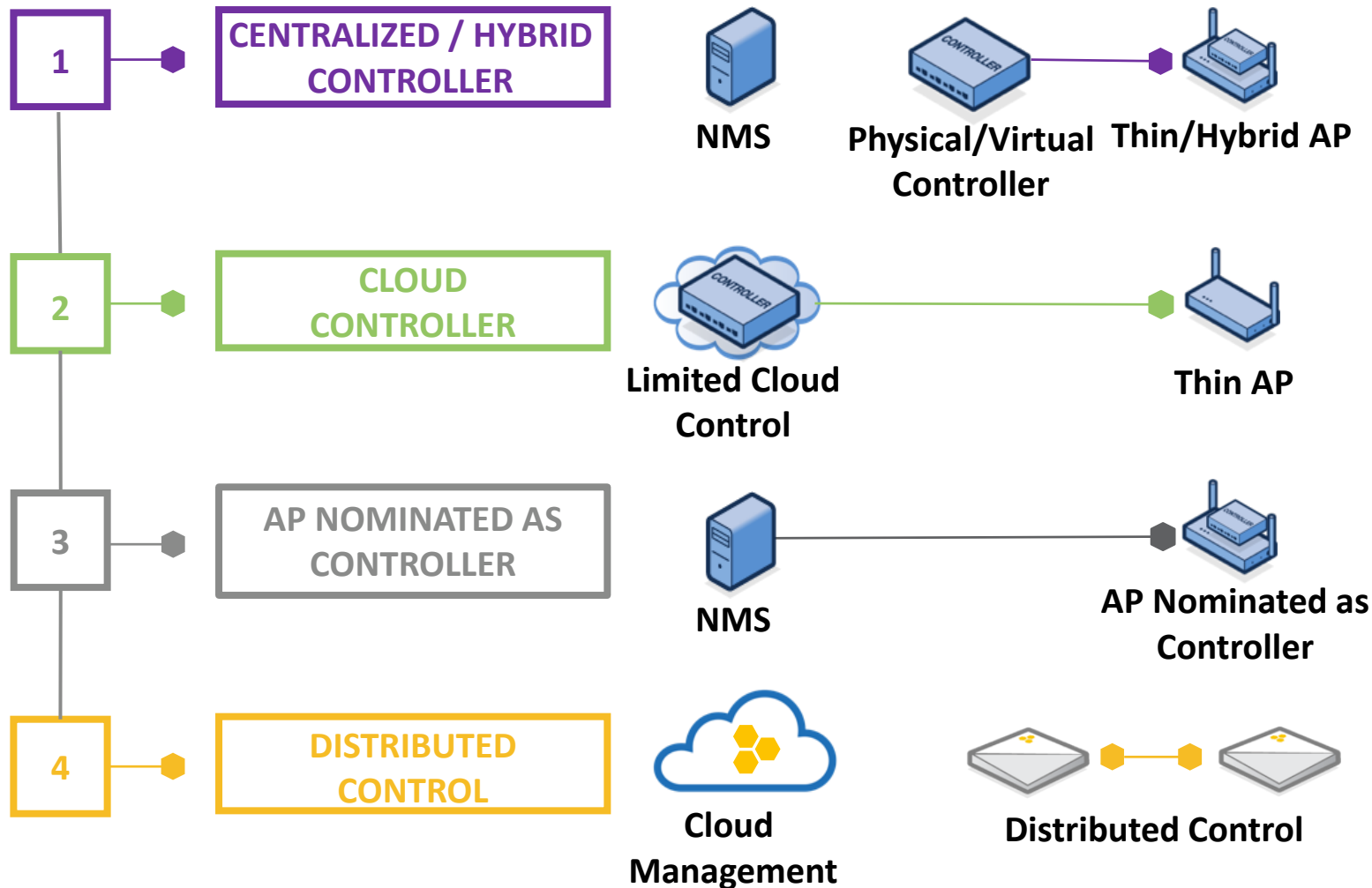


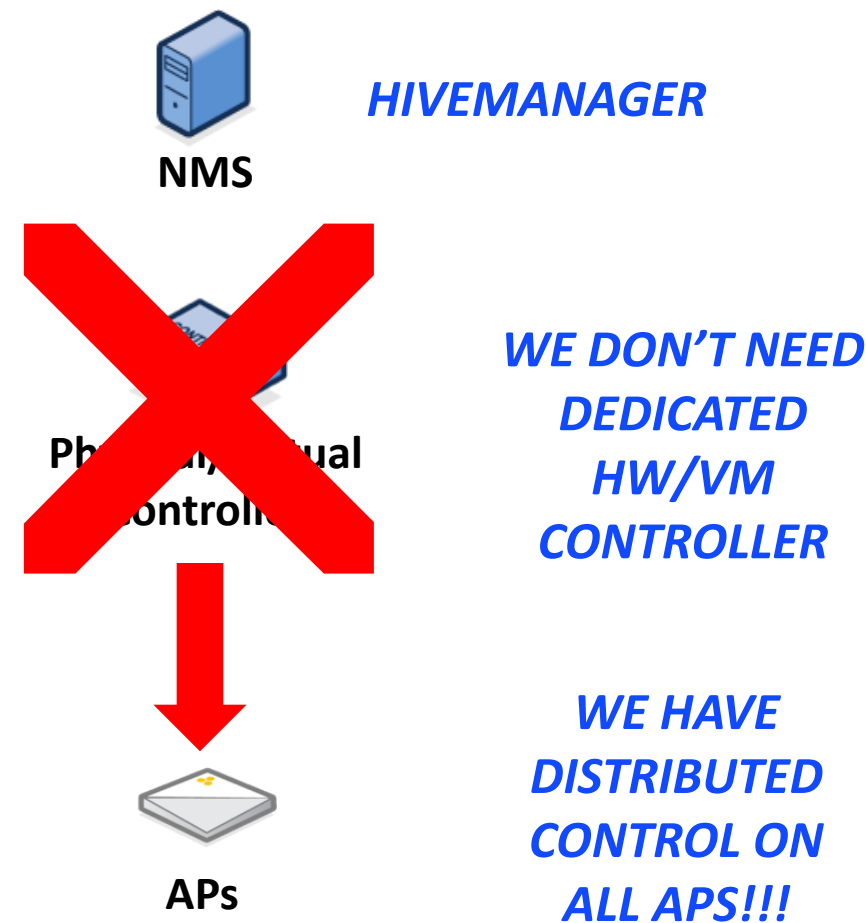
A mobilidade em sua arquitetura inovadora e distribuída, AI e ML

Roger Funari

Aerohive Networks



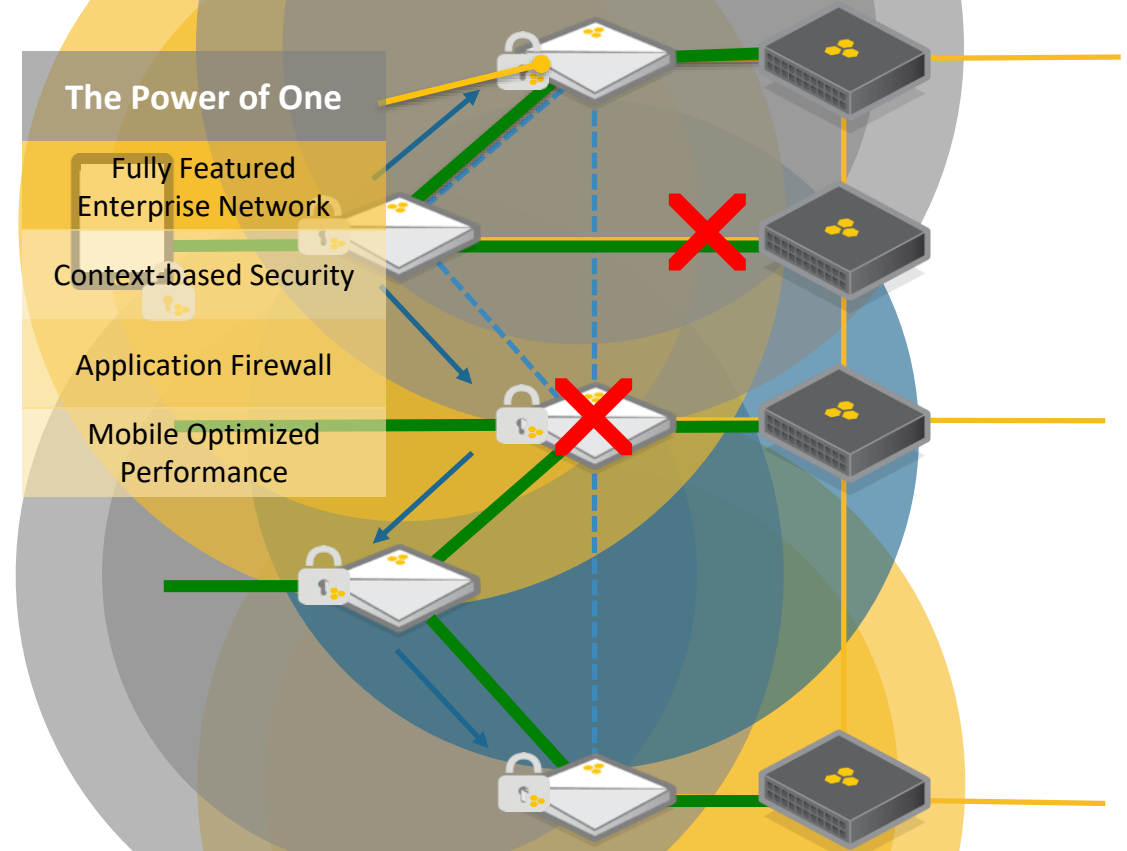
AEROHIVE VS MARKET IN DETAILS

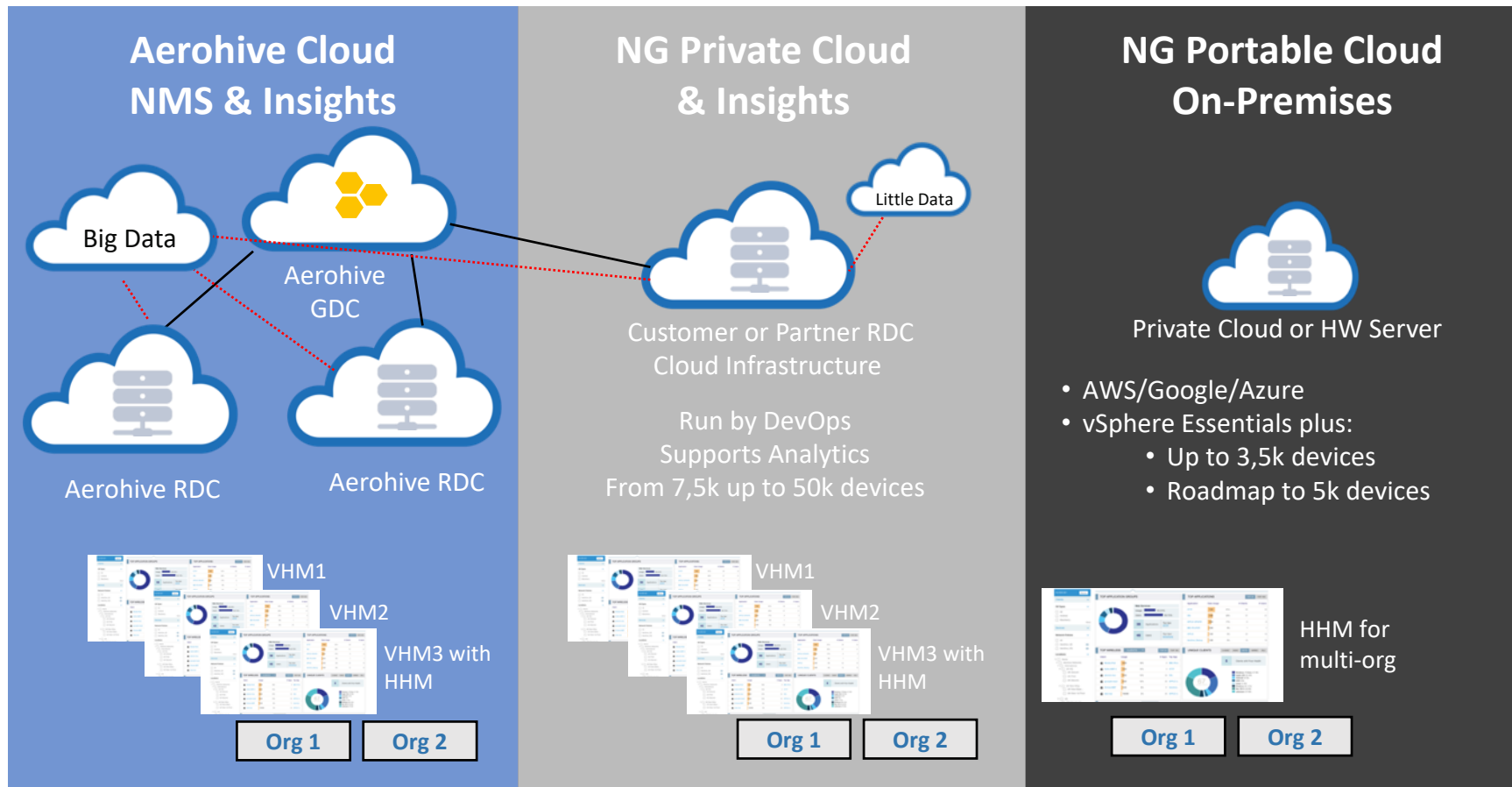


Smarter Access Layer



- Shared control plane increases speed, resiliency, and scale
- No need for dedicated wireless LAN Controllers

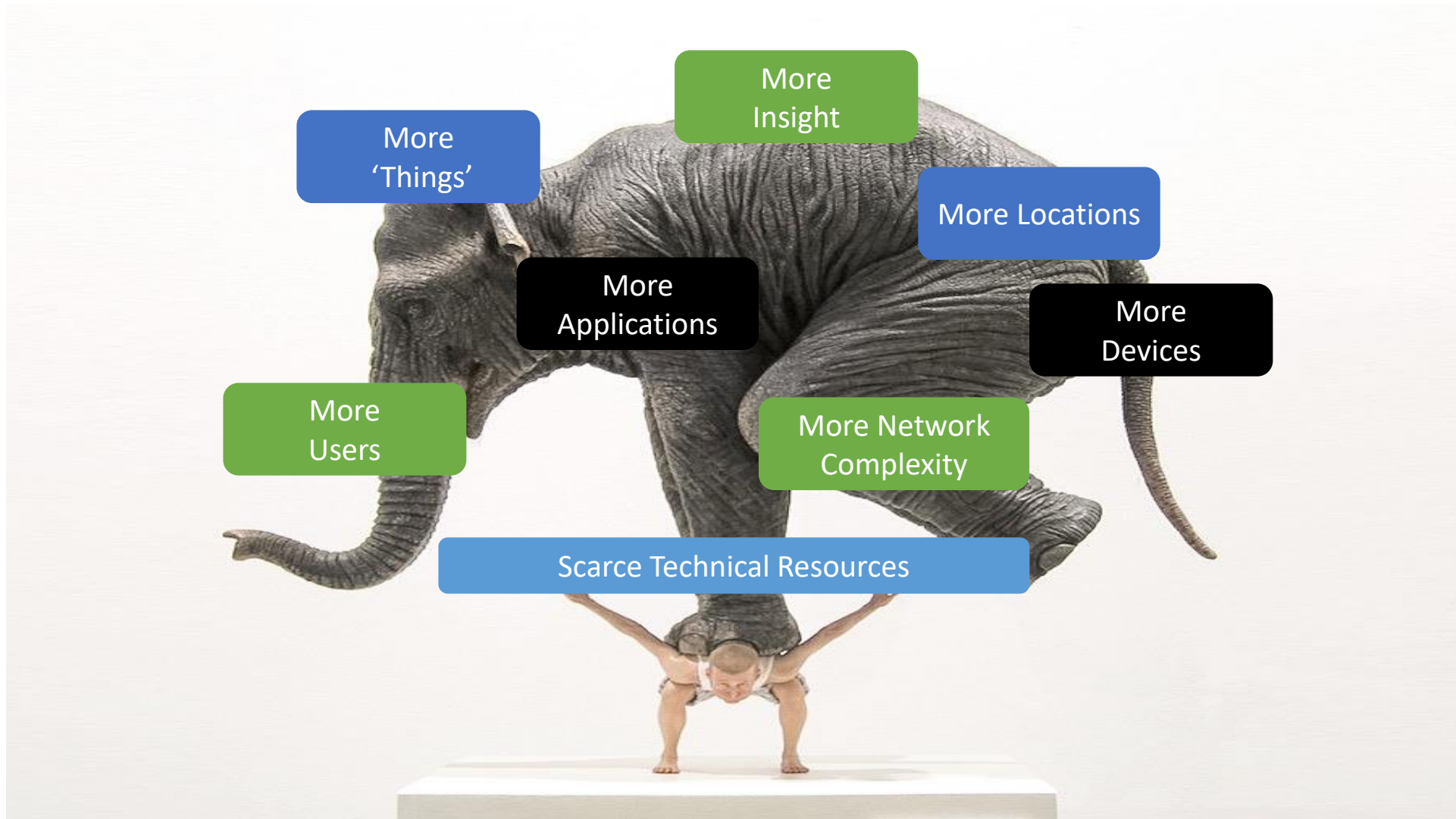






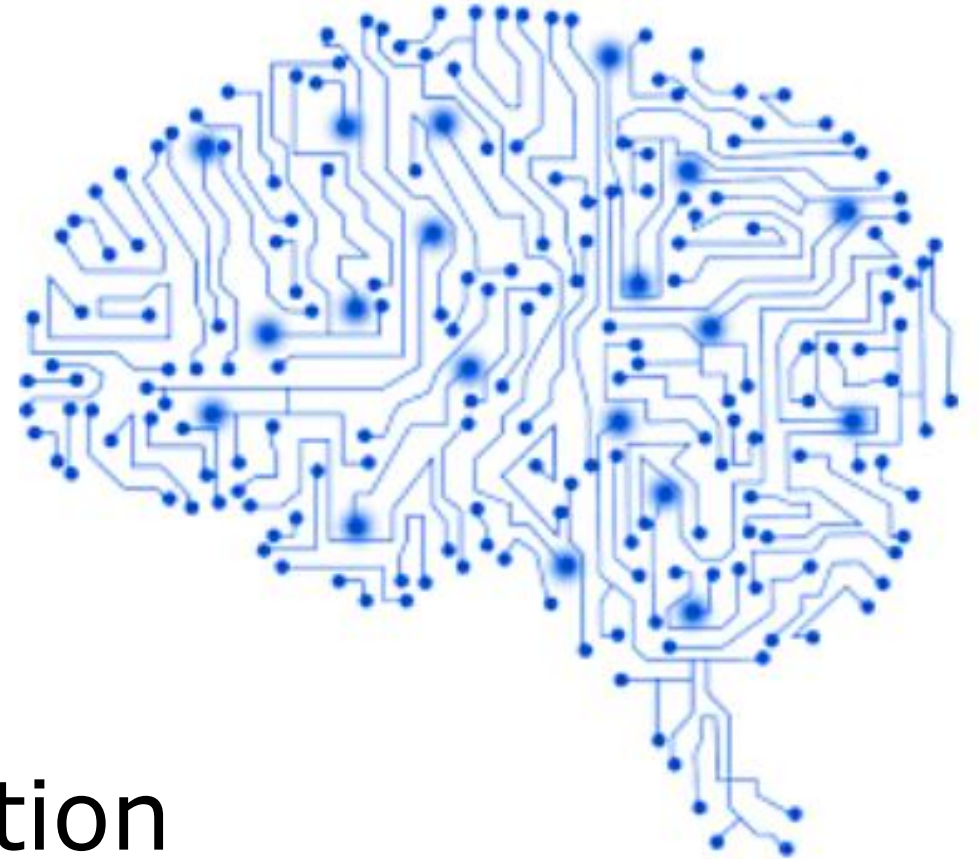
- Connectivity
- Stability
- Performance
- Security

BUT IT GUYS ARE LIKE THAT...





- Is proactive
- Identify LAN issues
- Do the IoT classification
- Detect poor client connection



ML/AI - CLIENT 360 COMPAR. HEALTH SCORE

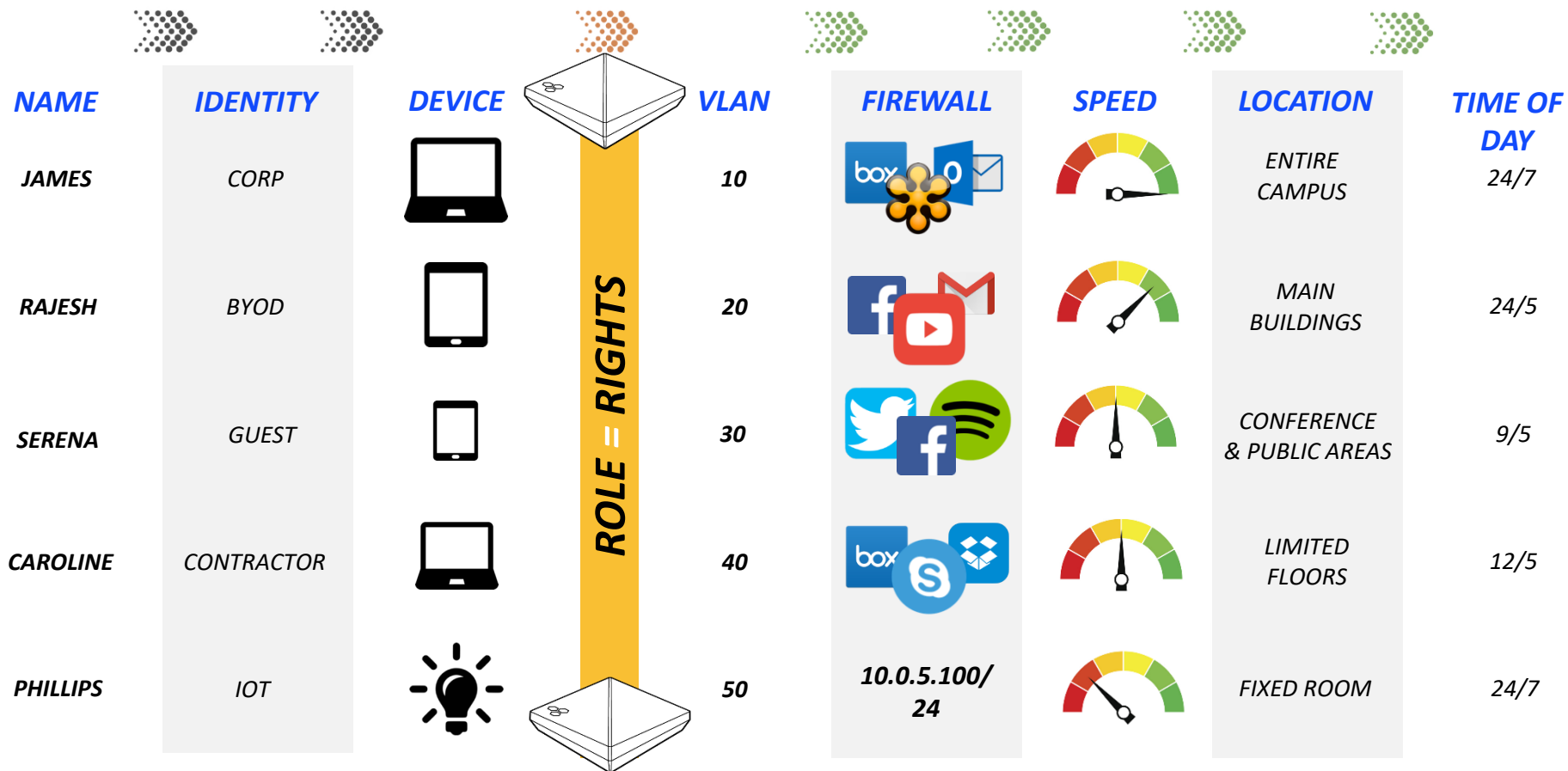


Client Trail



DEVICE NAME	DURATION	RSSI	SNR	SSID	ROAM	ASSOC	AUTH	DHCP	DEFAULT GATEWAY ARP	DNS
> US-MIL-1-05	<u>17 Secs</u>	<u>Excellent</u>	<u>Very High</u>	SSID-A	50 ms	●	●	●	●	●
∨ US-MIL-1-05	<u>2 Hrs 4 Mins 58 Secs</u>	<u>Excellent</u>	<u>Very High</u>	SSID-A	50 ms	●	●	●	●	●
● ASSOCIATION	Duration: 3 Secs RSSI: Excellent -56 dBm SNR: Very High 39 dB									
● AUTHENTICATION	Protocol: PPSK Response Time: 2 ms Status: PASS									
● DHCP	Server IP Address: 10.10.10.0 Response Time: 2 ms IP Address Obtained: 10.10.1.1									
● DEFAULT GATEWAY ARP	Round-trip Delay: 2 ms Default Gateway IP Address: 10.10.1.2									
● DNS	Server IP Address: 10.10.2.2 Response Time: 2 ms									
> US-MIL-1-12	<u>39 Secs</u>	<u>Poor</u>		SSID-A	45 ms	●	●	●	●	●
> US-MIL-1-03	<u>21 Mins 46 Secs</u>	<u>Poor</u>		SSID-B	50 ms	●	●	●	●	●
> US-MIL-1-09	<u>1 Secs</u>	<u>Very Good</u>		SSID-A	2999 ms	●	●	●	●	●
> US-MIL-2-05	<u>36 Mins 2 Secs</u>	<u>N/A</u>		SSID-A		●	●	●	●	●

ML/AI – USER PROFILING



Radio 1

Radio 2



5
GHz

Software
Configurable
Radios

5
GHz

Obrigado(a)
Roger Funari
rfunari@aerohive.com
+55 11 98112-4477
Skype: rogerfunari