

NETGEAR®

**Soluciones
Wireless**



Comparativa modelos de gestión

Typical	Standalone 	Ensemble 	Controller 	Bus Central 
Tamaño de cliente	pequeño < 10 ppl	Pequeño-mediano 10 - 50 ppl	Mediano-grande 50 - 1000 ppl	Pequeño-mediano múltiples sites
Tipo de cliente	SOHO	SMB, clínicas, retails, ocio...	Escuelas, empresas, industria, hoteles	Retail. Cadenas de ocio o de oficinas distribuidas
Conocimientos	ninguno	Limitado	alto	Limitado en el site, alto en central
# de ubicaciones	1 pequeña	1 a pocas	1 grande	Varias pequeñas
Movilidad	Limitada	Limitada	Dinámica	Limitada
# de AP's	1	Hasta 10	Hasta 200	< 5

Controller Key Comparison



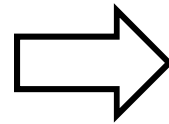
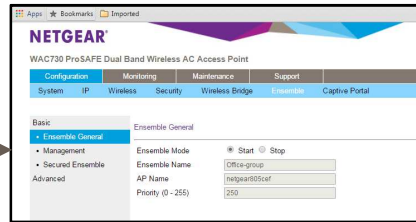
	WC7500	WC7600	WC9500
Max number of APs for a single controller	15	50	200
Default number of APs	10	2	2
Redundancy mode	Standalone	N+1	N+1
Stacking mode	Standalone	Up to 3	Up to 3
Max number of APs for a cluster	15	150	600
Dimensions (LxW)	17.34 x1.7 in 440 x 43 mm	17.34 x 1.7 in 440 x 43 mm	17.34 x 1.7 in 440 x 43 mm
Depth	10.3 in 262 mm	16.9 in 430 mm	16.9 in 430 mm
Optional controller license	WC05APL-10000S	WC05APL-10000S WC10APL-10000S	WC05APL-10000S WC10APL-10000S WC50APL-10000S WC100APL-10000S WC200APL-20000S

Ensemble Mode

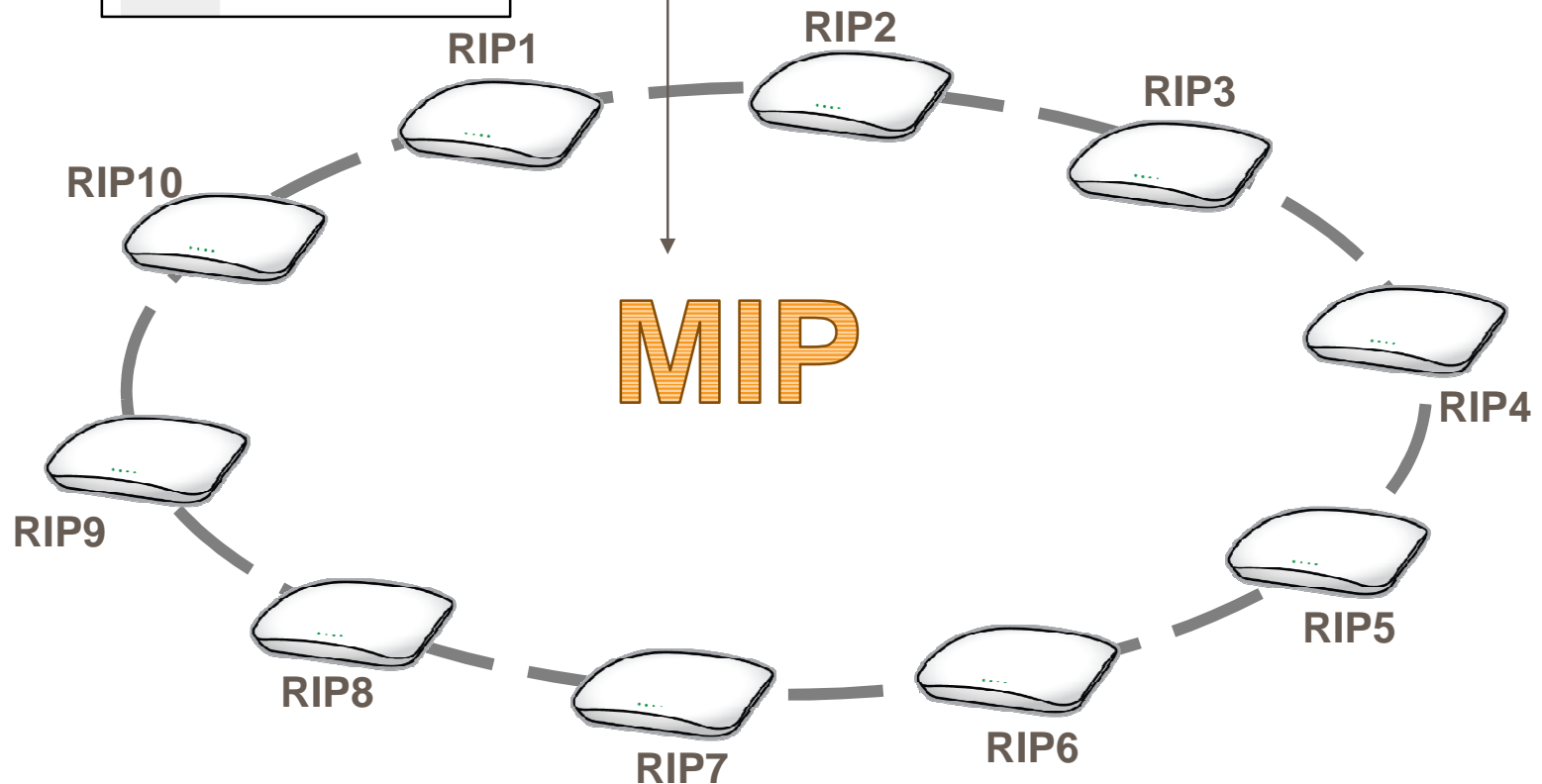
Single IP Management



Management IP (MIP)



Configurations
Dynamic RF
Automatic AP power settings
More...



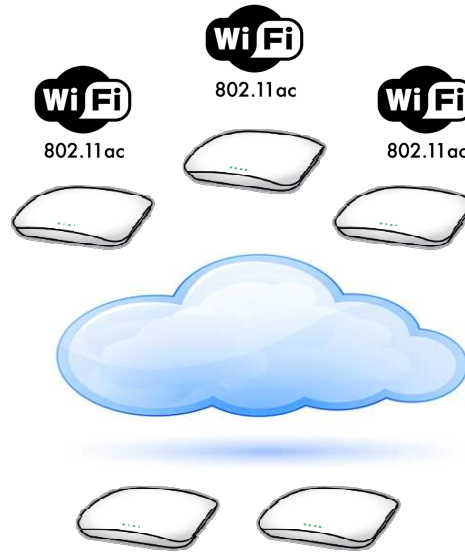
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Business Central 2.0

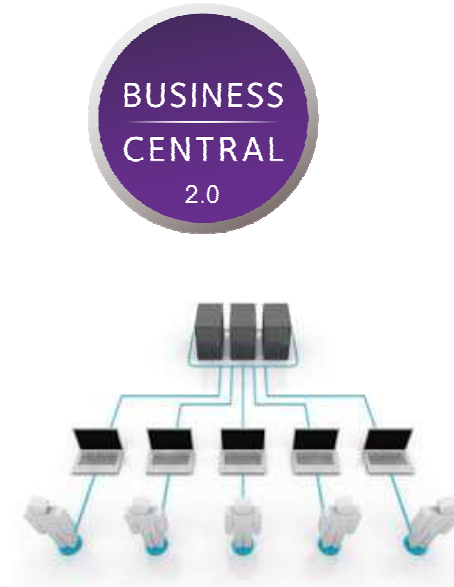


Mobile Access

Multi-Lingual Info Landing Page



WAC720 & WAC730



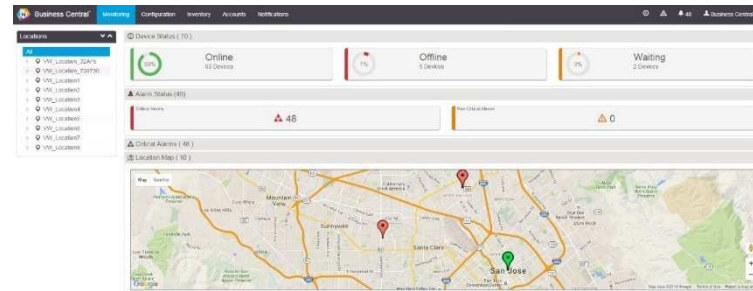
Multi Tenancy

Rate Limiting

Monitorización



- Intuitive at-a-glance dashboard
- Granular location based status
- Proactive alerts and alarms
- Consistent real time information



- Detailed client monitoring stats
- Summarized AP based usage
- Real time and historical trend
- Complete network status



Gestión Multi-Tenant



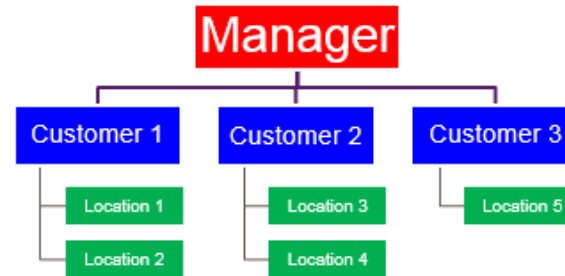
Manager Account

Customer Account 1

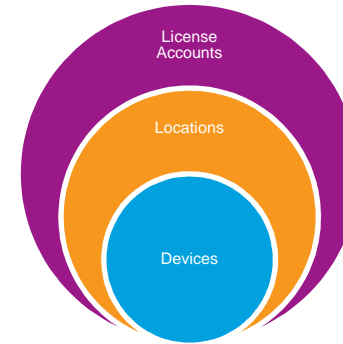
Customer Account 2

Customer Account 3

↑
Various Locations



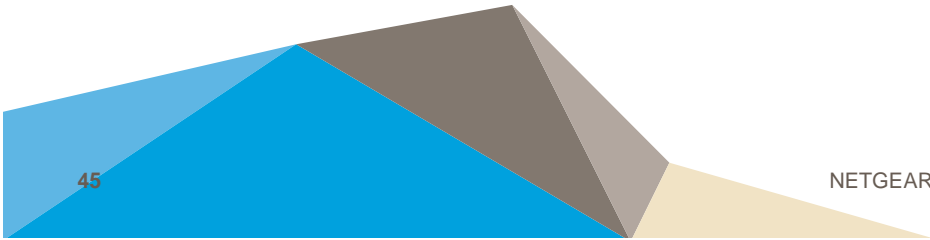
Licenciamiento por cuentas



The screenshot shows the 'License Accounts' section in the NETGEAR Business Central web interface. It displays two accounts: 'My First Account' and 'Daisy Darcy'. 'My First Account' has 85 trial days remaining and a trial end date of May 12, 2016. It is associated with 2 locations, 1 device, 1 license, and 2 collaborators. A license with ID 1007009048205774788119 is listed with an 'Add License' button. 'Daisy Darcy' has 0 credits available, a renewal date of Feb 17, 2016, and 0 credits used per day. It is associated with 1 location, 0 devices, 0 licenses, and 0 collaborators. Another 'Add License' button is visible for this account.

Licencias asociadas a cuentas

Una vez añadida la licencia a una cuenta esta no se puede cambiar a otra



Subscripción basado en licencias

SKU	Description	PVPr
WM1AP1YL-10000S	Cloud WLAN Mgmt 1 AP 12 months	79€
WM1AP3YL-10000S	Cloud WLAN Mgmt 1 AP 36 months	179€
WM10AP1YL-10000S	Cloud WLAN Mgmt 10 AP 12 months	794€
WM10AP3YL-10000S	Cloud WLAN Mgmt 10 AP 36 months	1787€
WM50AP1YL-10000S	Cloud WLAN Mgmt 50 AP 12 months	3.971€
WM50AP3YL-10000S	Cloud WLAN Mgmt 50 AP 36 months	8.935€

Product Portfolio (2016)

SOHO



WAC120

Standalone AP
Simple
Basic security

Business



WAC710
WN370
WNDAP360
WNAP320

Simple setup
Wall mount
Cost effective

New

Premium



WAC720
WAC730
WAC740 *New*

802.11ac
Advanced Security
Performance
Quad Mode



INTERNATIONAL DESIGN
EXCELLENCE AWARDS '12

Outdoor



WND930

2x2 802.11n
Dual Band
Multi-BSSID
Weather hardened

Indoor

Outdoor

WAC730 3x3 y WAC720 2x2 Puntos de Acceso Dual Band 802.11ac

WAC730



WAC720



Mayor rendimiento para empresas pequeñas y medianas en las que con 802.11ac pueden acceder a conexiones agregadas de hasta 1.7 Gbps de throughput

WAC730 - 450 Mbps en 2.4 GHz y 1.3 **Gbps** 802.11ac en 5 GHz

WAC720 - 300 Mbps en 2.4 GHz y 867 **Mbps** 802.11ac en 5 GHz

Diseñado para:

- *Pequeña y medianas empresas*
- Escuelas y centros de estudios con capacidad de gigabit para aplicaciones multimedia
- Centros de hostelería con necesidades de mayor rendimiento wireless y capacidad
- Centro de ocio e industria con conexiones más seguras y tolerante a entornos de ruido o interferencias

ProSAFE WAC720 & WAC730

Product Specifications



	WAC720	WAC730
Radio	Dual Band 802.11ac Wave1	Dual Band 802.11ac Wave1
2.4 GHz Max PHY rate	2 x 2 : 300 Mbps	3 x 3 : 450 Mbps
5 GHz Max PHY rate	2 x 2 : 867 Mbps	3 x 3: 1.3 Gbps
# of Ethernet ports	1 x 1G	1 x 1G
Enclosure	Smaller/slimmer (40%)	Smaller/slimmer (40%)
Powered-in	802.3af	802.3af
Internal antennas	Yes	Yes
External take-offs	Dual band 2.4/5 GHz (2)	Dual band 2.4/5 GHz (3)
Kensington / Wall Mount	Yes	Yes
Beamforming	Yes	Yes
Multi-User MIMO	No	No
Wireless Security	WEP, WPA, WPA2, Radius	WEP, WPA, WPA2, Radius
Management	Standalone, Ensemble, Cloud*, WC7600/9500	Standalone, Ensemble, Cloud*, WC7600/9500
Warranty	Lifetime	Lifetime

*via software updates Q116

Product Highlights (WAC740)



	WAC740 ProSAFE 802.11ac
Radio	Dual Band 802.11ac Wave2
2.4 GHz max PHY rate	4 x 4 : 600 Mbps
5 GHz max PHY rate	4 x 4 : 2.6 Gbps
# of Ethernet ports	2 (1x1G, 1x2.5G) with 2.5G (NBase-T)
Enclosure	New smaller and slimmer form factor
Powered-in	802.3at / 802.3af
Internal antennas for 2.4/5 GHz	Yes
External antenna take-offs	Dual band 2.4/5 GHz (4)
Kensington Lock and Wall Mount	Yes
Beamforming	Yes
Multi-User MIMO	Yes
Layer 7 Inspection	Stretch
Wireless Security	WEP, WPA, WPA2, Radius
Management	WC7600/9500
Warranty	Lifetime

Wave 2 11ac and Multigigabit Ethernet



After



802.11ac Wave 2 Wi-Fi Access Point

Up to 2.34 Gbps Wireless Throughput



2.5 Gigabit Per Second
2.5G NBASE-T RJ45



PoE+
30W 802.3at

NETGEAR

What is NBASE-T Multi-Gigabit Ethernet



+ Addressing Gigabit bottleneck problem

- >75% of WW installed base is CAT5e / CAT6 up to 100 meters (BSRIA NGEABT IEEE Jan 2015 data)
- 10GBASE-T cannot work over vast majority of installed base
- New CAT6a (or better) cable run can reach \$300 per cable including labor
- 10GBASE-T can't be the solution for Wave 2 access point deployments

+ Why would you deploy Wave 2 access points if you won't be able to adequately support them with your current network?

+ Multi-Gigabit is a game changing innovation

- Enables 2.5 and 5Gbps up to 100m on legacy CAT 5e and CAT6 cables
- Backward compatible with 1G – and even Fast Ethernet
- 1000BASE-T IEEE standard compliant



NBASE-T™
ALLIANCE

NETGEAR®

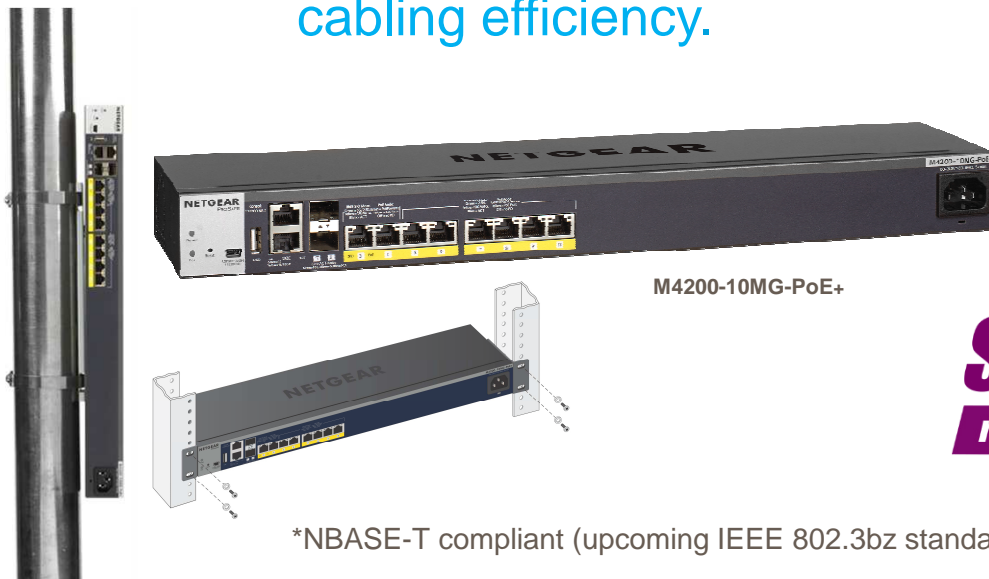
ProSAFE® M4200 Intelligent Edge Series

Full Power PoE+ 8x2.5G and 2x10G Aggregation Switch For Wave 2 11ac AP Deployment



Eight full power PoE+ and multi-speed 1G, **2.5G ports** combined with **two 10G uplinks** for a fully non-blocking deployment of **eight Wave 2 11ac access points** from any vendor. Plenum rated, slim design and mounting accessories allow for **access point placement optimization** and cabling efficiency.

- + The M4200 is the world's first 8x2.5G Multi-Gigabit switch* with full PoE+ provision on all ports and 2x10G line-rate aggregation to the wiring closet
- + NETGEAR Multigigabit Ethernet is compatible with most major wireless and switching vendors managed solutions



SDN
ready



NETGEAR®

*NBASE-T compliant (upcoming IEEE 802.3bz standard)