

## Meet Qube, your new Infrastructure

- This 2ft. **Qube** is all you need to power a world-class infrastructure for your business.
- Get rid of that server room that's noisy, cold, and hasn't been cleaned up in years.
- Don't let your office space be anchored to your server room. Moving your entire IT environment is easy as packing up this compact **Qube** and connecting at your new location.
- Deploy new locations in minutes, not weeks or months.

## We just upgraded your phone calls to *awesome*

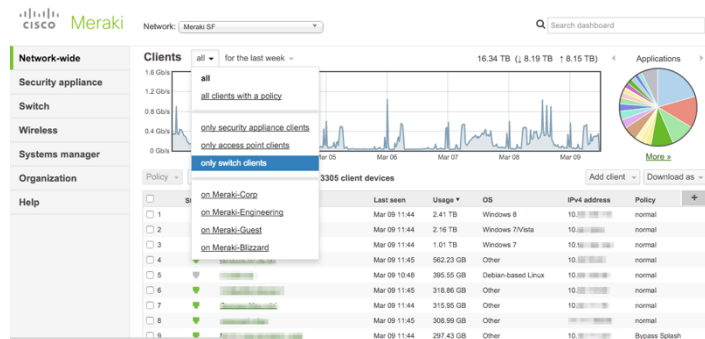
- Every call is a video call; you simply choose how you prefer to connect- audio-only, video-enabled, or immersive TelePresence.
- Cisco Advanced video phones enable seamless video calling and collaboration as easy as placing a regular phone call.
- Use your mobile phone to place and receive video calls that appear as if they are coming from your work phone number. This provides greater flexibility as to where and when your team can work, while always keeping a professional image.



## We've got your back

We monitor and configure your entire network through an enterprise-grade cloud management platform backed by Cisco, the world's largest and most advanced networking company.

The cloud-based management platform allows us to fully monitor and managed your infrastructure 24/7 so you can be assured your environment is always up to date, always operating at peak performance, and always protected with the latest security updates.



Cloud Ready Architecture

www.ubiquity.tech

Complete IT as a Service

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In Collaboration with





## Fully Secured

Your data is one of your biggest assets and we want to ensure that your business is always fully protected. Not even equipment failure will affect your operation as we will configure your equipment in a fully redundant fashion to ensure maximum uptime.

## Virtual Applications

Any Device. Any Network. Anywhere.

Although we build your network to run your applications reliably at maximum performance, we also realize that business happens everywhere at any time. We want to ensure that you have access to all your applications and all your files, securely from any device over any connection.

With our virtual application delivery, you can enable your entire staff to be more responsive to clients and collaborate more effectively, all while creating a better work-life balance.



## Wireless Wave2 Technology

Your latest Apple or Android device already has the capability of accessing wirelessly at lightning speed, provided your network can handle it. Fortunately, we provide you an optimal network that is built to unlock the maximum capabilities from all of your wireless devices, phones, notebooks, and tablets.

## Redundant Network

The network is the backbone of your entire IT infrastructure. We ensure your network is built in a fully redundant configuration to ensure all of your connected devices remain online.

Gigabit performance ensures all your devices communicate securely and at their optimal speed.



## Redundant Connectivity

High Performance. High Availability.

Stay fully productive with multi-carrier redundancy. If one carrier fails or is degraded, your business continues to run without skipping a beat. Access the internet and all your cloud applications at record speed.

Complete IT as a Service

### Firewall



#### MX64

INTERFACE S	FIREWALL THROUGHPUT	VPN THROUGHPUT	RECOMMENDED CLIENTS
5 × GbE USB 3G/4G	250 Mbps	100 Mbps	Up to 50

### Core Network



#### MS220-24P

INTERFACES	STACKING	PoE BUDGET
24 × GbE 4 × SFP	Virtual	370W

### Access Point



#### MR42

Wireless Technology	Radios	Wireless Speed
802.11ac Wave2	3 Radios: 2.4Ghz and 5GHz	Up to 1.9Gbps

### Qube25

**\$690/mo.**

### Cloud Unified Communications



Advanced Phones (24)  
 Reception Phone (1)  
 1080p TelePresence Conference Room Camera (1)  
 Spark Room + Messaging + Meetings

25 Users: \$1,100/mo.  
 Add. Phone: \$39/user/mo.  
 Add. Video Phone: \$50/user/mo.



### Virtual Applications



Connect from any device  
 Connect over any connection  
 Connect from anywhere  
 100GB File Storage  
 Full File and Application-Level Backup and Recovery  
 25 Users: \$2500/mo.  
 Add. \$100/user/mo.

### Complete IT as a Service

**25 User Total Cost: \$4,290/mo.**



Upgrades	
Function	Price/mo.
ISP Upgrade to 100Mb	\$400
ISP Upgrade to 1Gb	\$1,200
Firewall Upgrade	\$14
Video Phone	\$14
WebEx	\$5
High Performance AP	\$8
Ultra Performance AP	\$17

Add-Ons	
Function	Price/mo.
Virtual Office User + Phone	\$130
Video Phone	\$44
Video Conference Camera	\$111
WebEx	\$5
Standard AP	\$39
High Performance AP	\$47
Ultra Performance AP	\$56
Virtual Office User	\$100

Firewall



**MX64 (Redundant Pair)**

INTERFACE S	FIREWALL THROUGHPUT	VPN THROUGHPUT	RECOMMENDED CLIENTS
5 x GbE USB 3G/4G	250 Mbps	100 Mbps	Up to 50

Core Network



**MS220-24P (Redundant Pair)**

INTERFACES	STACKING	PoE BUDGET
24 x GbE 4 x SFP	Virtual	370W

Access Point



**MR42 (2)**

Wireless Technology	Radios	Wireless Speed
802.11ac Wave2	3 Radios: 2.4Ghz and 5GHz	Up to 1.9Gbps

**Qube50**

**\$1095/mo.**

Cloud Unified Communications



Advanced Phones (49)  
Reception Phone (1)  
1080p TelePresence Conference Room Camera (1)  
Spark Room + Messaging + Meetings

50 Users: \$4,750/mo.  
With Phone: \$39/user/mo.  
With Video Phone: \$50/user/mo.



Virtual Applications



Connect from any device  
Connect over any connection  
Connect from anywhere  
250GB File Storage  
Full File and Application-Level Backup and Recovery  
50 Users: \$4,750/mo.  
Add. \$95/user/mo.

**Complete IT as a Service**

**50 User Total Cost: \$7,965/mo.**



Upgrades	
Function	Price/mo.
ISP Upgrade to 100Mb	\$400
ISP Upgrade to 1Gb	\$1,200
Firewall Upgrade	\$156
Video Phone	\$14
WebEx	\$5
High Performance AP	\$8
Ultra Performance AP	\$8

Add-Ons	
Function	Price/mo.
Virtual Office User + Phone	\$130
Video Phone	\$44
Video Conference Camera	\$111
WebEx	\$5
Standard AP	\$39
High Performance AP	\$47
Ultra Performance AP	\$56
Virtual Office User	\$100



### Firewall



#### MX84 (Redundant Pair)

INTERFACES	FIREWALL THROUGHPUT	VPN THROUGHPUT	RECOMMENDED CLIENTS
10 × GbE 2 x SFP USB 3G/4G	500 Mbps	250 Mbps	Up to 200

### Core Network



#### MS220-48P (Redundant Pair)

INTERFACES	STACKING	PoE BUDGET
48 × GbE 4 × SFP	Virtual	740W

### Access Point



#### MR42 (3)

Wireless Technology	Radios	Wireless Speed
802.11ac Wave2	3 Radios: 2.4Ghz and 5GHz	Up to 1.9Gbps

### Qube 100

**\$1870/mo.**

### Cloud Unified Communications

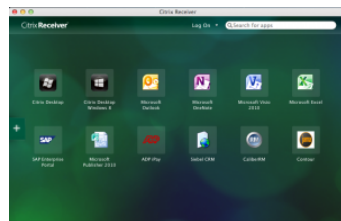


- Advanced Phones (99)
- Reception Phone (1)
- 1080p TelePresence Conference Room Camera (1)
- Spark Room + Messaging + Meetings

100 Users: \$4,090/mo.  
Add. Phone: \$39/user/mo.  
Add. Video Phone: \$50/user/mo.



### Virtual Applications



- Connect from any device, any connection, anywhere
- 500GB File Storage
- 10GB/User Email
- Full File and Application-Level Backup and Recovery
- 100 Users: \$9000/mo.
- Add. \$90/user/mo.

### Complete IT as a Service

**100 User Total: \$14,960/mo.**



Upgrades	
Function	Price/mo.
ISP Upgrade to 100Mb	\$400
ISP Upgrade to 1Gb	\$1,200
Video Phone	\$14
WebEx	\$5
High Performance AP	\$8
Ultra Performance AP	\$8

Add-Ons	
Function	Price/mo.
Virtual Office User + Phone	\$130
Video Phone	\$44
Video Conference Camera	\$111
WebEx	\$5
Standard AP	\$39
High Performance AP	\$47
Ultra Performance AP	\$56
Virtual Office User	\$100

Firewall with Integrated Switch and Access Point



**MX64W**

<b>INTERFACES</b>	<b>FIREWALL THROUGHPUT</b>	<b>VPN THROUGHPUT</b>	<b>RECOMMENDED CLIENTS</b>
12 x GbE (2 PoE) USB 3G/4G	250 Mbps	100 Mbps	Up to 50
	<b>Wireless Technology</b>	<b>Radios</b>	<b>Wireless Speed</b>
	802.11ac Wave2	3 Radios: 2.4Ghz and 5GHz	Up to 1.9Gbps

Network Expansion



**MS220-8P**

<b>INTERFACES</b>	<b>STACKING</b>	<b>PoE BUDGET</b>
8 x GbE PoE 2 x SFP	Virtual	124W

**Qube10**

**\$400/mo.**

Cloud Unified Communications



Advanced Phones (9)  
Reception Phone (1)  
1080p TelePresence Conference Room Camera (1)  
Spark Room + Messaging + Meetings

10 Users: \$550/mo.  
Add. Phone: \$39/user/mo.  
Add. Video Phone: \$50/user/mo.



Virtual Applications



Connect from any device, any connection, anywhere  
500GB File Storage  
10GB/User Email  
Full File and Application-Level Backup and Recovery  
10 Users: \$1100/mo.  
Add. \$100/user/mo.

**Complete IT as a Service**

**10 User Total: \$995/mo.**



Upgrades	
Function	Price/mo.
ISP Upgrade to 100Mb	\$400
ISP Upgrade to 1Gb	\$1,200
Video Phone	\$14
WebEx	\$5
High Performance AP	\$8
Ultra Performance AP	\$8

Add-Ons	
Function	Price/mo.
Virtual Office User + Phone	\$130
Video Phone	\$44
Video Conference Camera	\$111
WebEx	\$5
Standard AP	\$39
High Performance AP	\$47
Ultra Performance AP	\$56
Virtual Office User	\$100

# Qube Models Feature Comparison Matrix

		Functional Components	Qube25	Qube50	Qube100	Qube100H	Qube 150H	Qube250H	Qube500H	Qube1000H	
Qube	Cloud Connectivity and Security	Secondary Data	✓	✓	✓	✓	✓	✓	✓	✓	
		Next Generation Firewall	✓	✓	✓	✓	✓	✓	✓	✓	
		Redundant Firewall	○	✓	✓	✓	✓	✓	✓	✓	
		Intrusion Detection/Intrusion Prevention	✓	✓	✓	✓	✓	✓	✓	✓	
		Redundant IDS/IPS	○	✓	✓	✓	✓	✓	✓	✓	
		VPN	✓	✓	✓	✓	✓	✓	✓	✓	
		Redundant VPN	○	✓	✓	✓	✓	✓	✓	✓	
	Client Access/Networking	Wired Network/Switches	✓	✓	✓	✓	✓	✓	✓	✓	
		Managed Cloud Networking	✓	✓	✓	✓	✓	✓	✓	✓	
		Wireless Network/Access Points	✓	✓	✓	✓	✓	✓	✓	✓	
		Managed Cloud Wireless	✓	✓	✓	✓	✓	✓	✓	✓	
	Client Security	Client Security (Advanced Malware Protection)	✓	✓	✓	✓	✓	✓	✓	✓	
		Mobile Device Management	✓	✓	✓	✓	✓	✓	✓	✓	
	Unified Communications as a Service	Collaboration	Voice Circuit	✓	✓	✓	✓	✓	✓	✓	✓
			Calling, Video Calling, Messaging	✓	✓	✓	✓	✓	✓	✓	✓
			Standard Phone	✓	✓	✓	✓	✓	✓	✓	✓
			Video Phone	○	○	○	○	○	○	○	○
			Conference Room Video	1 (O)	1 (O)	1 (O)	1 (O)	1 (O)	1 (O)	1 (O)	1 (O)
Meetings/WebEx			UC	UC	UC	UC	UC	UC	UC	UC	
Video Conferencing			UC	UC	UC	UC	UC	UC	UC	UC	
Email Filtering			VA	VA	VA	VA	VA	VA	VA	VA	
Email Archiving/E-Discovery			○	○	○	○	○	○	○	○	
Virtual Applications as a Service	Enterprise Computing	Virtual Applications	✓	✓	✓	✓	✓	✓	✓	✓	
		Virtual Desktop	○	○	○	○	○	○	○	○	
		Office Suite	✓	✓	✓	✓	✓	✓	✓	✓	
		Email	✓	✓	✓	✓	✓	✓	✓	✓	
		VPN	✓	✓	✓	✓	✓	✓	✓	✓	
		Client Security (Advanced Malware Protection)	✓	✓	✓	✓	✓	✓	✓	✓	
		Content Filtering	✓	✓	✓	✓	✓	✓	✓	✓	
		File/Print Server	✓	✓	✓	✓	✓	✓	✓	✓	
		Domain Controller	✓	✓	✓	H	H	H	H	H	
		Identity Access Management	✓	✓	✓	H	H	H	H	H	
		Email Archiving	○	○	○	○	○	○	○	○	
		Data Loss Prevention	○	○	○	○	○	○	○	○	
		Client Devices	○	○	○	○	○	○	○	○	
		Client Devices	○	○	○	○	○	○	○	○	
Hybrid Cloud	Data Center	Hypervisor	NA	NA	NA	✓	✓	✓	✓	✓	
		Automation/Orchestration Portal	NA	NA	NA	✓	✓	✓	✓	✓	
		Layer2 Extensibility	NA	NA	NA	○	○	○	○	○	
	Backup and Recovery	Virtual Servers	✓	✓	✓	✓	✓	✓	✓	✓	
		Physical Servers	○	○	○	○	○	○	○	○	
		Disaster Recovery	✓	✓	✓	✓	✓	✓	✓	✓	
Archive/Compliance	○	○	○	○	○	○	○	○			

○ = Optional  
 VA= Included with Virtual Applications  
 H= Included as well as supported as a Hybrid Configuration  
 UC= Included with Unified Communications  
 UC(1)= 1 Included with Unified Communications. More can be added separately

Complete IT as a Service

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## Core Components Virtual Office – Complete IT as a Service

Your new IT solution includes everything your business needs to stay competitive and cutting-edge.

- Carrier Connectivity
  - Never Lose Your Connection with two fully redundant high-speed bandwidth connections.
- Firewall
  - Redundant Firewalls provide always-on performance
  - Next Generation Intrusion Detection and Prevention technologies enhance base stateful firewall functionality to provide deep packet inspection, content filtering, ant-virus, and anti-malware capability
- Core Switch
  - Fully redundant switches for higher levels of availability
  - High speed gigabit interfaces with full Power-Over-Ethernet Plus (PoE+) per port to power advanced phones and access points without the need for power supplies for each device.
- Wireless
  - High-speed wireless access point with 2.4Ghz and 5.0GHz radios provide the latest 802.11ac Wave2 wireless technology for speeds above 1Gbps
- Unified Communications
  - Voice
    - Advanced Voice with full color, next-generation video phones.
    - Place and Receive calls from your iPhone as if you are at your desk
  - Video
    - 720p Video Phones
    - 1080p TelePresence Cameras for best-in-class Video Conferencing
  - Meeting Capabilities
    - Spark Rooms allow for continuous collaboration
    - WebEx enables meetings from 2 to over 100
- Virtual Office
  - Office Suite
  - Access your applications from anywhere, from any device, and over any connection
- Managed Services
  - Full Network Operations Center (NOC) Monitoring of your entire network and all of your applications 24/7.
- Backup and Recovery as a Service
  - All your files backed up and protected
  - File Recovery in minutes
  - Application Recovery in < 1 Hour
  - Fully Redundant Data Centers allow for 99.999% Availability of all your applications

Cisco Powered™ services are your trusted choice for cloud and managed services from our validated partners. Benefit from a broad set of secure services that deliver business outcomes. Services are built on reference architectures and platforms from the leading provider of cloud infrastructure. Each service is audited by a third party to help assure a proven performance and is backed by an enterprise-class service-level agreement. Our application-based approach allows you to easily manage your policy and security. Comply with industry and government requirements. Reduce risk and maintain data privacy. Optimize your plan with professional services. Engage with local and global Cisco partners for an unlimited choice of consumption models and services. Everything works together to optimize your organization for the connected world.

Complete IT as a Service

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