



What's all the fuss over fiber ?

What's all the fuss about fiber?

If you don't work for a telephone, TV or Internet company, "fiber" may be more commonly associated with your diet than with your communications

services. When we reference fiber in relation to communication, it is only a partial descriptor. We are talking about the use of fiber optic technology and/or fiber optic cable for the delivery of voice, video

or data services.

Fiber optic cable differs from traditional copper cable. Rather than being made of metallic wire, the cable is made of very tiny threads of elongated

(See **FIBER**, Page 2)

Scholarship applications open

WT Services will award scholarships to graduating seniors from Hereford, Friona, Bovina, and Bushland high schools for the fourth consecutive year in 2017. Application forms will be available by January 16 and recipients will be announced in May.

Scholarships are open only to students whose parents or guardians are WT Services customers, or, to students who are WT Services customers. Applicants must be either high school seniors who are candidates for graduation this spring, have completed high school, or have received their GED.

Scholarship money will be disbursed in increments per semester.

An application form, accompanied by two letters of recommendation, and a wallet-size photo must be submitted. One letter of

recommendation must be from a teacher, principal, or counselor from the high school that the applicant is currently attending.

In Hereford, applications may be picked up at the WT Services office at 119 East 4th, or at the Hereford High School counselor's office.

Applications may be picked up at the WT Services office in Friona at 1010 Columbia, and will be provided to counselor's offices at Friona, Bovina, and Bushland high schools.

Applications must be fully completed, legibly typed or written, have no attachments other than the photo and two required letters of recommendation, and must be received at the offices of WT Services, Inc. P.O. Box 1776, Hereford, Texas 79045, no later than April 8, 2016.

Applicants may be asked to attend an interview at the discretion of the WTRT board.

4 New Cable TV Channels

New Cable TV channels are now on the air for WTScustomers in Hereford and Bushland.

Ch. 141 - GRIT Grit is the all-new network television home for your favorite bold, brave and legendary action heroes!

Ch. 142 - ESCAPE An all-new television network with movies and series that are daring, sexy and anchored in stories of crime and mysteries.

Ch. 143 - BOUNCE The first African American broadcast network, featuring a programming mix of theatrical motion

(See **CABLE TV**, Page 2)

PAGE 1
FIBER DESIRABLE
FOR SPEED,
IN SERVICE NETWORK

FOUR NEW
CABLE TELEVISION
CHANNELS

PAGE 2
MORE ABOUT
FIBER NETWORK

COMPANIES,
EMPLOYEES
ARE HOLIDAY HELPERS

Draft payment discount

WT Services Hereford/Bushland customers can get a one percent discount by paying their bill by bank draft.

Customers who authorize draft payment agree to have their bank account drafted for the amount of their outstanding balance on their account with WT Services. Drafts will occur between the 20th and 23rd of each month.

To arrange for payment of your WT Services bill via bank draft and net the one percent savings, contact the WT Services office in Hereford at 119 East 4th.



Fiber provides better, faster service...from Page 1

glass wrapped in protective sheathing. Voice, video and data signals moved over copper use various forms of electricity to transmit and receive information. In contrast voice, video and data signals moved over fiber are transported by pulses of light induced into the individual glass fibers.

So, why does it matter? The use of fiber optic cable rather than copper cable offers several advantages.

1. **Bandwidth.** Fiber optic cable has more capacity than copper cable. More information can be moved over smaller cables. And, the information can be moved much more rapidly.

2. **Symmetrical Speed.** The speeds available for uploading and downloading information to the Internet can be symmetrical. With copper, downloading (receiving information) is typically faster than uploading (sending) information. With fiber, the opportunity exists for those speeds to be more similar or equal.

3. **Distance.** With copper cable, the availability of some video or data services are dependent on the distance that the customer's home or business is away from the service provider's electronic equipment. Homes or businesses that are more than 15,000 feet away may

be limited to lesser quality service, fewer video streams or slower service. Fiber optic cable eliminates distance limitations in the delivery of service.

4. **Security.** Copper cable presents more points of vulnerability that can be tapped into. Fiber optic cable has fewer points and is more difficult to gain access to. Access is gained by cutting the fibers, which ceases the transmission of information all together, preventing access to the data.

5. **Reliability.** Fiber optic cable is not impacted by inclement weather conditions. And, unlike copper cable it is not impacted by electrical or human interference, unless the fibers are cut.

6. **Signal Strength** – Signals transmitted over copper cable can degrade over extended distances. Signals transmitted via fiber optic cable do not degrade over distance.

7. **Sturdier** – Copper cable is a relatively delicate technology. Copper cable can be damaged with as little as 25 pounds of pressure. In contrast, fiber optic cable can absorb 100-200 pounds of pressure before succumbing to damage.

8. **Technology proof** – The vast capabilities of fiber optic cable make it a sound

investment. Fiber optic cable can support evolving technology better due to the amount of data that can be transported and the speed with which messages and data can be

transported.

In short, the installation of fiber optic cable within our network provides better, faster, more secure and diverse services to our subscribers.

Companies, employees prove holiday helpers

West Texas Rural Telephone, WT Services, and employees of the companies did their part to be of help to those in need in Hereford and Deaf Smith County through the holiday season, beginning prior to Thanksgiving.

WTRT and WTS conducted a food drive with Wal-Mart and Amigos in November to benefit the Hereford Food Pantry, collecting over 500 pounds of food.

In December, WTS provided publicity for the Christmas Stocking Fund on Cable TV Channels 1 and 21. Additionally, employees of WTRT and WT Services provided manpower for the Christmas Stocking Fund, a long standing tradition with the employees.

WTRT and WT Services employees handled the large CSF grocery order that commonly includes quantities of canned goods, flour, sugar, beans, and rice.

On December 20, WTRT and WT Services employees

provided the strong arms and backs that got food assistance packages routed, loaded and delivered to Christmas Stocking Fund recipients.

Cable Television ...from Page 1

pictures, sporting events, documentaries, specials, inspirational faith - based programs, off - network series, original programming and more.

Ch. 144 - LAFF Comedy programming, featuring a mix of feature films and archives sitcoms. LAFF is targeted at adults between the ages of 18 and 49 years old.

Ch. 590 - TELEMUNDO HD

Programs and original content aimed at Hispanic and Latino American audiences in the U.S. and worldwide, including novelas, sports, reality television, news, and films - either imported or Spanish - dubbed. Broadcast in High-Definition.