



E-Rate Funding to Fuel School Bus Wi-Fi Initiatives

INTRODUCTION & AGENDA

MEET THE SPEAKER



LEA BOGLE

PREMIER WIRELESS
PRESIDENT & CEO

**PREMIER WIRELESS,
YOUR ELITE T-MOBILE PARTNER**

AGENDA

- WHO IS PREMIER WIRELESS
- OUR PARTNERSHIP WITH T-MOBILE
- CONNECTED BUS – BUS WIFI
- E-RATE

**PLEASE USE THE Q&A BUTTON AT THE BOTTOM OF YOUR
SCREEN TO ASK QUESTIONS AS WE GO ALONG**

**YOUR FEEDBACK MATTERS – PLEASE TAKE A MOMENT AND
ANSWER OUR BRIEF SURVEY AT THE END OF THE WEBINAR**

Exciting News!

School Bus Wi-Fi Gets a **Green Light** from the FCC!



The "**Learn Without Limits**" initiative will provide an everlasting and substantial impact, especially on rural and socioeconomically disadvantaged youth nationwide.



BUS WI-FI PROVIDES EQUITY AND ACCESS

- Students can now leverage travel time and turn it into learning time.
- E-Rate enables you to provide all students extended learning time with affordable and sustainable 5G bus Wi-Fi.

"We are going to close the homework gap and get more kids connected for schools."

- FCC Chairwoman, Jessica Rosenworcel



WHAT DOES IT MEAN TO “LEARN WITHOUT LIMITS”





ARE THEY USING WI-FI TO LEARN ON THE BUS?

DAILY IMPACT

- Completing schoolwork
- Studying for test and quizzes
- Researching information for assignments

LIFETIME IMPACT

- Teaching digital literacy through equity and access
- Fostering a sense of curiosity
- Building lifelong “Googlers”

3 KEY BENEFITS OF BUS WI-FI

Extended Learning Time

- Turn commute time into productive time

Digital Equity

- Bus Wi-Fi is the most cost-effective way to provide equity to all students

Reduced Behavior Problems

- Increased student engagement in constructive activities means fewer undesirable activities occur



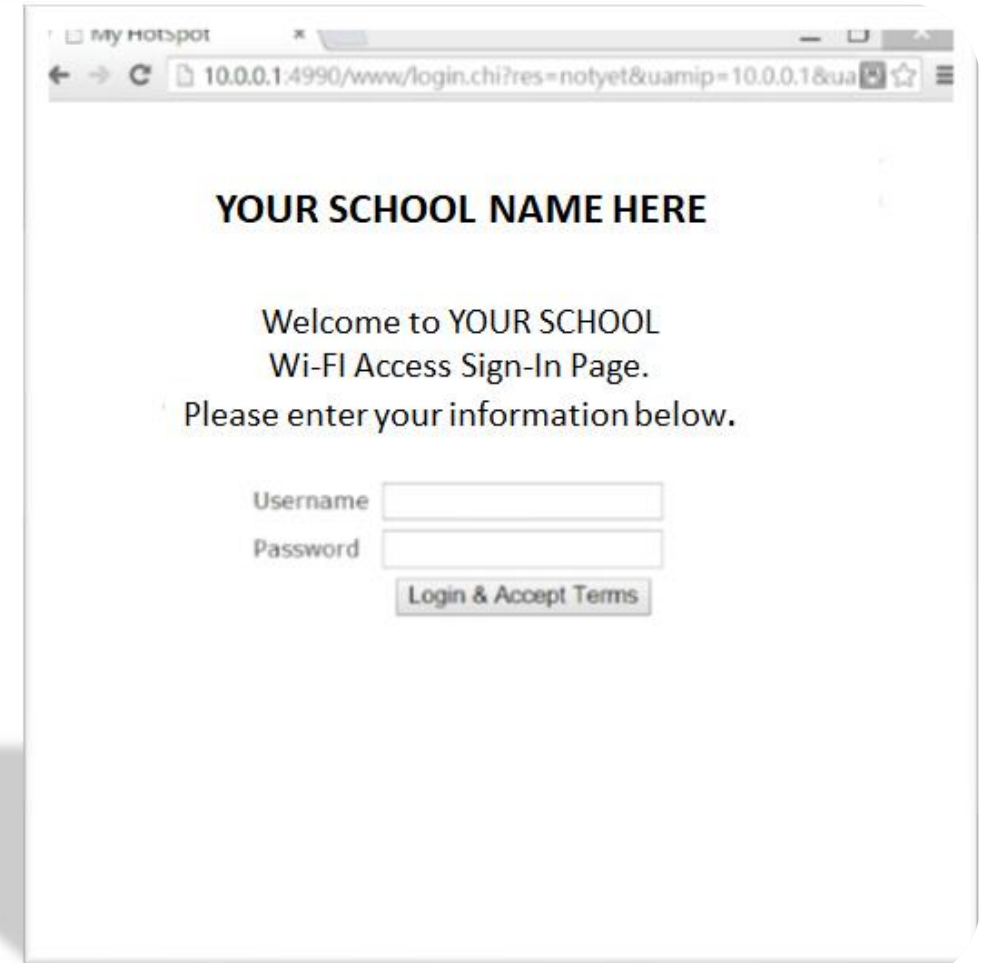
HOW DO WE KEEP KIDS SAFE ONLINE?

CONTENT FILTERING

- Carrier Filtering
- Router Filtering
- Behind Firewall

SINGLE SIGN-ON

- Secure student log-in
- MAC-filter authentication

A screenshot of a web browser window showing a school Wi-Fi login page. The browser's address bar displays the URL "10.0.0.1:4990/www/login.chi?res=notyet&uamip=10.0.0.1&ua". The page content includes the heading "YOUR SCHOOL NAME HERE", a welcome message "Welcome to YOUR SCHOOL Wi-Fi Access Sign-In Page.", and a prompt "Please enter your information below.". Below this, there are input fields for "Username" and "Password", and a "Login & Accept Terms" button.

my hotspot

10.0.0.1:4990/www/login.chi?res=notyet&uamip=10.0.0.1&ua

YOUR SCHOOL NAME HERE

Welcome to YOUR SCHOOL
Wi-Fi Access Sign-In Page.

Please enter your information below.

Username

Password

Login & Accept Terms

WHAT ARE THE BUS WI-FI COMPONENTS



HARDWARE

One-Time Expense



INSTALLATION

One-Time Expense

Professional installation
or Self-installation



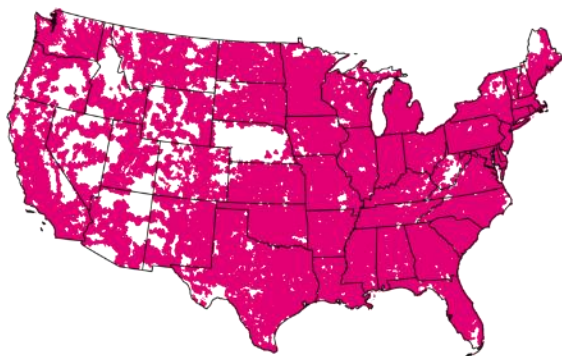
SERVICE

Annual Expense

Router License &
Connectivity

NETWORKS MATTER – 5G MATTERS

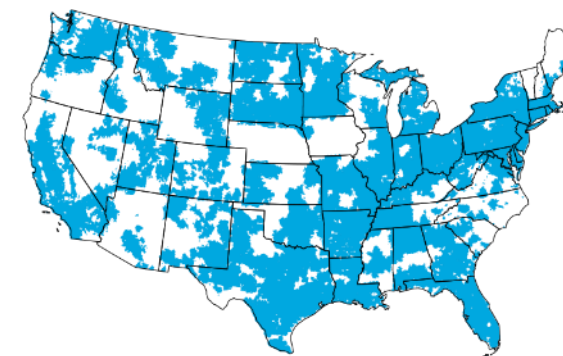
T Mobile



verizon✓



AT&T



Low-band

Extended Range 5G:
2.0M sq. miles
326M people covered

5G Nationwide
0.4M sq. miles
240M people covered

5G Nationwide
1.3M sq. miles
290M people covered

Mid-band
& mmWave

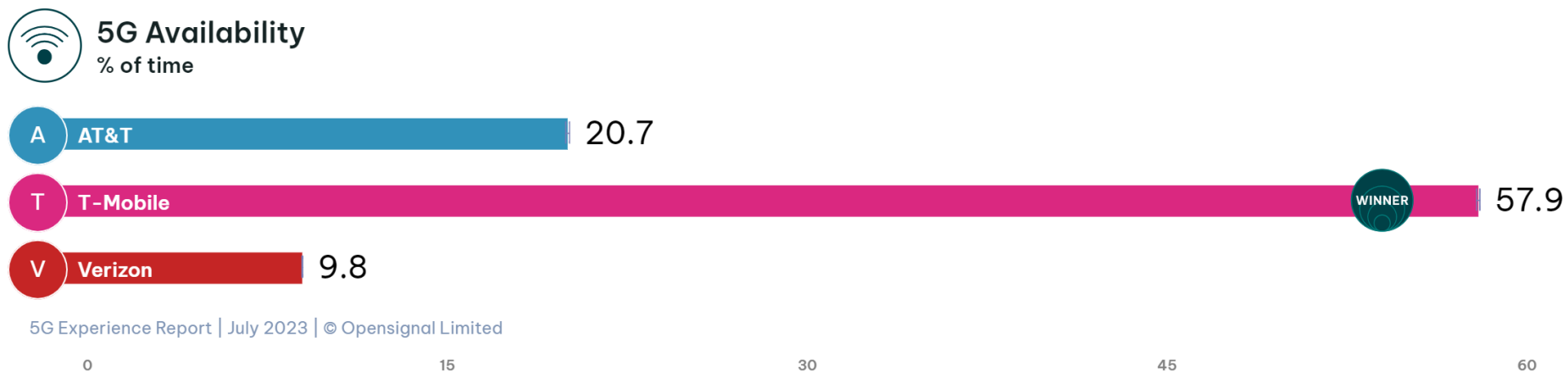
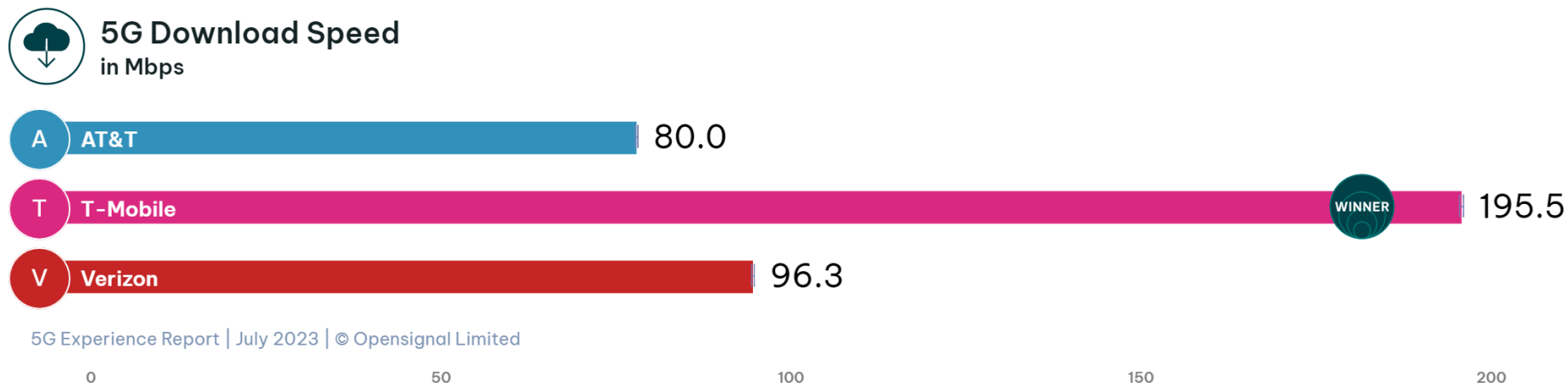
Ultra Capacity 5G:
275M people covered

Ultra Wideband:
200M people covered

5G Plus:
160M people covered



T-MOBILE IS AMERICA'S LEADER IN 5G. SEE WHAT INDEPENDENT EXPERTS ARE SAYING.



T-MOBILE IS AMERICA'S NETWORK LEADER. SEE WHAT INDEPENDENT EXPERTS ARE SAYING.



T-Mobile's network once again earned top rankings for fastest speeds, most consistent, best video, lowest latency, best 5G speed performance and 5G availability.



T-Mobile dominates the awards table again, with six outright wins out of a possible eight.

T-Mobile strengthens its lead for both speed awards and is the first U.S. carrier to win the new Consistent Quality and Live Video Experience awards.



In its latest 5G Network Performance Audit Report, T-Mobile once again had the overall highest 5G score with the best coverage, stability and speeds.



Ookla: fastest based on median, overall combined speeds according to analysis by Ookla® of Speedtest Intelligence® data download speeds for Q1 2023. Ookla trademarks used under license and reprinted with permission. **Opensignal:** Opensignal US Mobile Network Experience 5G, July 2023 Based on independent analysis of average speeds from mobile measurements recorded during the period March 16 – June 13, 2023, © 2023 Opensignal Limited. **umlaut:** according to an audit report conducted by independent third-party umlaut containing crowdsourced data for user experience including task completion collected from October 24, 2022, to April 9, 2023. Full details at: www.umlaut.com/en/benchmarking/USA. 5G device required for highest speeds

WHAT IS E-RATE?

The E-Rate program provides discounts to assist most schools and libraries in the United States in obtaining affordable high-speed Internet and telecommunication services.

WHAT DOES IT COVER?

Program participants may request funding in 5 categories:

- Telecommunications
- Telecommunications Services
- Internet Access
- Internal Connections
- Basic Maintenance of Internal Connections

HOW DOES IT WORK?

Discounts for support depend on the level of poverty and the urban/rural status of the population served and range from 20 percent to 90 percent of the costs of eligible services.



E-RATE (\$4.4B) ~ ASSUMED \$2.1B FOR BUS WI-FI LEARNING WITHOUT LIMITS

INCOME Measured by % of students eligible for the National School Lunch Program (NSLP)	CATEGORY ONE (C1)		CATEGORY TWO (C2)	
	URBAN Discount	RURAL Discount	URBAN Discount	RURAL Discount
75% to 100%	90% for C1, 85% for C2			
	Tribal Libraries: FY 2024 and later: 90% for C1 & C2 (FY 2023 & earlier: 90% for C1, 85% for C2)			
50% to 74%	80%	80%	80%	80%
35% to 49%	60%	70%	60%	70%
20% to 34%	50%	60%	50%	60%
1% to 19%	40%	50%	40%	50%
Less than 1%	20%	25%	20%	25%

HOW DOES BILLING WORK?



Universal Service
Administrative Co.

BEAR VS. SPI

BEAR: Billed Entity Applicant Reimbursement (Form 474)

- The service provider invoices you (client) for the full amount. Client requests reimbursement from USAC directly.

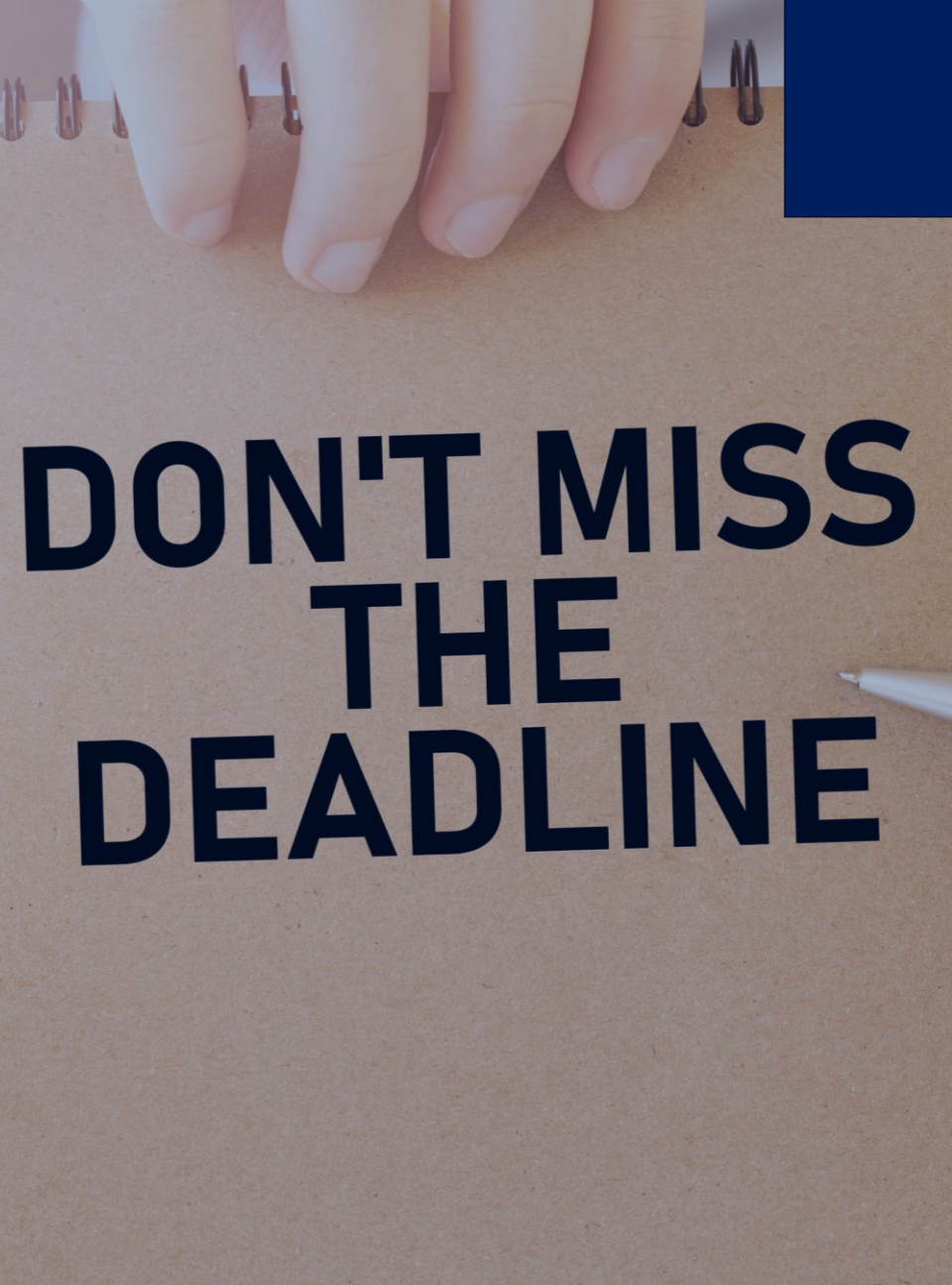
SPI: Service Provider Invoice (Form 472)

- Service provider submits for reimbursement from USAC and only invoice you (client) for your responsible portion.

FORMS

- **Form 470:** Request for Services (Competitive Bidding)
- **Form 471:** Request for Funding/Discount once service provider has been selected

E-RATE UPDATES!



**DON'T MISS
THE
DEADLINE**

DEADLINES

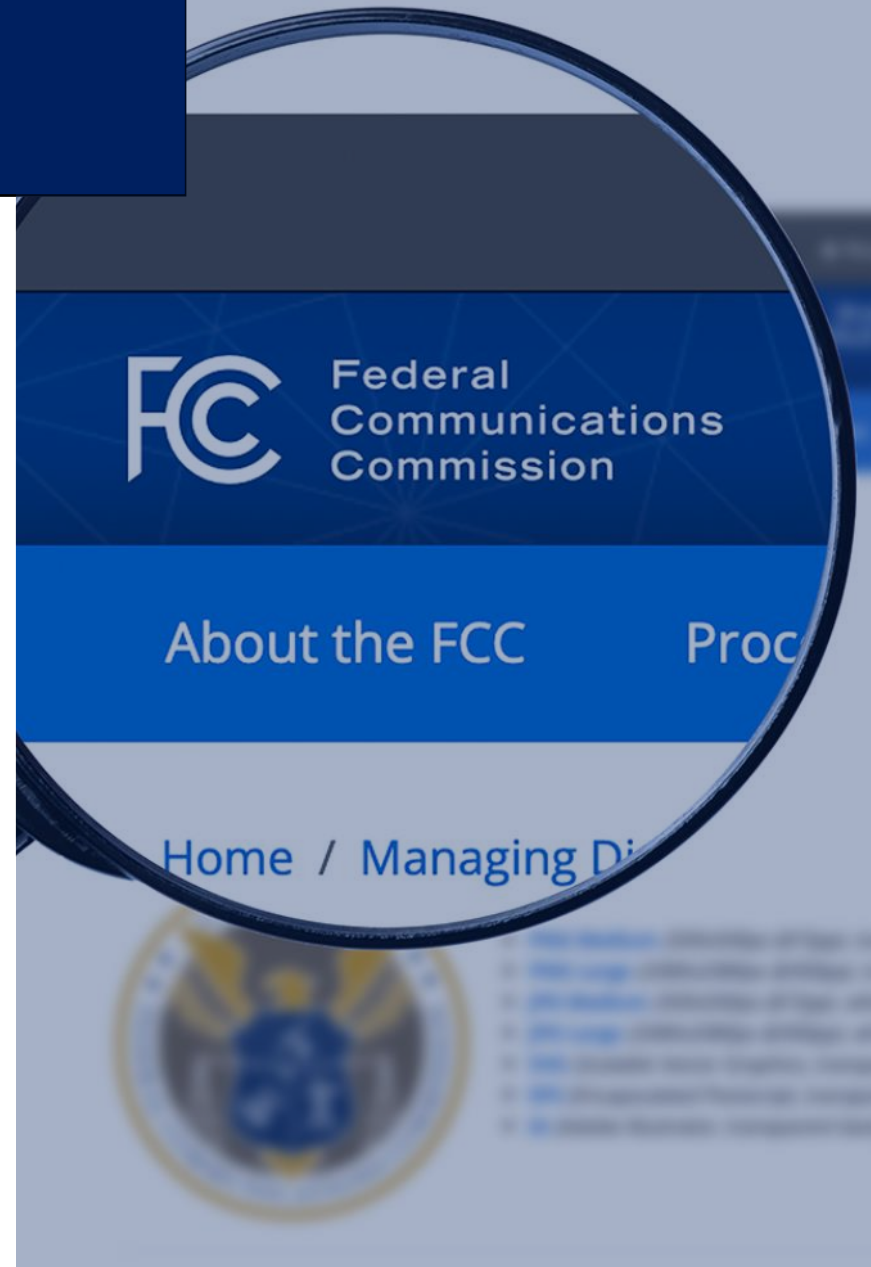
- **Currently Open:** Filing window for E-Rate Form 470
- **January 15:** Deadline to update enrollment and NSLP
- **January 17:** E-Rate Form 471 filing window opens
- **February 28:** Deadline to file E-Rate Form 470
- **March 27:** Deadline to file E-Rate Form 471

E-RATE UPDATES!

ELIGIBLE SERVICES LIST (ESL)

All bus Wi-Fi equipment and wireless internet services will be considered Category 1

- Including antennas, routers, modems, and associated installation charges
- Rural schools can enter contracts with multiple service providers on their buses to assure coverage over wide areas; urban schools are restricted to using only one provider per bus (but may use different providers on different buses).
- Maintenance and operation services are deemed ineligible (although the FCC "may revise these eligibility determinations in a future funding year upon further review of the costs associated with these services and equipment").





E-RATE UPDATES!

ELIGIBLE SERVICES LIST (ESL)

Eligibility applies to school-owned, leased, or contracted school buses.

- The FCC declined to expand eligibility to other types of school-owned vehicles (e.g., cars and vans) at this time.
- Applicants will own the E-Rate-funded equipment and are expected to work with their leased or contracted school bus providers to maintain an accurate asset inventory of the E-Rate-funded equipment
- "Occasionally used chartered buses (e.g., used for school field trips), municipal and city buses generally used for the transport of non-students, and other types of school-owned, leased, or contracted vehicles (e.g., vans and cars)" are not eligible.
- "Services may be reimbursed for all twelve months of the funding year with no discount or premium during the summer months. However, applicants may not warehouse equipment or fail to turn on the service for student use during the twelve months."

E-RATE UPDATES!

ELIGIBLE SERVICES LIST (ESL)

Applicants utilizing bus Wi-Fi will be expected to ensure that the service is used primarily for educational services consistent with E-rate rules.

- This means implementing "content and user network restrictions" consistent with the restrictions that they place on their building-based broadband network, as described in their Acceptable Use Policies (AUPs) and any other policies that limit a school's network access (e.g., CIPA).
- General community use "outside of permissible educational purposes" is prohibited and would require Wi-Fi connections to be disabled.



E-Rate

Ensuring that schools and libraries across the U.S. are connected to information and resources through the internet

Manage Your Account

Access your E-Rate Productivity Center (EPC) account, submit forms, and file your invoices by logging into One Portal.

[Sign In](#)

Resources

[Announcements](#)

[Eligible Services List](#)

[E-Rate News Brief](#)

[Tools](#)

[Webinars](#)

WHAT SHOULD YOU DO NOW?

Ensure your USAC profile is current

- Update NSLP

Identify fleet needs for bus Wi-Fi

- Determine router requirements

File Form 470 (deadline 2/28 - aim for 2/21)

Talk to us... let's review your needs

CONNECTED BUS – SUITE OF PRODUCTS

CONNECTIVITY

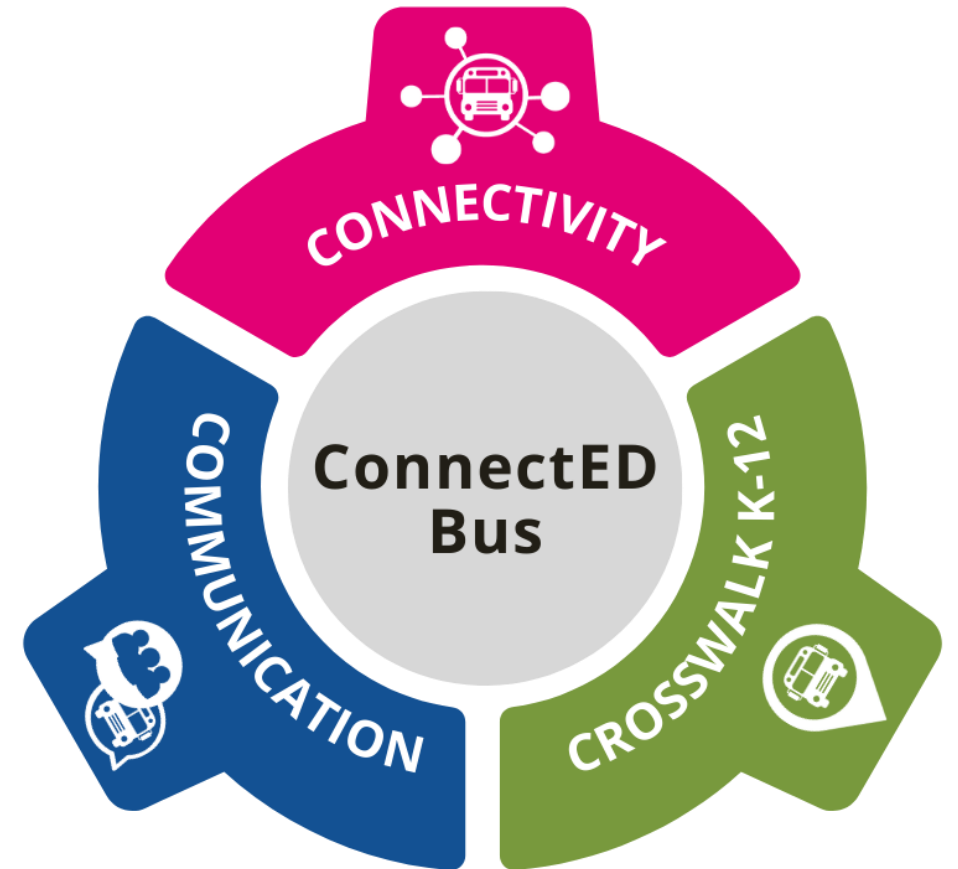
Bus Wi-Fi

CROSSWALK K-12

GPS, Student Tracking & Parent App

COMMUNICATION

Cellular Based 2-Way Radio



Questions?

WE'RE HERE TO HELP

Please stay on and answer a short survey about this webinar; a new window will open once the webinar has closed.



(281) 667-0404
www.premierwireless.com

