


Comcast
Business Class

COMCAST BUSINESS CLASS



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COMCAST INTRODUCTION

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- ① Who is Comcast?
 - ① The Comcast Network
 - ① PRI
 - ① Analog Lines
 - ① Hosted PBX
 - ① Broadband Internet
 - ① WiFi
 - ① Metro Ethernet
 - ① Television Service

WHO IS COMCAST?



- ① Leading Cable, Internet, and Phone service company in US
- ① Leading Fiber-Optic Network serving 18 of the top markets
- ① Comcast investments include the following:

Comcast
Business Class

WHO IS COMCAST?



COMCAST BUSINESS FACTS



- ① Founded in 1963 in Tupelo, MS
- ① Headquarters located in Philadelphia, PA
- ① 130,000+ employees nationwide
- ① 1500 employees in Indiana
- ① 23.6 million cable customers
- ① 15.9 million high-speed Internet customers
- ① 7.6 digital voice customers in 39 states and D.C.
- ① Access to over 51.2 million homes and businesses

THE COMCAST NETWORK



Scale

- Plant route miles – 600k
- Fiber route miles – 147k
- Optical nodes – 116k
- Homes passed – 50.0M
- CDV-ready homes – 35.3M
- Average node size – 432HP
- 39 States

Technology


- First 40Gbps integrated optics
- 10G/40Gbps regional networks
- Soft wavelength routing
- IPv4 and IPv6 operational
- QoS based voice, video & data
- Self healing architecture



Network Delivers – Per Week

- 70M On Demand Views (7B views and 1B watched hrs since 2003)
- 8B Web pages
- 360M Emails
- 190M calls supporting over 1.3B minutes & growing...

BUSINESS CLASS PRI SERVICE

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- ⦿ Business Class Trunks service is the best for your voice calling needs.
 - ⦿ Our Trunk Service is scalable, allowing you to add or remove call paths as needed.
 - ⦿ While our trunks come with a Service Level Agreement of 99.99% uptime, we do offer built in Disaster Recovery with our Destination Unreachable. Every 3 seconds we ping our Interactive Access Device. After 2 unreturned Pings, we will automatically reroute all of your calls to a predetermined phone number. We will continue to ping our box. Immediately upon contact with the equipment, we will reroute the calls back to your phone system.
 - ⦿ We can offer a personal phone number for everyone who needs their phone or fax number.
 - ⦿ Comcast Local Phone Service as well as Intra lata calling are unlimited at no additional charge.
 - ⦿ 4600 Interlata Outbound Long Distance Service is included each month. All calls are billed on 6 Second increments. Any overage is billed at \$.03 per minute. The United States, Canada, and all US Territories are included in this.
 - ⦿ The IAD used is an Adtran 900 E Series.
 - ⦿ Supports All ISDN Variants- NI2, ATT, & DMS. Use Codec: G.711 (μ -Law), 64 kbps



BUSINESS CLASS ANALOG TELEPHONE SERVICE



- ⦿ Comcast Analog Service will be the best fit for the Modems, Alarm System and line based dialtone.
- ⦿ Comcast will terminate to an Arris TM722G Embedded Multimedia Telephony Adapter.
- ⦿ The equipment comes with a 8 hour Lithium-ion 4.4 AH battery backup.
- ⦿ These lines include unlimited long distance in the US, US Territories and Canada.
- ⦿ Approved for Fire Alarms based on the NFPA 72 2010 standards.



BUSINESS VOICE EDGE (HOSTED PBX)

- ⦿ Polycom Phones 335, 670, Side Car, 550VVX, VVX500 Camara Phone, Sound Station 5000 and 6000.
- ⦿ G711 for PSTN calls, G722 for Comcast On Network Calls, and H264 for Video calls.
- ⦿ Delivered through an Enterprise Sip Gateway, Edgewater 4550.
- ⦿ Unlimited Long Distance, UCC and Standard Seats Available.
- ⦿ Tool Bar Add On for IEX and Fire Fox
- ⦿ Web Portal for all UCC users, Enterprise Admin.
- ⦿ Comcast Business Class Support is available 24x7x365.



BUSINESS CLASS INTERNET SERVICE



- ⦿ Comcast offers a wide variety of speeds to choose from. The following speeds are Download followed by Upload, measured in Mbps.
16x3, 50x10, 75x15, 100x20.
- ⦿ Static IP packages are 1, 5, and 13 useable, public IP.
- ⦿ DOCSIS 3.0 Modem- SMCD3G-CCR- Includes Gigabit Ethernet Port ensures the maximum speed delivered to your network.
- ⦿ FCC found that Comcast meets our Broadband speed tiers in Every category, Every hour of the day, Every Day. The link to this report is <http://www.fcc.gov/measuring-broadband-america#read> Click the summary to see Comcast is 100% in every category.
- ⦿ Comcast Business Class Support is available 24x7x365.

PUBLIC WiFi

Public WiFi for Patrons

Business WiFi for SMBs includes an XFINITY WiFi WiFi Hotspot that patrons of the business can use...



For Public Use



Wireless
Access Point

XFINITY WiFi
Modem



AND

Private WiFi for Employees

...a Private, secure WiFi network for the SMBs personal use.

Private WiFi Network

For Business Use



Business Wireless
Access Point

Comcast Business
Internet Gateway



Internet

The XFINITY WiFi Hotspot provides a worry-free public WiFi connection to the internet, so our customers can focus on their business:

- Comcast installs all necessary equipment
- XFINITY WiFi is completely separate from the private Business Internet network
- Public traffic on XFINITY WiFi Hotspot does not impact the business owner's Business Internet bandwidth
- Comcast technical support

Business WiFi adds a private, secure WiFi network for the use of business employees for back office functions within the business premises.

- Wirelessly connected office computers, printers, and handheld devices.
- Utilizes customer-defined Business Internet speed tier
- Customized security functions

METRO ETHERNET

- ⊙ Layer 2 Handoff
- ⊙ 1 Internet Product
- ⊙ 3 WAN Products. Point to Point, Point to MultiPoint, MultiPoint to MultiPoint
- ⊙ 10 Mbps to 10 Gig Handoff
- ⊙ Ethernet over Coax 2,4,6 Mbps.
- ⊙ CPE is Ciena.
- ⊙ Core Network is comprised of Cisco and Juniper.





BUSINESS CLASS TELEVISION SERVICE



Private Business TV Service

Designed for offices, waiting areas, retail centers, back offices etc

Flat Rate Pricing

Streamlined Channel Lineups

More than 200 channels available

Multiple packages available