

Mojo Cloud Managed WiFi and E-Rate Funding

What is E-Rate?

E-Rate is an FCC-sponsored program designed to award funding to primary and secondary schools and library systems. This funding is specifically given for investing in telecommunication and information services – those platforms that connect schools to the Internet with high and reliable speeds, and that connect student, teacher, and staff devices to the network.

The Universal Service Administrative Company's Schools and Libraries Division (USAC/SLD) administers this program, creating the rules and reviewing applications of up to \$3.9 billion of such purchases each year. Recent changes have put a stronger emphasis on WiFi services, known as Internal Broadband Services.

What are the major changes in E-Rate 2.0 for WiFi?

Category 1

- Phase out support for non-broadband services like pagers, email, voicemail, web hosting, and cellular data plans.
- Five year phase-out of funding for voice plans.
- Direct reallocation of available funds (\$1.2 billion) for WiFi services.

Category 2

- 75% boost in funding over the next five years for rural districts.
- 60% boost in funding over next five years projected for urban districts.
- Adjustments in discount structure give all schools access to E-Rate funds:
 - \$150/student pre-discount budget cap over five years
 - \$2.30/ft² for libraries

Why are these changes happening?

FCC Chairman Tom Wheeler submitted his proposal to modernize the E-Rate program in 2014 with three primary goals:

Close the WiFi gap – Get high-speed Internet to all classrooms and libraries by 2019 and shift focus to internal broadband services.

Equalize the program – Ensure funding is available to the vast majority of schools and libraries, not just a few.

Maximize existing funds – Streamline the program to make it faster, simpler, and more efficient for all schools and libraries.

These changes went into effect in late 2014. In short, E-Rate 2.0 is meant to give all schools and libraries access to the funds they need to purchase technology, with WiFi as a primary recipient of the fund reallocations, in order to empower and enhance modern digital learning initiatives in classrooms nationwide.

Who is eligible for E-Rate funding?

Recent changes have expanded the number of possible applicants. Today, E-Rate funding is available for primary education institutions if they:

- Hold non-profit day or residential school status.
- Have a school endowment less than \$50 million.
- Provide education services like Adult Education and Juvenile Justice.

E-Rate funding is available for libraries if they:

- Have budgets separate from any schools.
- Hold non-profit status in their own right.

How are E-Rate discounts and available funds calculated?

Discount levels for schools are determined by calculating the total percentage of students available for the National School Lunch Program (NSLP); libraries use the eligible NSLP percentage of the school district in which the main branch is located. Now all schools, even those with less than 1% eligibility rates, can claim a piece of available E-Rate funding.

Discount Level		
	Category 2	
% of Qualified NSLP Students	Urban	Rural
<1	20%	25%
2-19	40%	50%
20-34	50%	60%
35-49	60%	70%
50-74	80%	80%
75-100	85%	85%

Schools use the baseline of **\$150/student * calculated discount rate** to determine total available E-Rate funds.

Libraries use the baseline of **\$2.30/ft² * calculated discount rate** to determine total available E-Rate funds.

For example, a school within city limits with 5,000 students finds that 55% of their students are eligible for NSLP, so they qualify for a discount rate of 80%. They run the following formula:

$$(\$150 * 5,000) = \$750,000 * 80\% =$$

Total: \$600,000 available E-Rate funds

What are the steps schools and libraries should follow to achieve E-Rate funding?

The E-Rate process has been streamlined. Simply put, they can expect to follow these five steps:

Review: Schools/libraries determine what services they need for the upcoming year.

Bid: Schools/libraries fill out Form 470 which starts a 28-day vendor bidding window (typically October to January).

Award: Schools/libraries award bid and fill out Form 471 to apply for E-Rate funds (January to March).

USAC Review: Applications go through review process; schools/libraries respond to questions.

Deploy: Services are deployed after approval starting April 1.

Who is Mojo?

Mojo Networks simplifies connectivity to the digital world as a global leader in highly secure cloud-managed WiFi solutions. Our wireless access points are recognized by industry analysts, such as Gartner and IDC, for the best wireless security that can easily be managed from the cloud and a smart phone. Mojo wireless solutions are ideal for flipped classrooms and education environments, where safety, simplicity and reliability are a must.

- Simplified E-Rate packaging and pricing.
- Trusted wireless vendor for over 10 years.
- Have a secure WiFi environment running in 5 minutes.
- Deliver safety, simplicity and reliability to your students and faculty.

For more information, please visit us at: www.mojonetworks.com

Why Mojo for K-12 Education?

Mojo for education can be simplified to three key benefits for your school district centered around simplicity, safety and savings:

Simplicity



- Faster deployment and roll-out of campus wide WiFi to enable flipped classroom initiatives.
- Simplifies management of distributed networks through Mojo's intuitive cloud console.
- True zero touch deployment, as access points become fully functional minutes after they are plugged in.

Safety



- Provides complete control of the wireless to keep students confined within your wireless network and devices.
- Keeps CIPA compliance in check.
- Ensures students and teachers are safe as they interact with learning applications.

Savings



- Mojo 100% cloud offering gets rid of on-site, expensive controller appliances keeping costs low.
- Simple licensing to make the E-Rate application process moves smoothly and predictably.

Demo

Want to learn more? Of course you do! An intimate demo is the best way to learn about Mojo and what we can do to bring you the best wireless platform that meets your digital learning initiatives.

Visit our website www.mojonetworks.com

or give us a call at 877.930.6394

Evaluation

After we show you what Mojo is all about, we want you to see it for yourself. Be sure to ask your rep about our no obligation 30-day trial.

How does Mojo work in K-12?

It's so simple. Upon ordering your Mojo E-Rate package, all you need to do is follow these three simple steps.

Step 1: Plug the access point to your network.

Step 2: Your wireless access point will connect to your cloud instance.

Step 3: Configure your access point via smartphone or laptop.

That's it. You are done. Now you can have a cup of coffee, relax and let Mojo offer safe and reliable WiFi to your classroom.

Is data traffic sent through the cloud?

Absolutely not! Mojo's controller-free architecture means only management data is passed between access points and the Mojo cloud. All data traffic is switched and handled locally.

What happens if connectivity is lost between access points and the cloud?

Due to our controller-free architecture there is zero loss of functionality at the edge should connectivity drop between it and the cloud. access points continue to process client requests, manage performance and enforce policies, all the while caching pertinent event data locally so that it can be uploaded once connectivity is restored.

Is communication to the cloud secure?

All management traffic between access points and the Mojo cloud is AES-256 encrypted. Data traffic is handled locally and does not travel through the Mojo cloud at all. This ensures that the Mojo platform is completely secure and fully CIPA compliant.

Mojo Product Features

• Best-in-class Wireless Security:

Rogue AP detection & prevention through patented techniques, Automated AP & client device classification, Authorized-device association control, Stateful firewall on the access point, Layer-7 (URL) based firewall rules, SSID Scheduling.

• Cloud Managed WiFi for Simplicity:

Web based cloud console for centralized management of distributed networks, Intuitive UI and Dashboard, Hierarchical Tree Based Management, mobile WiFi configuration utility, visual troubleshooting tool, Zero touch access point deployment with auto-discovery of cloud console.

• Reliable WiFi:

Fully intelligent access point (firewall, QoS, RF-Management, roaming, security, etc.), No feature loss in-case of connectivity disruption to the cloud, advanced RF management techniques to support high dense learning environments in challenging RF conditions.

Contact us:

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You can also contact your local reseller to learn more about what Mojo can do for you.