

Sec. 26-582. - Net neutrality; network management.

- (a) The telecommunication services division will treat all data on the internet equally, and not discriminate or charge differently by individual user, content, website, platform, application, type of attached equipment, or method of communication and will not intentionally block, slow down or charge money for specific websites and online content.
- (b) The terms and conditions of service shall include the telecommunication services division's network management practices as promulgated by the City Manager from time to time, which set forth the practices and policies used by the telecommunication services division to manage and transmit network traffic. The telecommunication services division shall comply with any FCC standards requiring notice of such network management practices to telecommunications subscribers.

(Ord. No. 089,2019, § 6, 7-16-19)

NextLight Frequently Asked Questions



NextLight: Offerings and Service Details

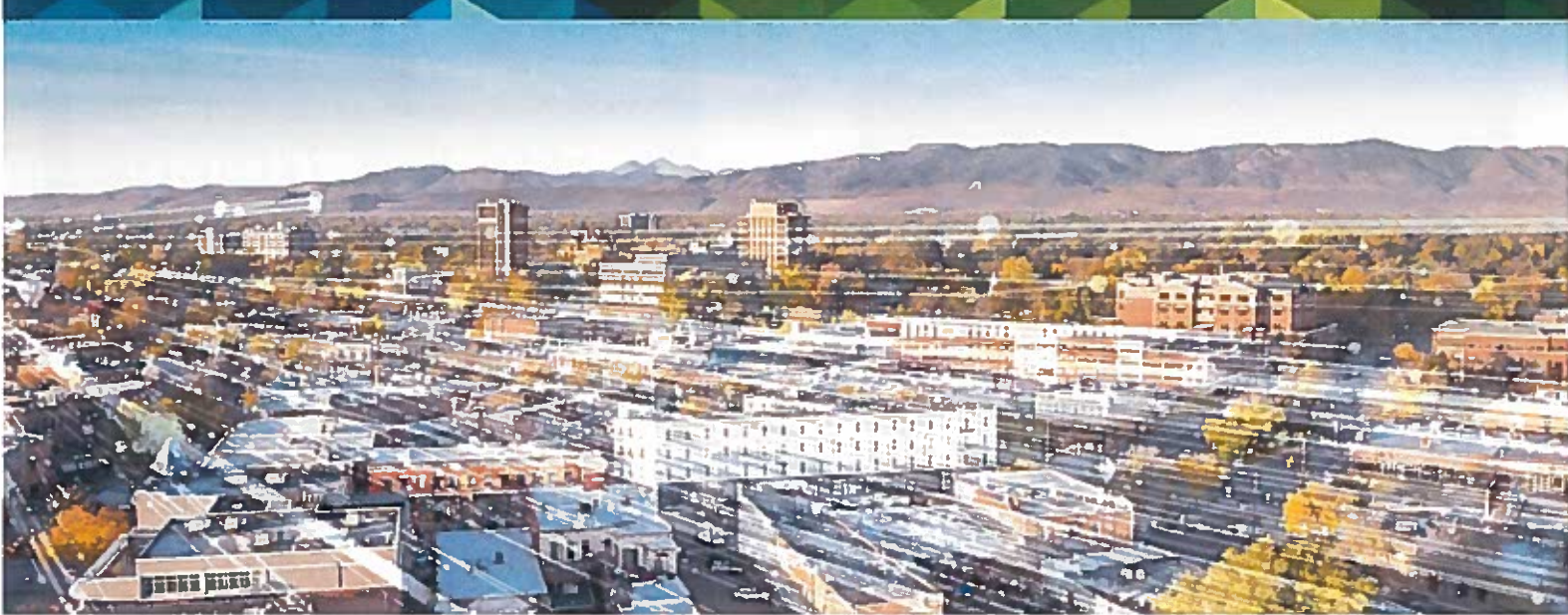
1. What is a gigabit?
2. Is NextLight the only 100% fiber-optic network in Longmont?
3. Does NextLight have any monthly data caps?
4. Does NextLight offer phone service?
5. Does NextLight offer traditional cable service?
6. What about wireless? I heard the city provides free WiFi.
7. What is the “Subscriber Line Fee” that I see on my bill?
8. What happens to Digital Voice if my power goes out?
9. Does my business need more than one static IP address?
- A. What is a static IP address and does my business need one?
- B. Will my security system work with NextLight’s Digital Voice phone line?
- D. I saw a popup ad online, urging me to take a survey about NextLight or Longmont Power & Communications in exchange for a reward offer. Do you conduct surveys, and did this come from you?
- E. Will changes in “net neutrality” affect my NextLight service?

Regardless of any changes in federal regulations, our first commitment remains to you – our owners – and to continuing the excellent internet service you’ve come to expect. Specifically:

- 1) We do not play favorites and we will not throttle your speed. We do not create “fast lanes” and “slow lanes” for users or services based on paid prioritization. All our customers will be able to harness the power of the NextLight internet service to the fullest extent that their equipment and our terms and conditions allow.
- 2) We will be transparent in our commitment to you. Our policies, like our rates, will be clearly presented with no surprises.

We do connect to a number of long-haul providers that tie Longmont’s local network into the larger internet. While those companies can choose to provide their services in any manner consistent with the regulations, they do not dictate Longmont’s policies.

F. When should I replace my Digital Voice battery backup?



- **What is net neutrality?**

Net Neutrality, or open internet, is the principle where services are not blocked, slowed down, sped up, or otherwise manipulated based on who is accessing the internet or from where. The foundation of net neutrality is transparency – providers were required to provide easy to understand disclosures for pricing, bandwidth, network management, etc. In essence, Net Neutrality means the internet is open to everyone.

- **How has it changed with the recent FCC decision?**

On Dec. 14, 2017, the Federal Communications Commission (FCC) voted to repeal net neutrality rules put into effect in May 2015. The new 2017 order places Internet Service Providers (ISPs) under the jurisdiction of the Federal Trade Commission (FTC) when broadband providers engage in anti-competitive, unfair, and/or deceptive acts or practices.

This means that Internet Service Providers companies may:

- **Block** websites or apps from consumers
- **Throttle**, or slow down, transmission of data based on content
- **Prioritize** websites that pay for faster speeds

- **City's net neutrality stance?**

The City will build out the infrastructure, known as Fiber to the Premise (FTTP), and operate as an internet service provider (ISP). As the ISP, the City has the control over its network and can operate an open, or net neutral, internet.

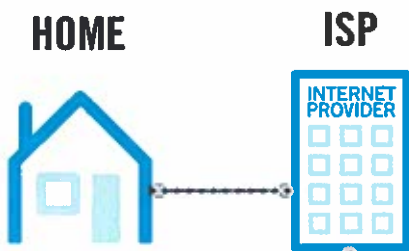
The City Broadband Plan does not call for any restrictions on access including uploads, downloads, delivery methods or providers (email, Skype, Netflix, etc.)

- **How does the FCC decision, if any, affect the City's Broadband efforts?**

The FCC's decision, while it will not impact the networks operations, could set Fort Collins apart from its competitors. Many Fiber providers are embracing Net Neutrality as a market differentiator. Their premise is the fiber networks are not bandwidth constrained as many competitors' networks are so why limit usage. The City values an open unthrottled network for all residents and will be developing a policy on net neutrality and a policy to protect personal data and information.

* For more detail on Net Neutrality see page 48 of the Broadband Business Plan.

TODAY'S INTERNET

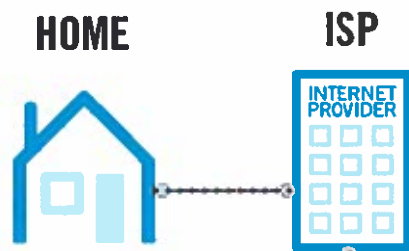


INTERNET

ISP allows access to any website with the same speeds regardless of who owns the information.



INTERNET WITHOUT NET NEUTRALITY



INTERNET

ISP may block, slow or prioritize content due to special agreements with other service providers.





Xfinity Internet Broadband Disclosures

Comcast strives to provide consumers with accessible, easy-to-understand information about the services we provide, so they can make informed decisions about which services best meet their needs. Consistent with that goal, we have established this page as a single place where consumers and others can access and review the relevant policies, agreements, and other information about our Xfinity Internet broadband Internet access services.

Additionally, the Federal Communications Commission ("FCC") requires that Comcast and other providers of broadband Internet access services disclose certain information regarding those Internet services. The information required for disclosure under the FCC's rules is found below and in the various policies and documents listed and linked on this page. To assist you in finding the information you're looking for, we highlight below information that the FCC specifically calls for in the Open Internet Disclosures.

Network Practices

Comcast does not discriminate against lawful Internet content, applications, services, or non-harmful devices. The bullets below provide an overview of Comcast's network practices with respect to its Xfinity Internet broadband Internet access services. Additional information, including more-detailed technical information, is available in the [Network Management Information Center](#).

Blocking

Comcast does not block or otherwise prevent end user access to lawful content, applications, services, or non-harmful devices. Comcast does engage in reasonable network management practices described below and in our [Network Management Information Center](#).

Throttling

Comcast does not degrade or impair access to lawful Internet traffic on the basis of content, application, service, user, or use of a non-harmful device. Comcast does engage in reasonable network management practices described below and in our [Network Management Information Center](#).

Affiliated Prioritization

Comcast does not directly or indirectly favor some traffic over other traffic, including through use of techniques such as traffic shaping, prioritization, or resource reservation, to benefit an affiliate.

Paid Prioritization

Comcast does not directly or indirectly favor some traffic over other traffic, including through use of techniques such as traffic shaping, prioritization, or resource reservation, in exchange for consideration, monetary or otherwise.

Network Management

Comcast manages its network with one goal: to deliver the best possible broadband Internet access service to all of its customers. To further this effort, Comcast uses reasonable network management practices that are consistent with industry standards. Comcast uses various tools and techniques to manage its network, deliver its service, and ensure compliance with the Acceptable Use Policy and the Customer Agreement for Residential Services. These tools and techniques are dynamic and can and do change frequently. Network management activities may include identifying spam and preventing its delivery to customer email accounts, and detecting malicious Internet traffic and preventing the distribution of, or inadvertent access to, malware, phishing, viruses, or other harmful code or content.

As the Internet and its related technologies continue to evolve, Comcast's network management tools will also keep pace so we can deliver an excellent, reliable, and safe experience to all of our customers. We will provide updates here as well as other locations if we make significant changes to our network management techniques.

Comcast currently does not maintain a separate system to assist with managing times of congestion. As our network technologies and usage of the network continue to evolve, we reserve the right to implement a new congestion management system if necessary in the performance of reasonable network management and in order to maintain a good broadband Internet access service experience for our customers, and will provide updates here as well as other locations if a new system is implemented.

Application-Specific Behavior

Comcast provides its broadband Internet access service customers with full access to all the lawful content, services, and applications that the Internet has to offer. Comcast does not block or rate-control specific protocols or protocol ports (except to prevent spam, malicious attacks, and identity theft), does not modify protocol fields in ways not prescribed by protocol standards, and does not otherwise inhibit or favor certain applications or classes of applications.

Device Attachment Rules

Many [devices are approved](#) to access our broadband Internet access service. In order for a cable modem device to be approved for use on the network, it must pass CableLabs certification, UL certification, FCC certification, and Comcast device testing covering areas like DOCSIS performance, security certification, and integration with Comcast's network and systems. In the [DOCSIS Device Information Center](#), you can access a comprehensive list of all currently approved cable modems and EMTA devices. Comcast has also published the [DOCSIS Cable Modem Process and Requirements](#) for testing and certification of additional DOCSIS-compliant devices for use on the Comcast network. From time to time Comcast may "end of life" certain cable modem devices or cease permitting those devices to attach to the network for network management and security reasons.

Security

Comcast employs a number of practices to help prevent unwanted communications, such as spam, and protect the security of Comcast's customers and network. We limit the number of login, SMTP, DNS, and DHCP transactions per second (at levels far above "normal" rates) that customers can send to our servers in order to protect them from Denial of Service (DoS) attacks. (We do not disclose exact rate limits in order to maintain the effectiveness of these measures.) Please see [Email - Limitations on Sending](#) and [What is Comcast Doing About Spam?](#) to learn more.

In order to further protect our customers, Comcast blocks a limited number of ports that are commonly used to send spam, launch malicious attacks, or steal a customer's information. Comcast conducts several security initiatives, and offers security tools for our customers at our online security page. For more information, see [List of Blocked Ports](#).

Comcast has an [Alerts](#) page that provides news and information on topics related to network security.

Performance Characteristics

Service Description

Comcast provides a detailed summary of its [Internet service performance](#) containing information about speed and latency, as well as other related topics. Comcast has always prided itself on providing state-of-the-art broadband services at the highest possible speeds. Recent [testing performed by the FCC](#) confirms that Comcast's broadband Internet access service is one of the fastest, most reliable broadband services in the United States. It consistently delivers at or above the "provisioned" speed for the particular service tier. Comcast also provides a [speed test](#) page, so you can test your connection for yourself.

Other Services on Our Network

Comcast currently provides cable services (using both digital QAM and Internet Protocol ("IP")-based technologies), and voice services and certain Metro-Ethernet enterprise business services (using IP-based technologies), to its customers over the same physical network used to deliver Xfinity broadband Internet access service to residential and small and medium business customers. Our IP cable and voice services, and our Metro-Ethernet enterprise business services, are not provided over the Internet but are provisioned with separate service capacity and delivered over separate service flows using Differentiated Service Code Point ("DSCP") technology, and the voice and Metro-Ethernet (but not the video) services are marked for prioritization (to ensure that calls, e.g., 911 calls, go through even in times of congestion). These services are designed to protect the integrity and reliability of the Xfinity Internet service, which is delivered on a best-efforts basis.

Commercial Terms

Pricing and Other Fees

Comcast's Xfinity Internet broadband Internet access services may be subject to promotional rates. Additional fees, such as for equipment rental, installation, and early termination, may apply. For information about pricing and fees for Comcast's various Xfinity Internet tiers of service and all its Xfinity services, please visit the [Xfinity Deals & Promotions](#) page.

Data Usage Plans

In certain markets, Comcast has deployed flexible data usage management approaches that provide its customers with choice and control. Under these plans, usage that exceeds a monthly usage threshold is subject to an additional charge, and in certain markets, customers on the Economy Plus tier can receive a credit on their monthly bills for using less than a prescribed data threshold. Xfinity's Data Usage Center provides further information about these data usage plans [here](#). Outside of these markets, Comcast does not currently apply any "data caps," usage thresholds, or any other form of usage-based billing, but reserves the right to do so.

Privacy Policies

Comcast's privacy policies with respect to Xfinity Internet service are explained in the [Comcast Xfinity Customer Privacy Notice](#).

Redress Options

If you have any questions about these disclosures, cannot find what you are looking for, or have any other concerns about Xfinity Internet service, please contact Comcast at bbdisclosures@comcast.net. Comcast will review and promptly respond to all submissions.

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