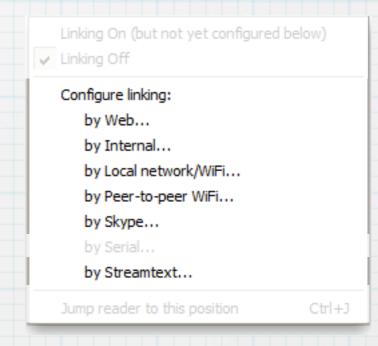


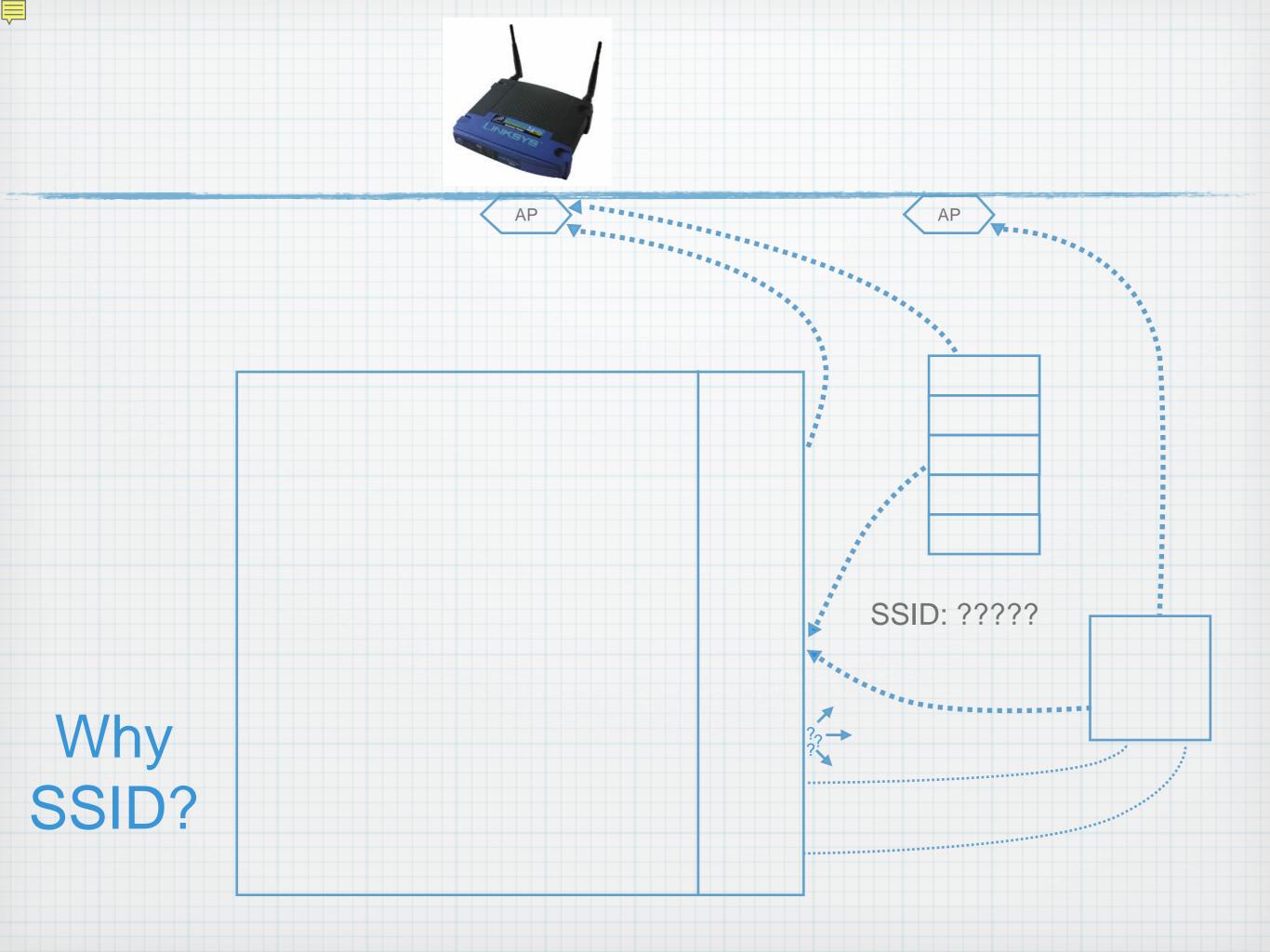


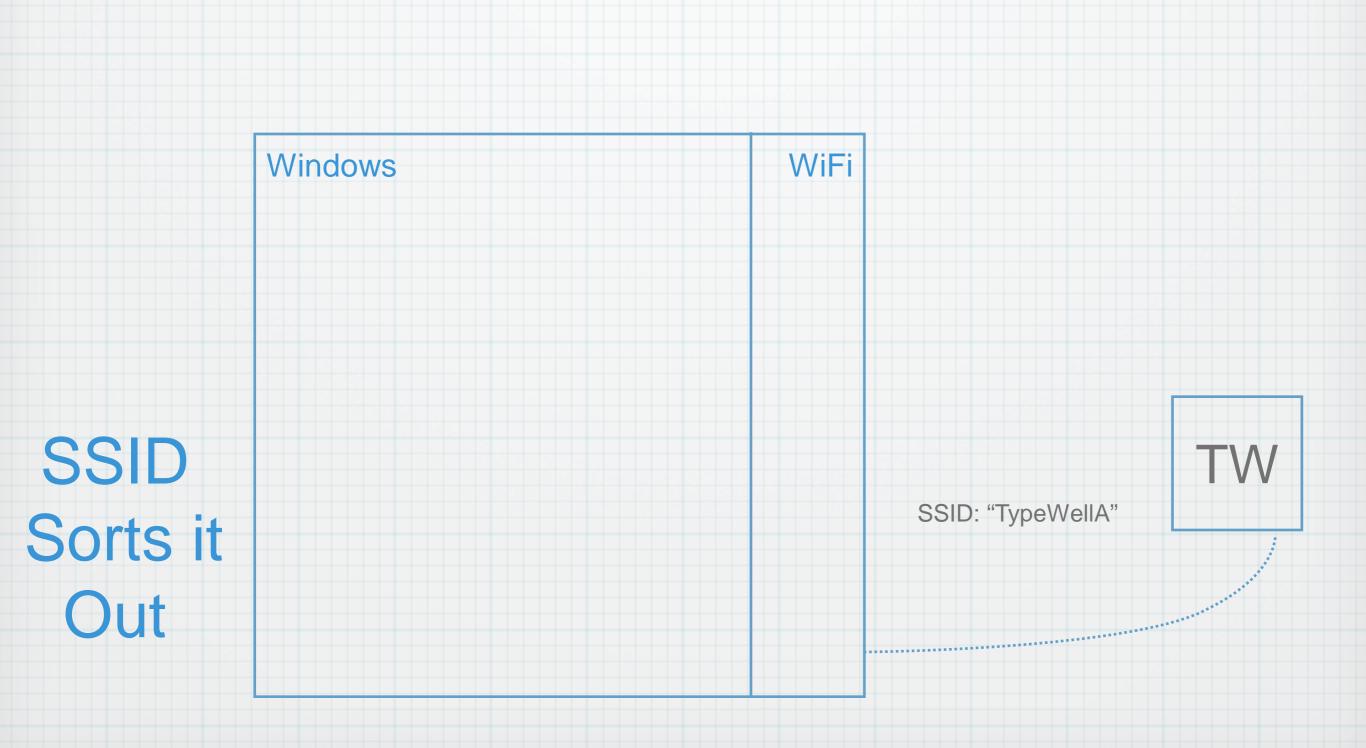


## WiFi Linking

- \* First connect in Windows:
  - \* SSID (Network name) and password
  - \* IP address
- \* Then in TypeWell:
  - \* Link

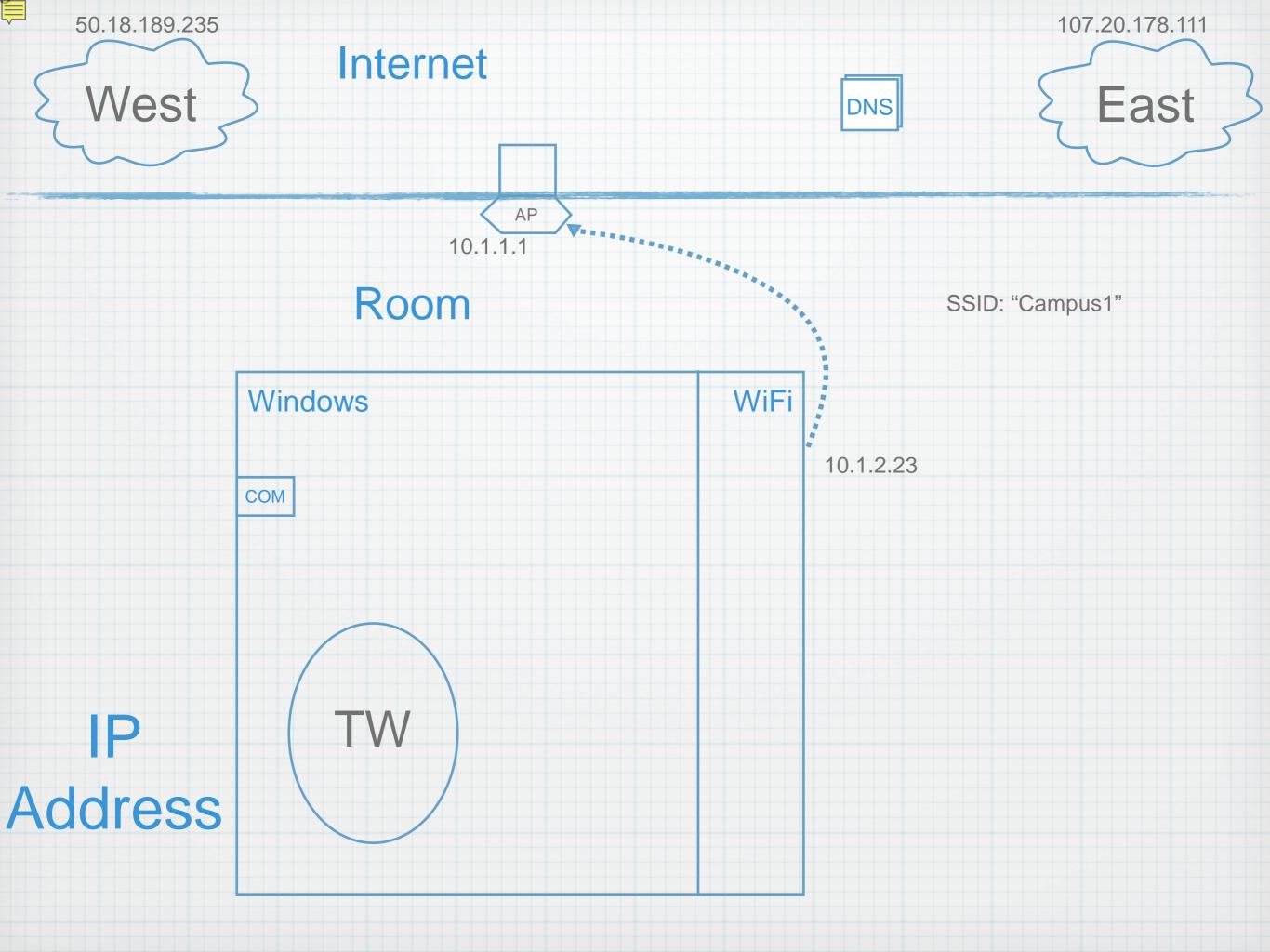






#### IP Address

- \* Like a phone number
- \* Local addresses are like "Hotel extensions":
  - **\*** 192.168.247.1
  - **\*** 10.34.244.72



# Choosing an IP Address

- \* "Extension" assigned one of three ways:
  - \* fixed by us Obtain an IP address automatically

     Use the following IP address:

    IP address:

    Subnet mask:

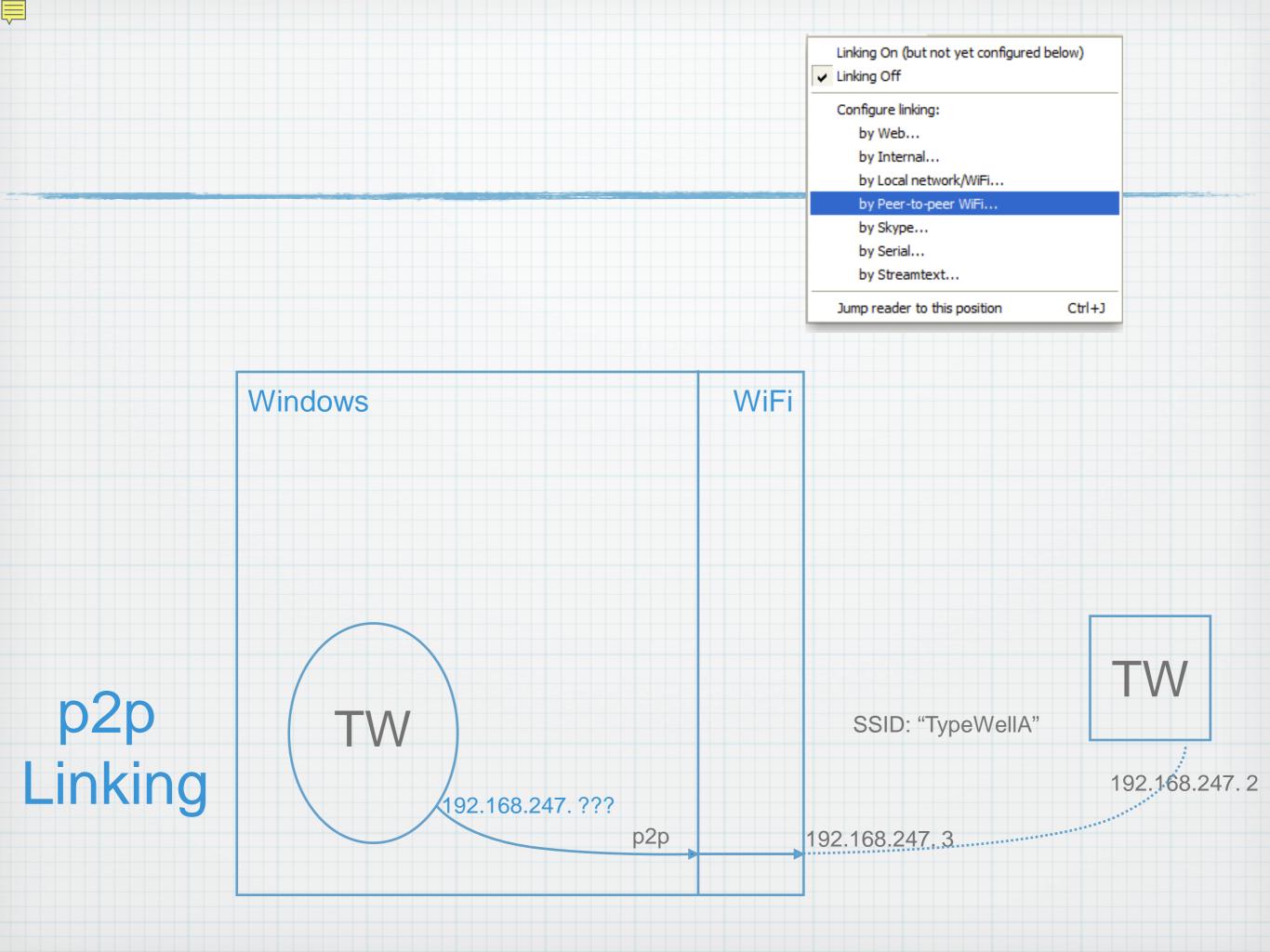
    Default gateway:

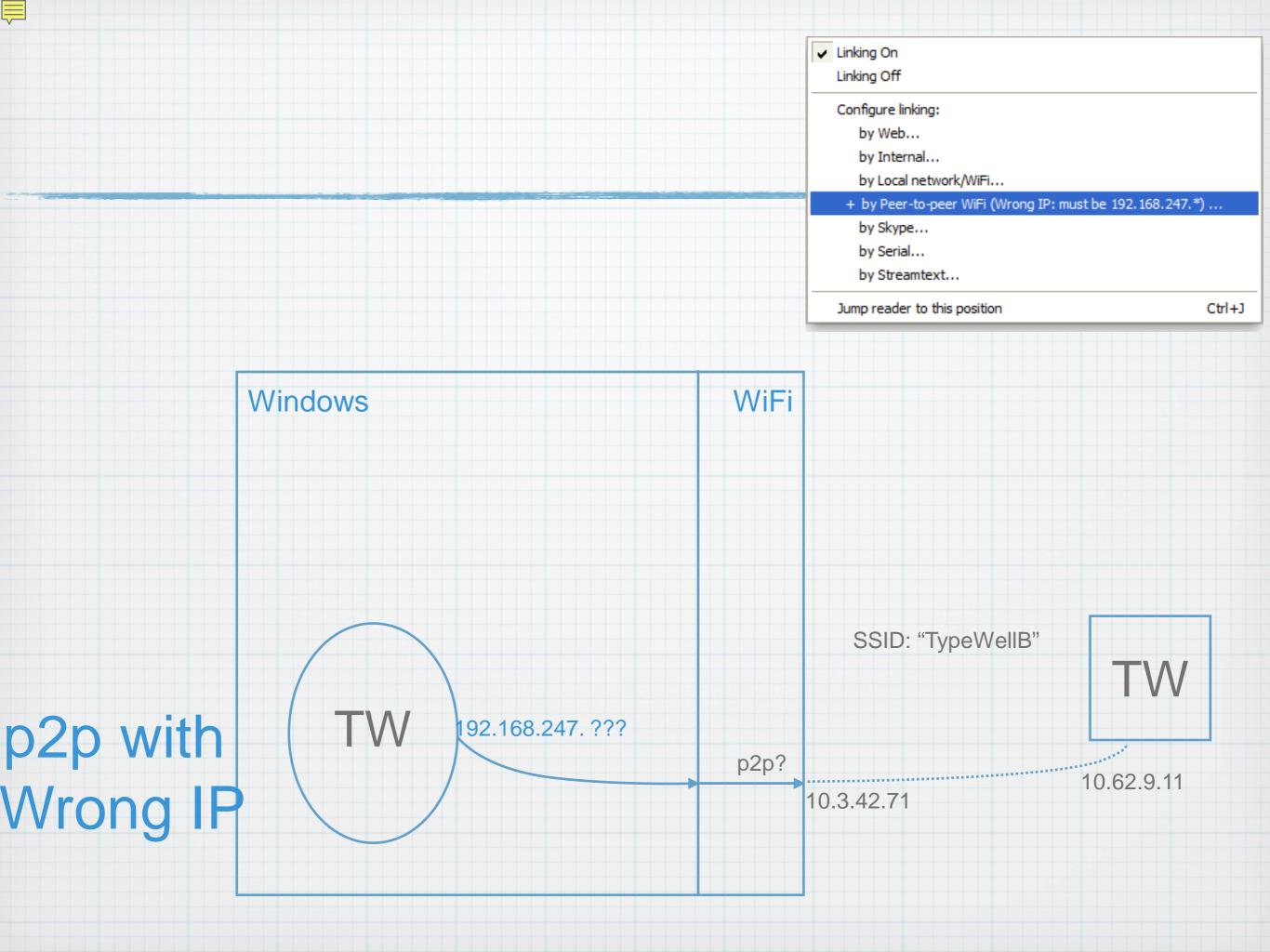
     Obtain an IP address automatically

     Use the following IP address:

    192 . 168 . 247 . 3

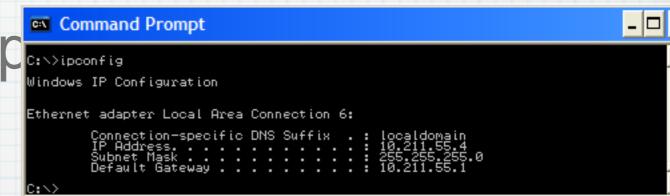
    255 . 255 . 255 . 0
  - \* automatically = random "10." for p2p
  - \* by the Access Point (AP)





# Checking the IP

- \* Windows must be connected before TW has a chance to work.
- \* Command Promp
  - \* "ipconfig"



\* "ping 192.168.247.2"

```
C:\>ping 192.168.247.1

Pinging 192.168.247.1 with 32 bytes of data:

Request timed out.

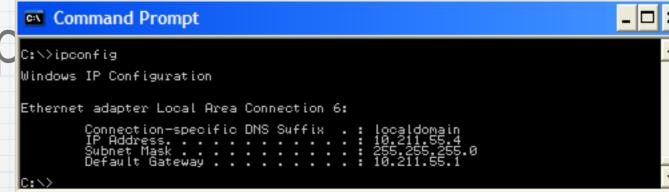
Ping statistics for 192.168.247.1:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C

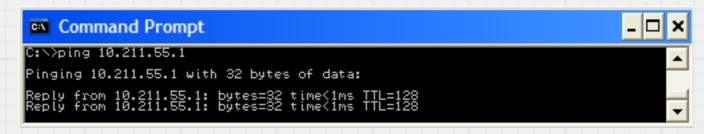
C
```

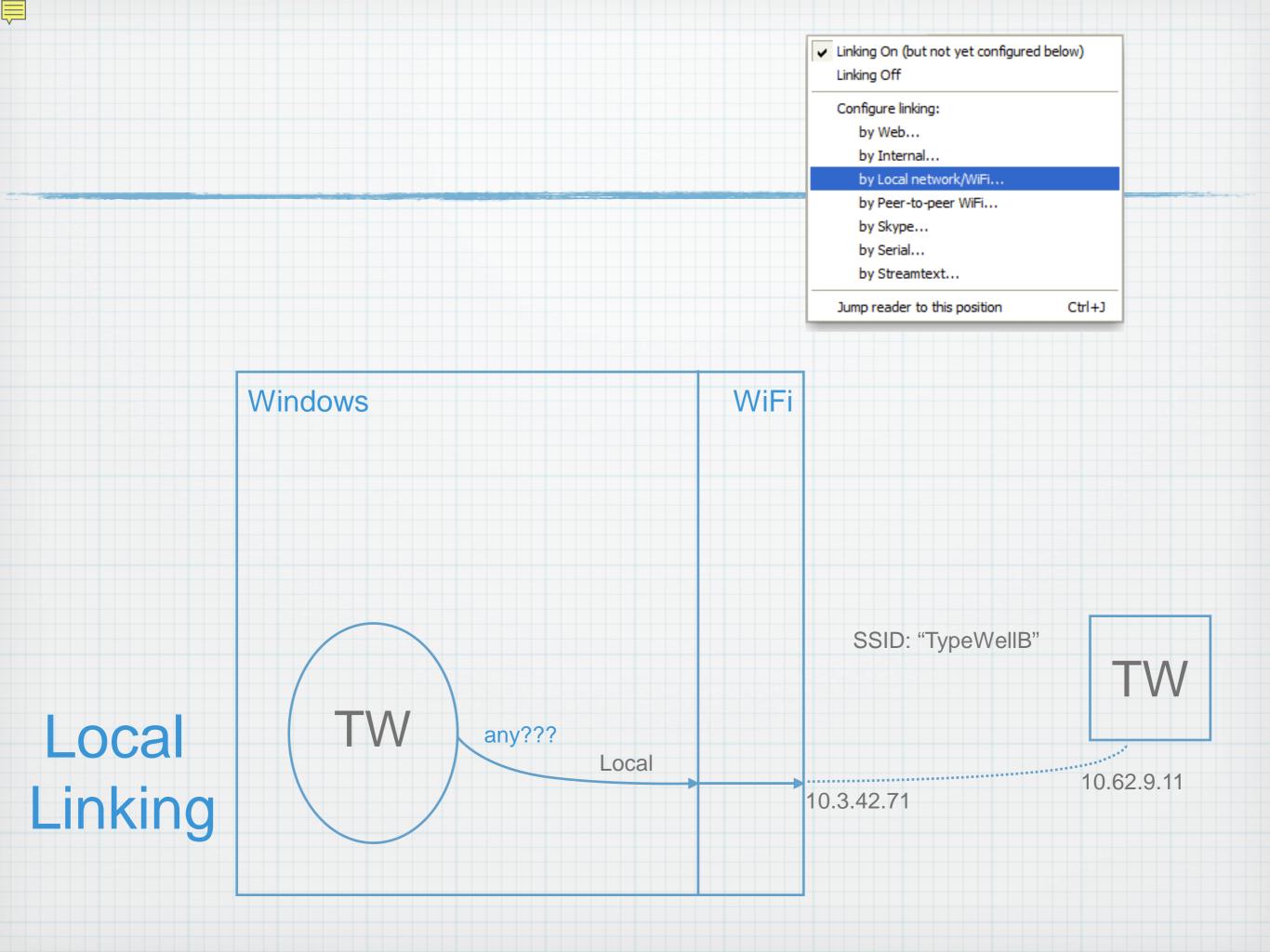
# Checking the IP

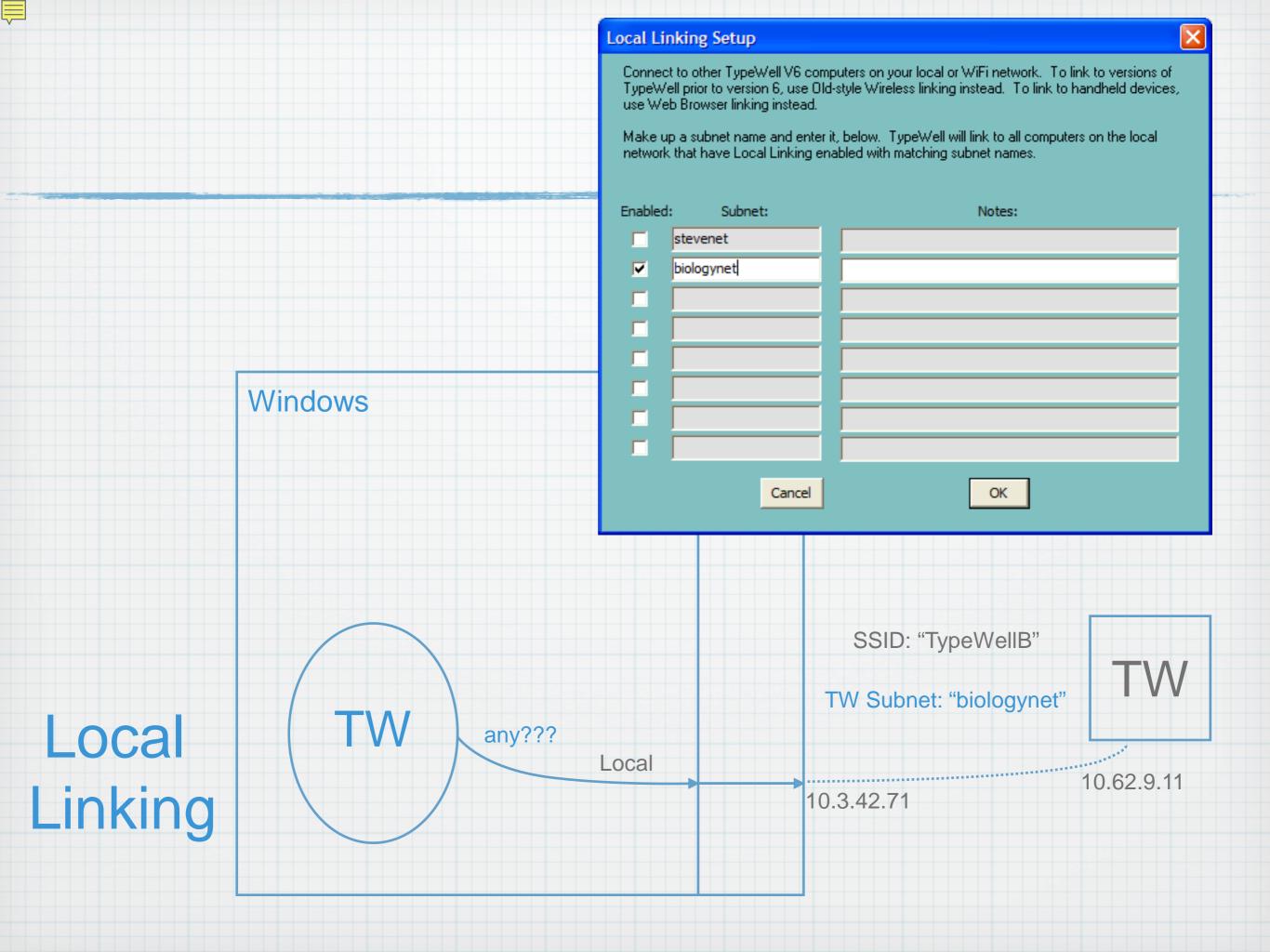
- \* Windows must be connected before TW has a chance to work.
- \* Command Promp
  - \* "ipconfig"

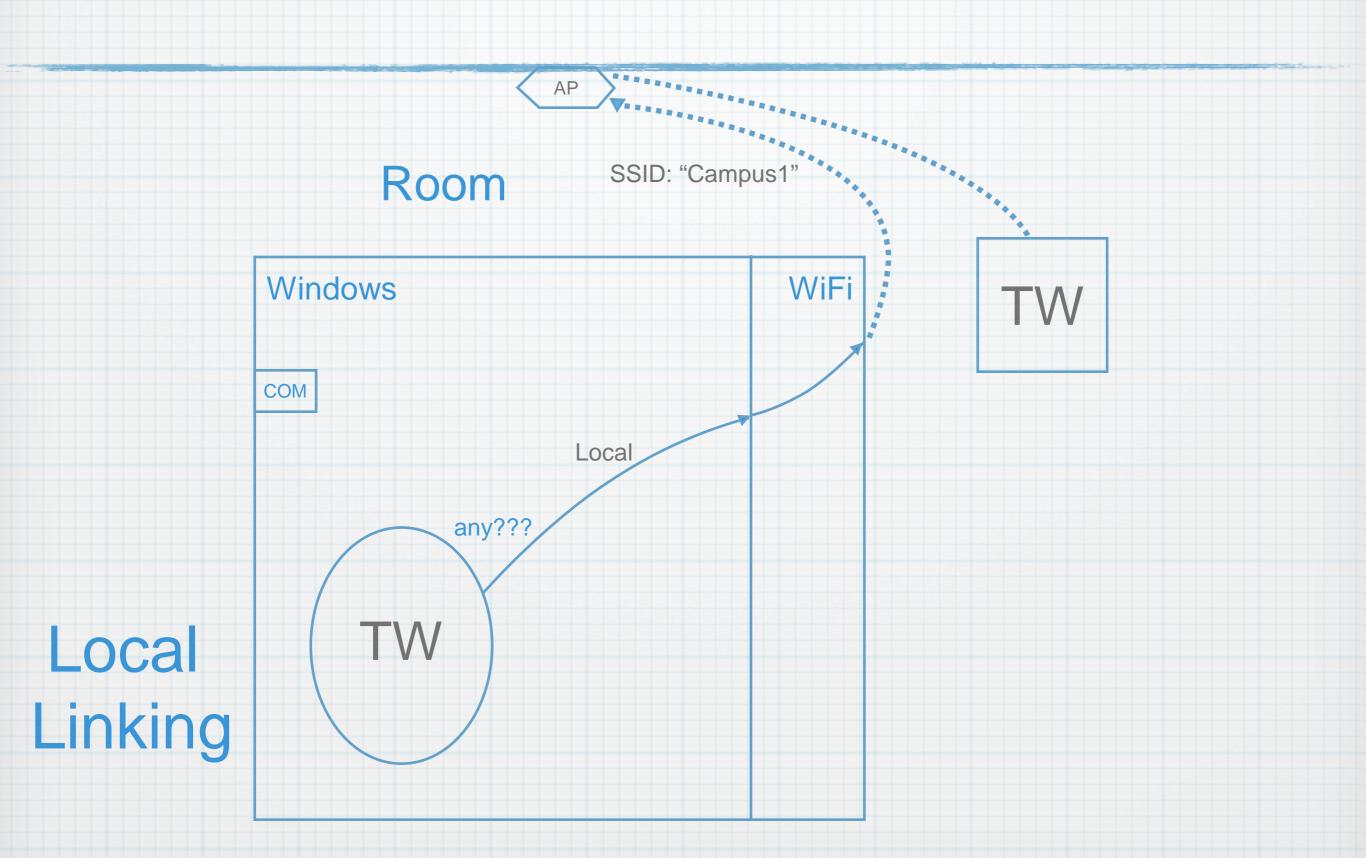


\* "ping 10.211.55.1"

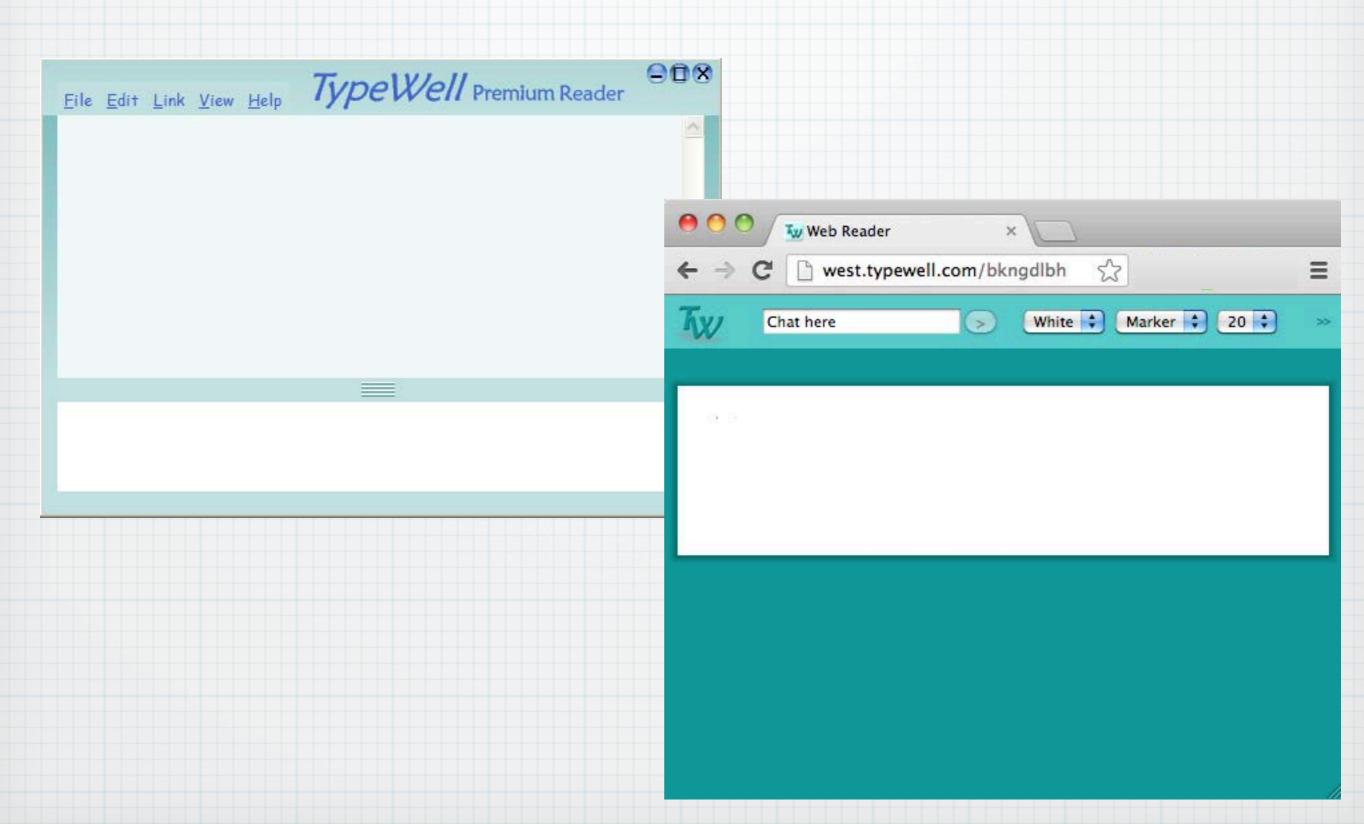


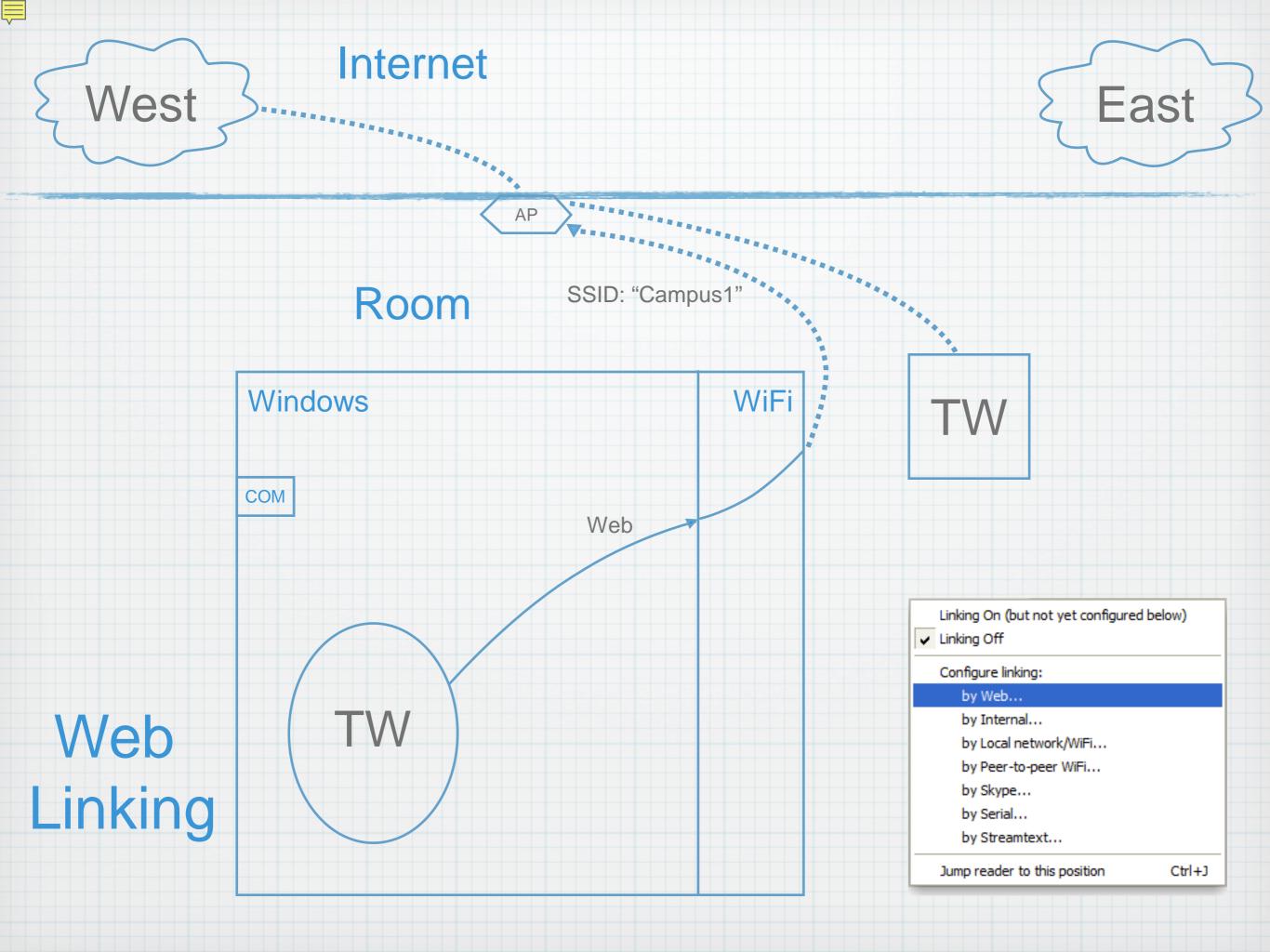






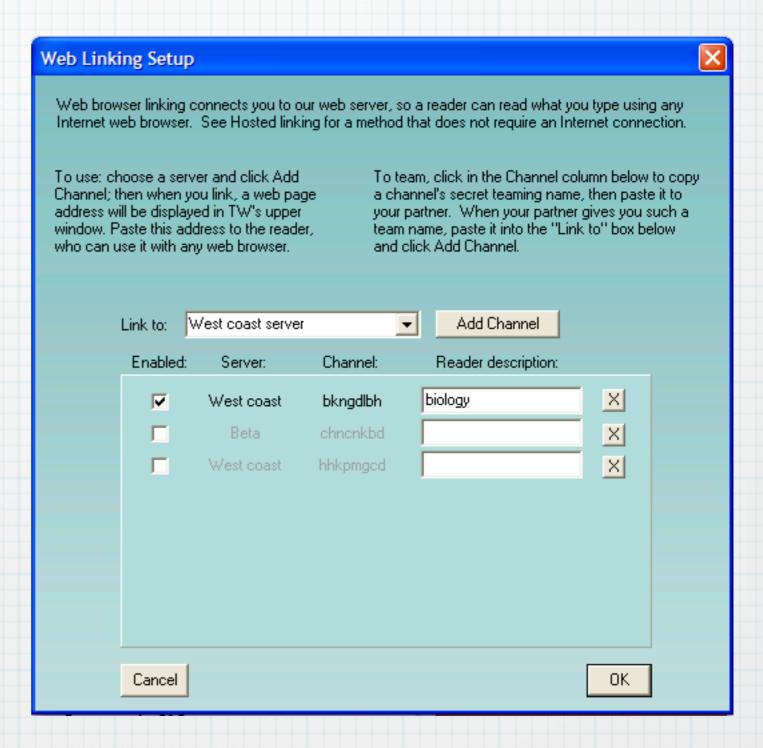
### Two Readers





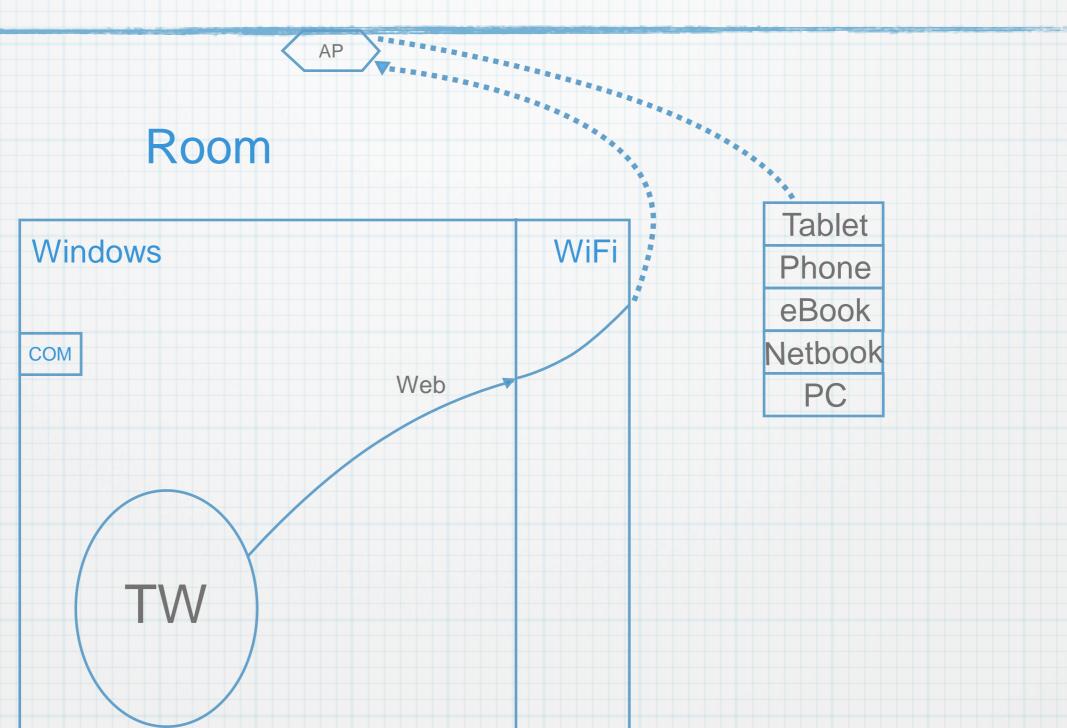


#### Web Channels

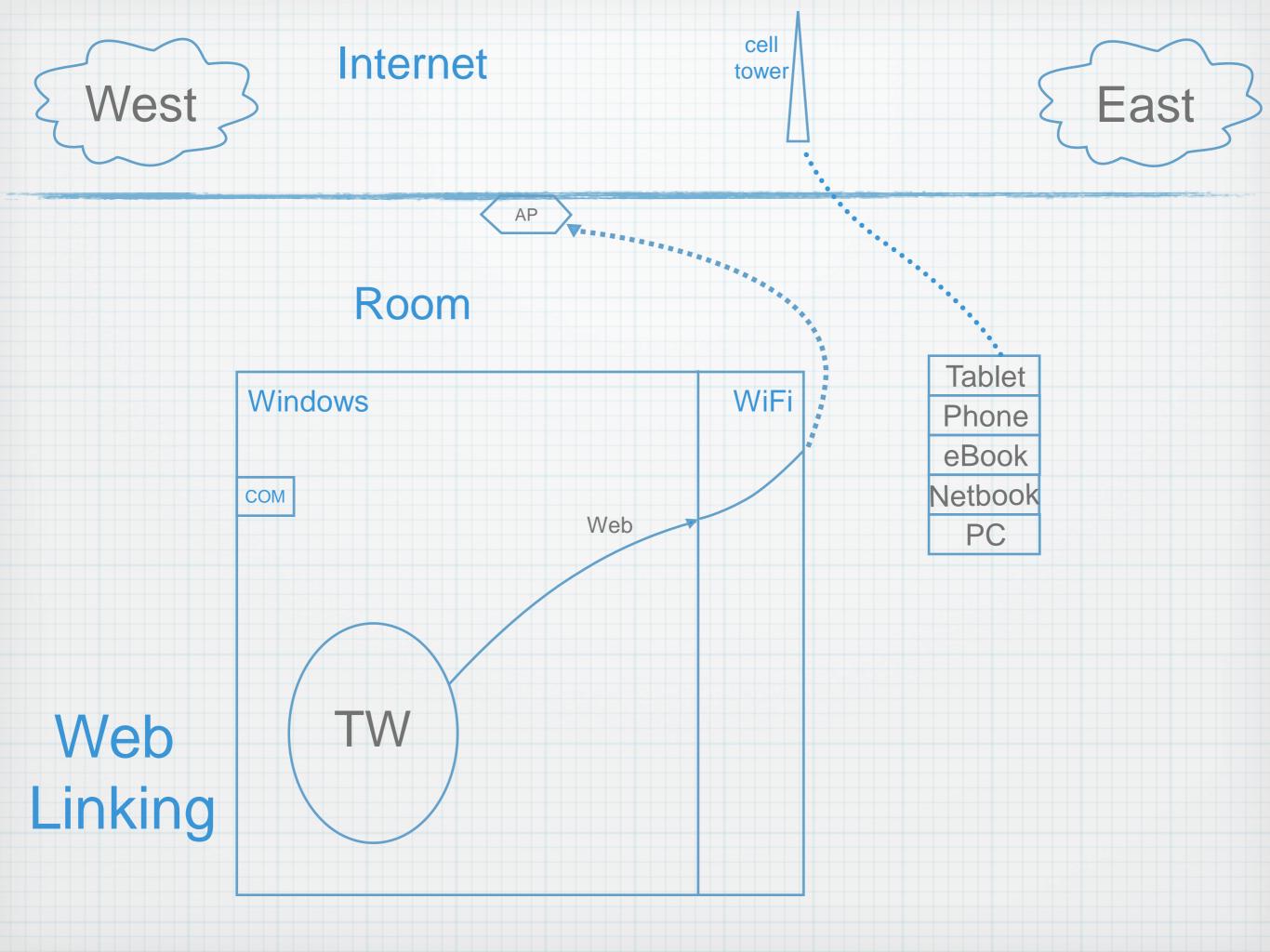




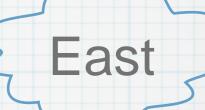


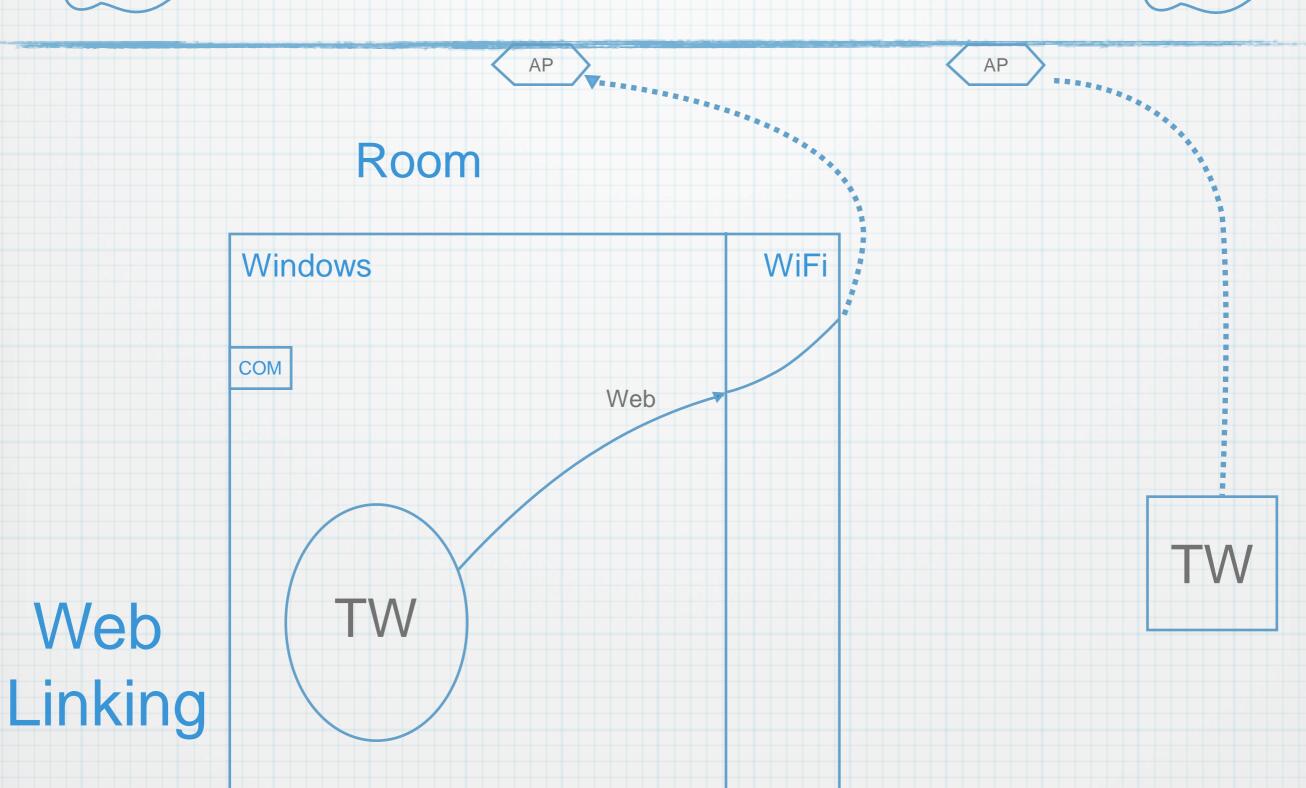


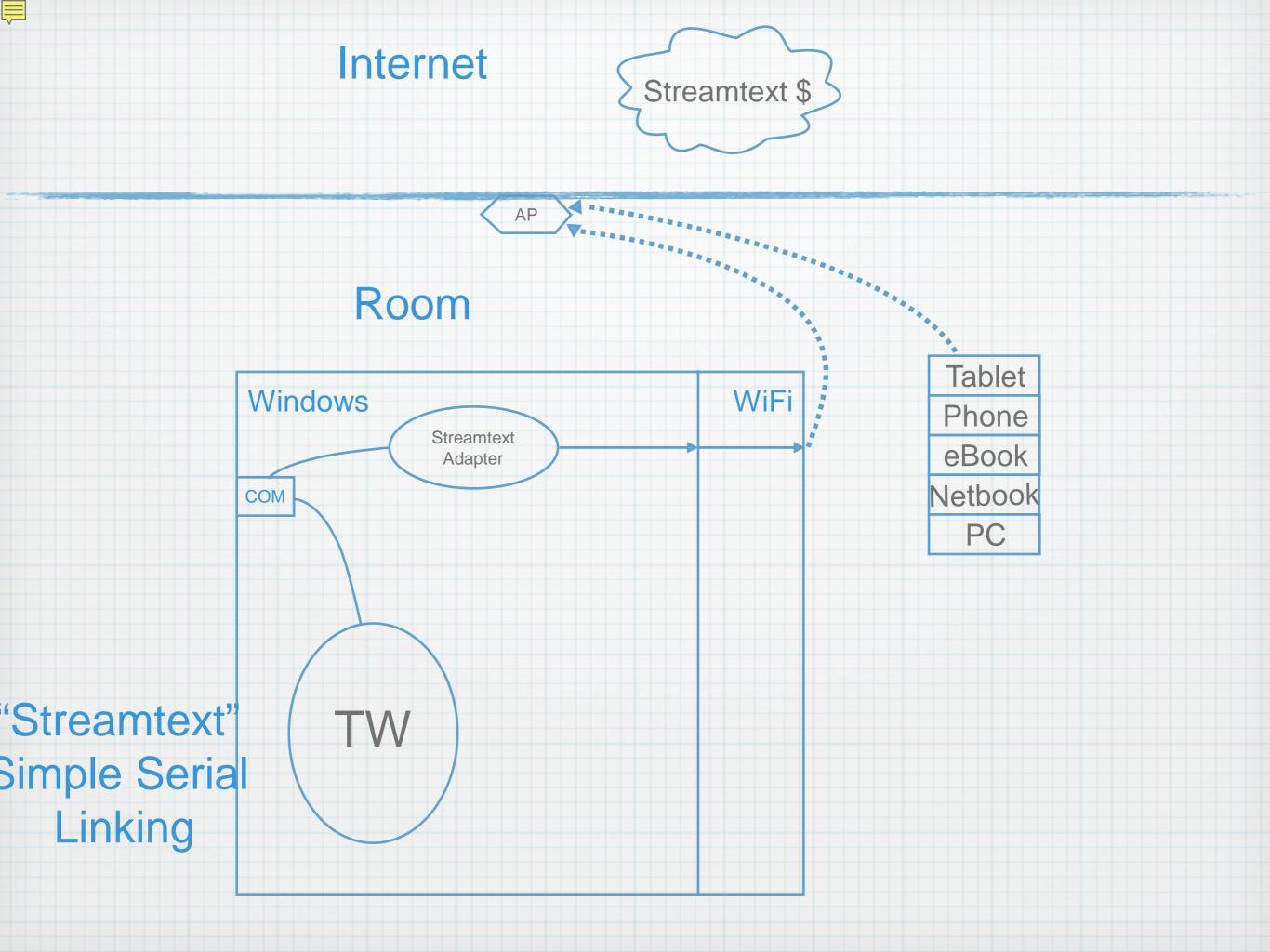
Web Linking







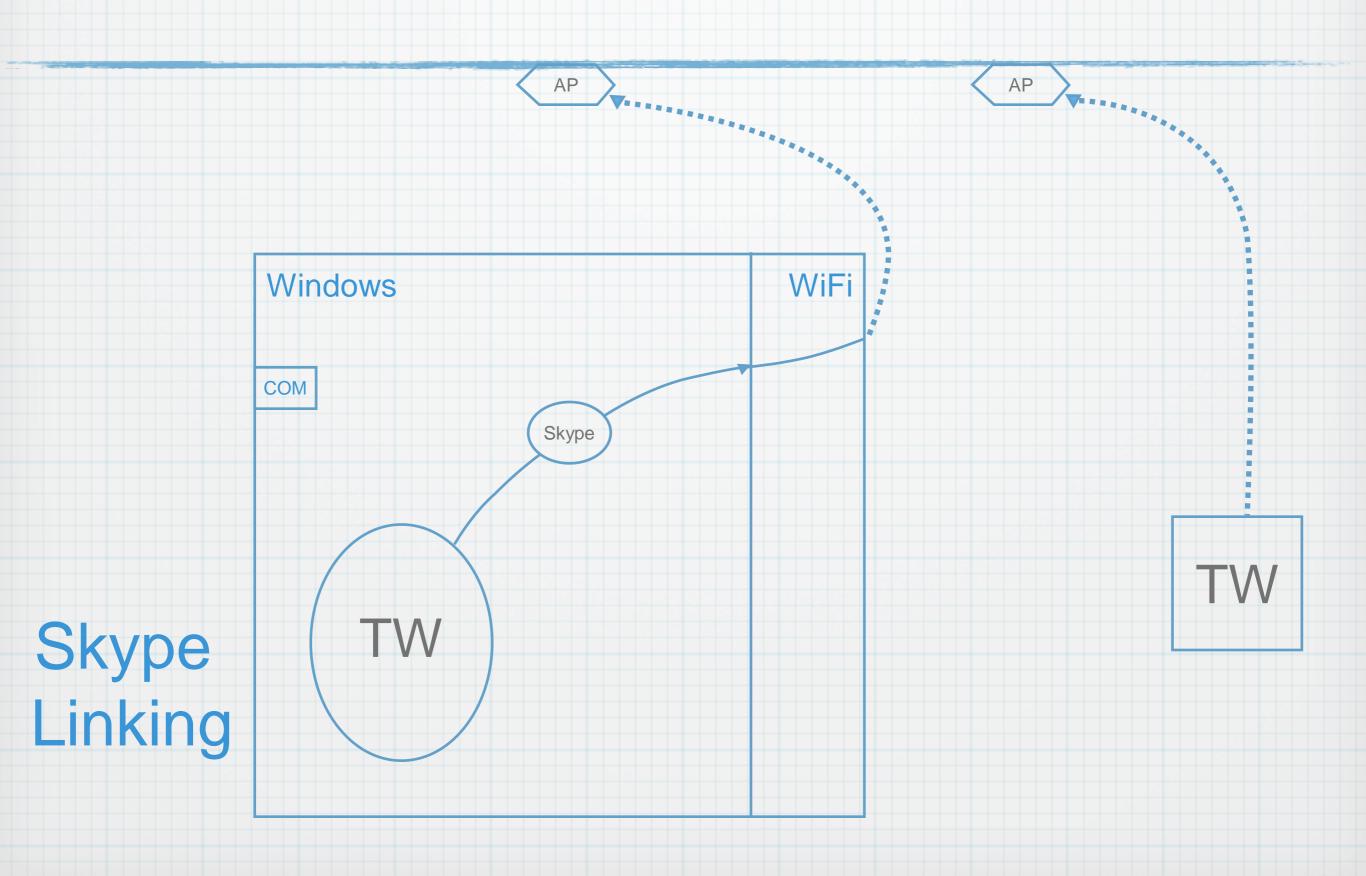


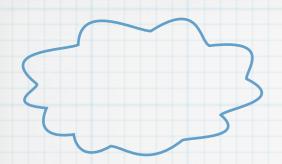


#### Protocols:

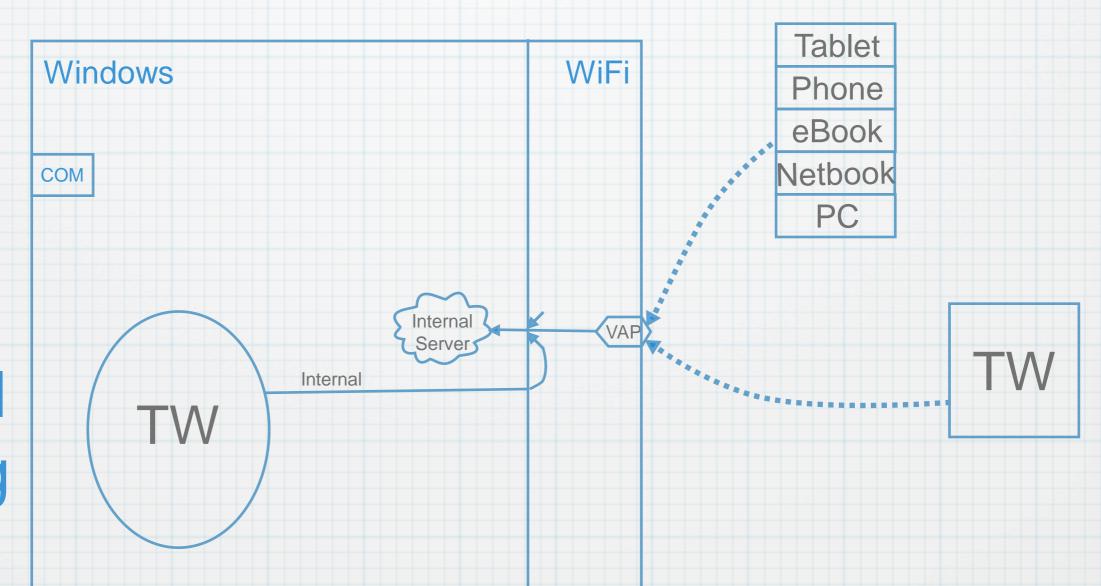
- \* a {bs}{bs} Ansimple apatetes statement of the position of th
  - •-> "A simple protocol"

- \* jcpl{back3} {back2select1} The{forward4}X {bs4}Omplex prtcl {bs3}Otocol {back2}.{forward2}
  - •-> "The complex protocol."
- \* {bold}, {pi}, {superscript}, etc.









Internal Linking (V7)

#### Common Issues

- \* p2p hard to install, or Reader hard to install, or want lPad:
  - \* Use Web linking
- \* Need math or bold or less expense with Streamtext:
  - Use Skype or Web linking
- \* p2p link drops out intermittently
  - \* Get stronger WiFi card
  - Use campus AP: Web or Local linking
  - \* If remote: use wired Ethernet instead of WiFi
- Can't use Web at a location
  - \* Use Local or p2p, or Internal (V7)

#### Uncommon Issues

- \* Readers can see what each other types:
  - \* Use Web, or Local with different channels.
- \* Need Internet at same time as TW:
  - \* Use Skype or Web linking, or an extra WiFi card.
- \* All letters are doubled in the transcript:
  - \* Turn off all links except the one you need.
- \* Need 20 readers at once
  - \* Use Web or Internal (V7) linking

## Key Points

- \* Windows connection, then TW link
- \* ipconfig and ping and IPs, oh my
- \* SSID Windows, then subnet/channel TW
- \* Web linking easiest and best
- \* Local or Internal otherwise

