

# What can WiFi 6 do for your business?

WiFi 6 is the newest WiFi standard and is built to support a greater number of newer, faster devices and high bandwidth applications, such as streaming video.

## WiFi 6 meets the changing needs of wireless networks:



HIGHER THROUGHPUT

REQUIREMENTS

Data traffic per smartphone is expected to increase by ten times from 2016



Devices per person will increase by 50% to an average of 3.6 connected devices per person by the year 2023



NETWORK NEEDS

80% of new IoTprojects will be wireless by 2022



# Here's how WiFi 6 can help your business, based on your industry:



### Retail

- · Provide great connectivity to shoppers, even if the number of shoppers suddenly increases.
- Deliver personalized shopping experiences through "smart shelves" which use RFID tags and IoT sensors for electronic displays of prices, ads, and promotions.
- Monitor how fast a product is selling. Offer users an application to check prices.
- Collect information about user
- preferences. Support advancements in Point of Sale
- devices and their high bandwidth

## Healthcare

- Communicate patient records, imaging results, Conduct better telehealth visits by and real-time patient monitoring data with WiFi enabled devices. Provide capacity to connect a
- proliferating number of devices in hospital and clinical networks. • Enhance patient experience by using WiFi 6
- enabled medical devices, patient monitors, streaming cameras for virtual patient engagement, and imaging systems more
- examining and diagnosing patients via mobile applications. Deploy robotics, augmented reality and
- virtual reality solutions to remotely carry out surgical procedures and medical training.





### Banking Create immersive digital banking

- experiences through augmented and virtual reality. • Implement multimedia content and advice
- for mobile users and for mobile or pop-up branches in rural areas. Provide greater security with

authentication processes that capture

- biometric features.
- visitors and monitor if they are observing social distancing rule. · Increase coordination between branch

• More effectively track the position of branch

- employees with quicker access to information that is needed to serve customers at a faster rate. • Deploy a seamless Virtual Teller
- Machine (VTM) solution (videoenabled ATM machine.)

#### **Manufacturing** Utilize IoT to improve operational efficiency, increase return on investment (RoI) and

- create distinction over competitors, while also speeding delivery of products and services. Support IoT devices without broadband degradation and significantly extend battery
- life, ensuring uninterrupted connections for the connected devices.
- creates better control over who or which device is allowed to transmit data at any point in time. Enable workforce location and asset location tracking. · Meet high bandwidth and capacity

scheduling and segmentation, which

Enforce policy through WiFi 6

- requirements for new machinery such as Al assembly line robots and autonomous
- delivery trucks.



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#### Provide reliable and high-speed network connection for attorneys to access client

Law Firms

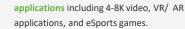
exhibits for petitions, and multi-page scanned documents. Hospitality

data, particularly for large files such as

Eliminate security weaknesses of older WiFi technology and apply enhanced encryption where it's needed.

· Enable more bandwidth for video

conferencing with clients.



 Support many devices and systems, including IoT infrastructure, smartphones, tablets, and laptops – in

· Smoothly stream a range of guest

guest experience and customer reviews.

bring to the network.

high-density environments such as

Dramatically increase WiFi speed and

quality, which is a crucial factor to

and pools.





#### Ensure learning remains uninterrupted if teachers use video or other wireless

Education

technologies for instruction.

Foster collaboration in high

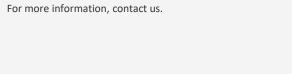
• Be prepared to handle the hundreds or

thousands of new devices that students



Upgrade to WiFi 6 with Black Box, which offers a secure WiFi solution using Cisco Meraki technology. This gives you exceptional wireless experience with added layers of security. Add this service

smartphones, and other smart devices.



on as part of a predictable monthly cost to support the devices that connect to your business Internet, including laptops, POS,