



aruba

a Hewlett Packard
Enterprise company

EXPERIENCING THE INTELLIGENT EDGE

Oguzhan EREN
HPE Aruba – Ulke Teknik Muduru

A modern office environment with large windows, people working at desks with computers, and a man standing and talking to a woman.

Smart
Workplace

A woman in a white tank top smiling while a customer's hand points at a tablet device in a store setting.

Smart Store

EDGE EXPERIENCES WHERE "SMART" MEETS "DIGITAL"

A man wearing a yellow hard hat and a red jacket looking at a smartphone in a factory setting.

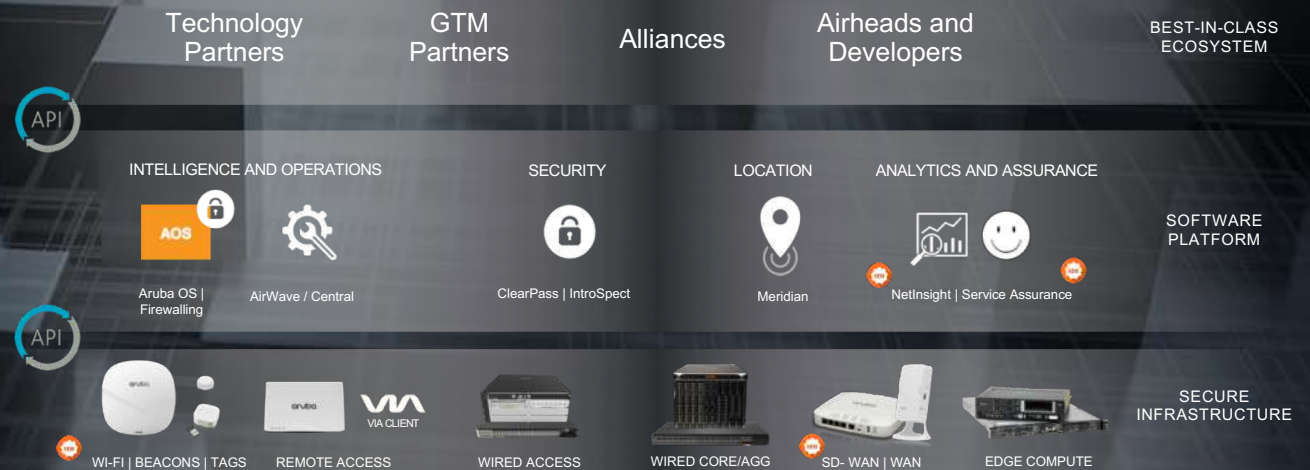
Smart
Manufacturing

Two women, one in blue scrubs and one in a striped shirt, interacting at a computer monitor in a hospital setting.

Smart
Hospitals

Powering the Experience Economy

ARUBA'S SOFTWARE-DEFINED EDGE PLATFORM



SECURE | SMART | ENTERPRISE SCALE

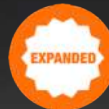
OUR LATEST ANNOUNCEMENTS

SMART INNOVATIONS FOR AN
AMAZING EDGE EXPERIENCE.



**802.11ax (Wi-Fi 6)
Access Points**

WPA3 & Enhanced Open
Zigbee and Bluetooth 5



**802.11ax-Ready
2930M Switches**

802.3bt



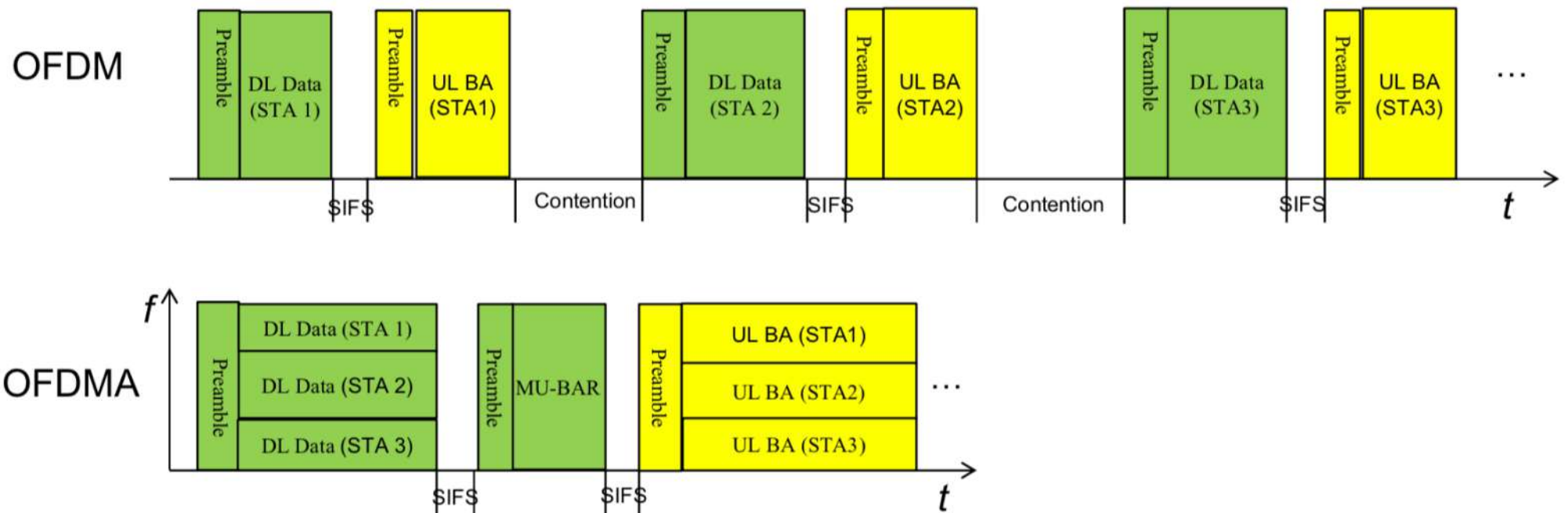
**NetInsight
AI-powered Automation &
Assurance**

Green AP



The Next Big Thing: 802.11ax

OFDMA



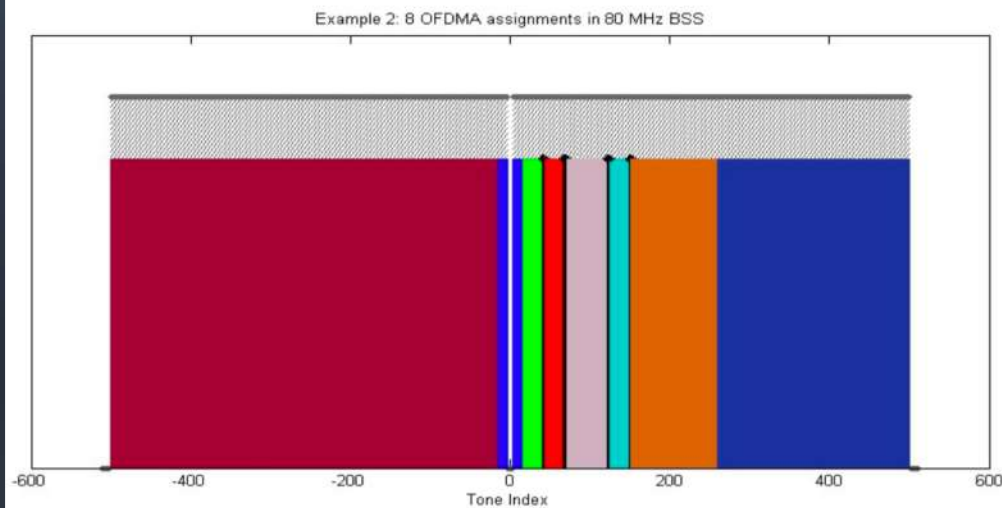
OFDMA=9Tx(20Mhz), 18Tx(40Mhz), 37Tx(80Mhz)



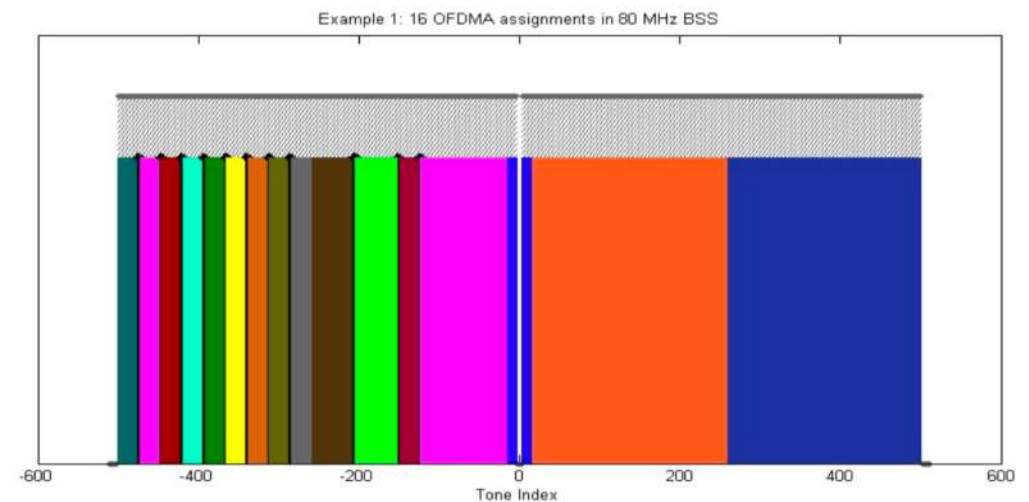
The Next Big Thing: 802.11ax

OFDMA=9Tx(20Mhz), 18Tx(40Mhz), 37Tx(80Mhz)

8 OFDMA assignments in 80MHz BSS



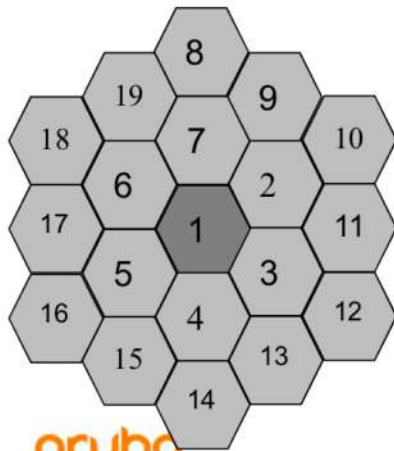
16 OFDMA assignments in 80MHz BSS



The Next Big Thing: 802.11ax

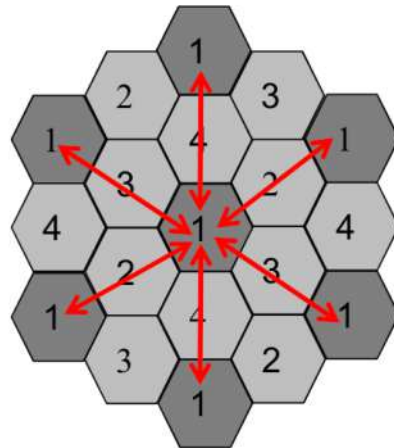
BSS Coloring

**Low Frequency Reuse
(w/ 20 MHz channels)**

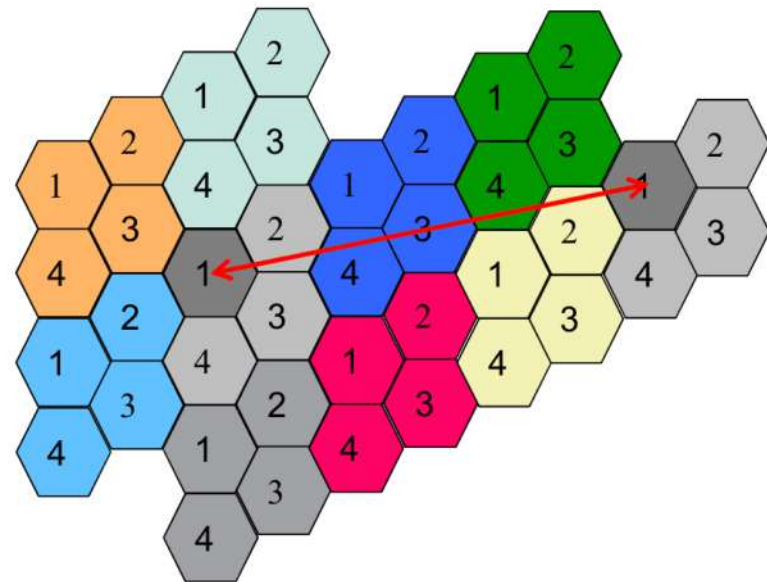


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**Increased Frequency Reuse (w/
80 MHz channels) -
All same-channel BSS blocking**



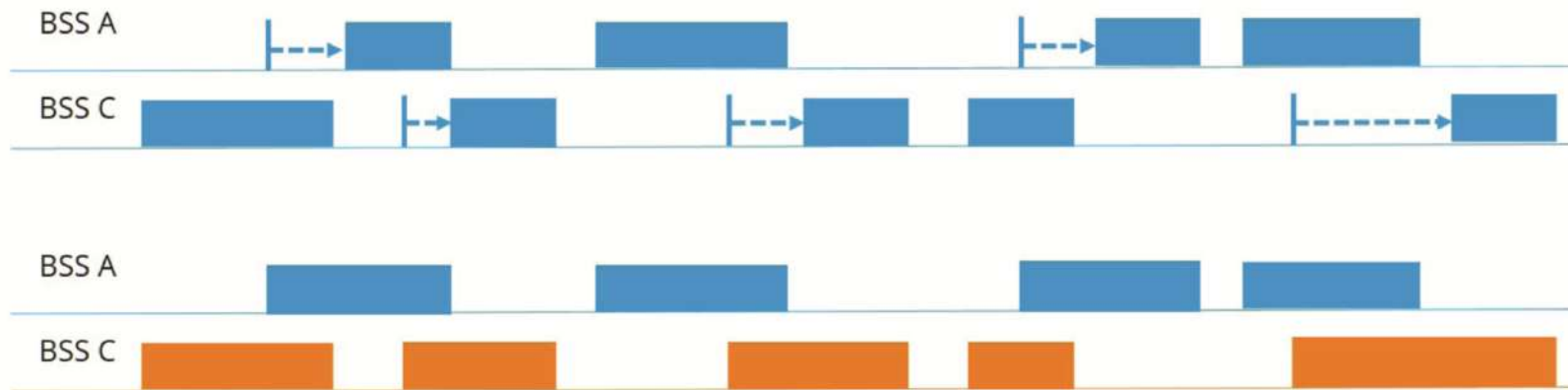
Same-channel BSS only blocked on Color Match



30

The Next Big Thing: 802.11ax

BSS Coloring



All transmissions defer to members of both BSS's: one packet at a time

Transmissions within a BSS can proceed simultaneously with transmissions in other BSS's

Program

Sure	Saat	Baslik	Konusmaci
60dk	09:00 - 10:00	Hosgeldiniz, Kahvalti	
60dk	10:00 - 11:00	HPE Aruba - Son Yenilikler - 802.11ax	Oguzhan EREN
15dk	11:00 - 11:15	Kahve Arasi	
75dk	11:15 - 12:30	Aruba Guvenli Switching - Sunum ve Canli Demo	Semih Kavala
75dk	12:30 - 13:45	Ogle Yemegi	
40dk	13:45 - 14:25	Guvenligin Kalbi - Aruba ClearPass ve IntroSpect	Yasin Fakili
30dk	14:25 - 14:55	Tek Noktadan Dagitik Aglarin Yonetimi - Aruba Instant - Aruba Central	Hasan Huseyin Unlu - Neteks
15dk	14:55 - 15:10	Kahve Arasi	
45dk	15:10 - 15:55	AOS8'de Buyuk Yenilikler - Sunum ve Canli Demo	Oguzhan EREN - Metin Sonmez
15dk	15:55 - 16:10	Kahve Arasi	
50dk	16:10 - 17:00	Yogun ve Karmasik Ortamlarda WiFi Calistirmak	Baha Dericiogullari
15dk	17:00 - 17:15	Soru-Cevap ve Kapanis	Tum Konusmacilar - Soru Cevap



AIRHEADS
meetup

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Tesekkurler