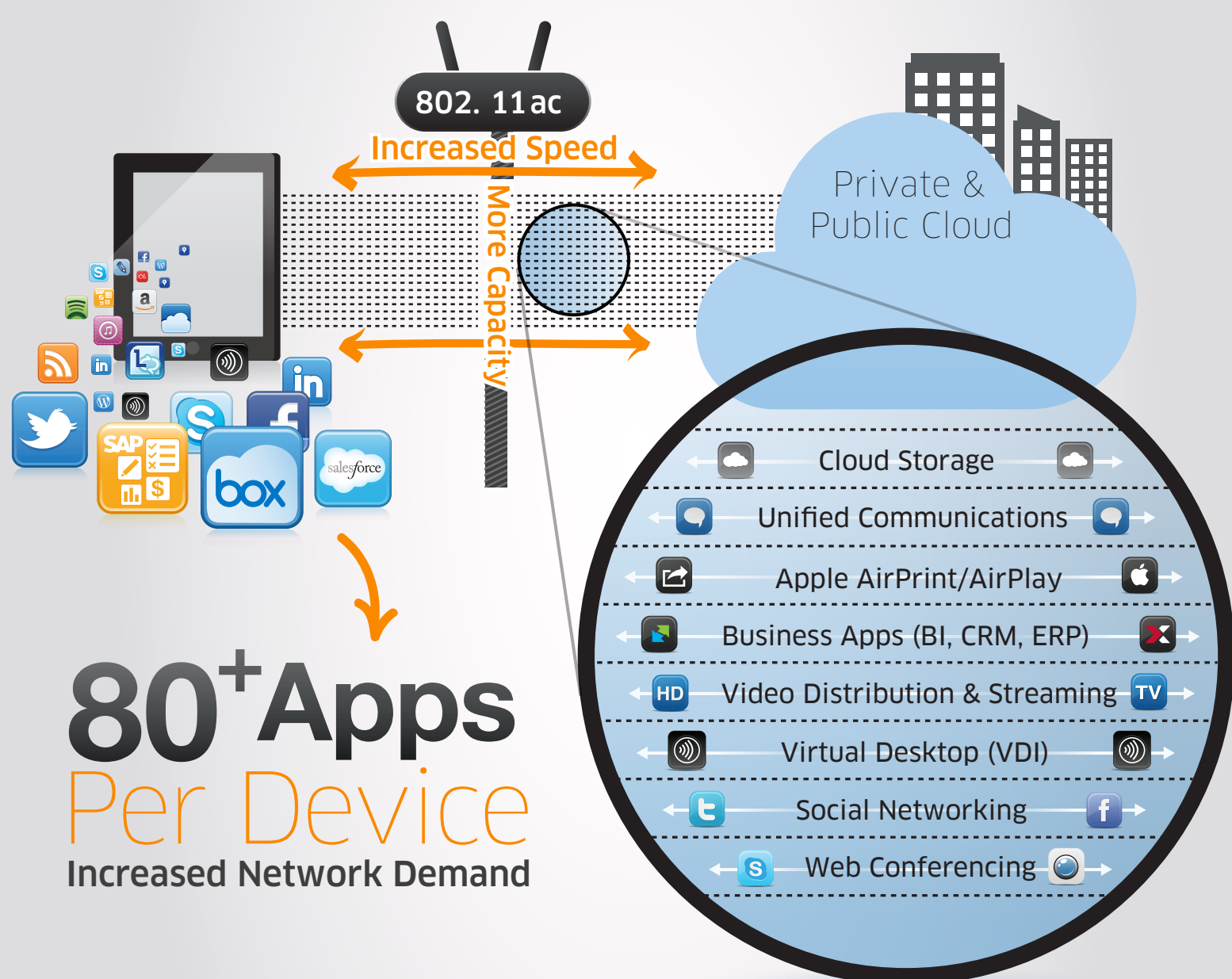


# 802.11ac: Gigabit Wi-Fi

Coming to a Device Near You!



**Faster**

1.3 Gbps 5GHz WiFi

**PoE+**

Requires for full functionality

**802.11ac**  
Factoids

Up to

**20%**

Greater range with  
Transmit Beamforming

## Data Rates for Mobile Devices

802.11n

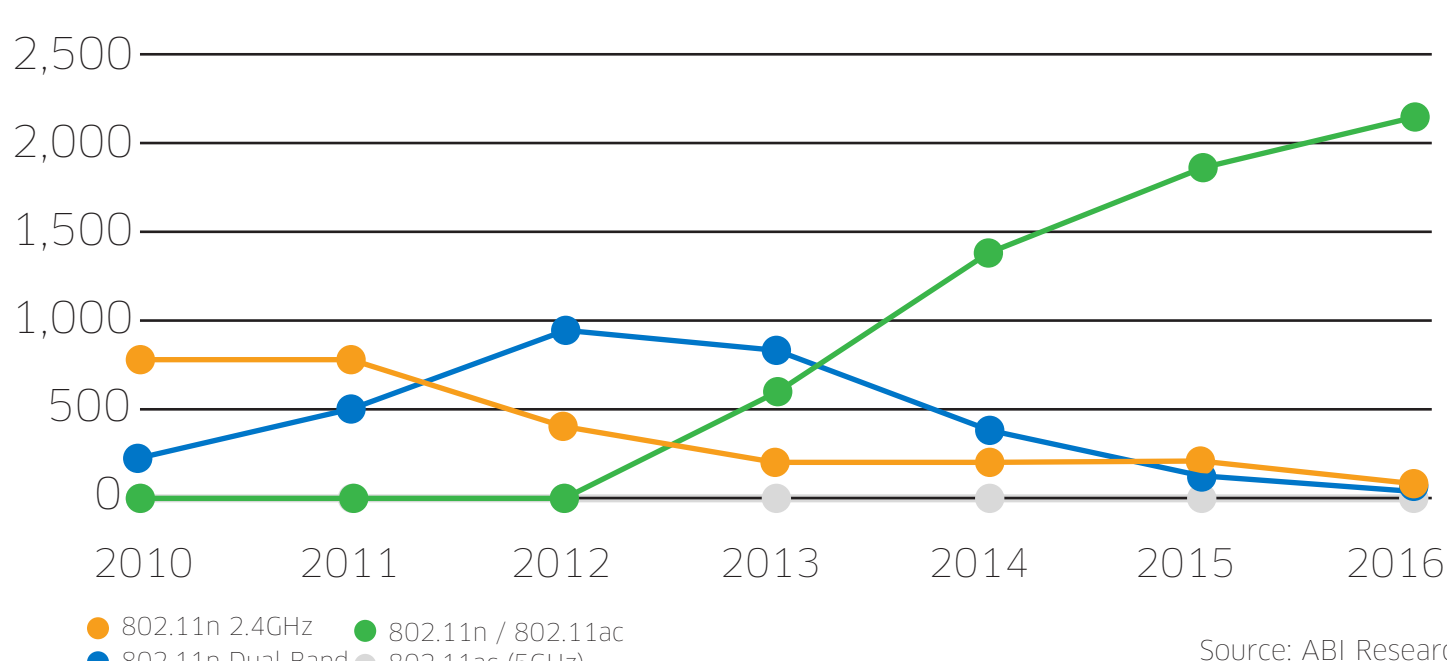
802.11ac

Device Type	802.11n		802.11ac		
	20 MHz	40 MHz	20 MHz	40 MHz	80 MHz
Smartphone (one stream) Mbps	75	150	87	200	433
Tablet (two stream) Mbps	150	300	173	400	867
Laptop (three stream) Mbps	225	450	289	600	1300

It is assumed that the mobile devices are fairly close to the access point.

## Over 2 billion 802.11ac devices by 2016

802.11ac Wi-Fi Chipset Forecast (in millions)



## Get Your Network Ready



Alcatel-Lucent  
Enterprise

