

K-12 Education Solutions

COX  
BUSINESS

# EMBRACING THE New Learning Curve.

Will your technology be able to keep pace?



# Times have changed.

The traditional visual of children sitting in classroom desks supported by teachers utilizing hard-bound text-books, work sheets, and chalk boards to educate the masses has become a thing of the past. Teacher tools and student learning styles have evolved to a learning platform that is now nearly fully digital – a new landscape and frontier where connected devices determine the overall pace of learning and the level of individual student academic achievement. Whether it's teachers accessing software applications and Google Docs in the cloud, or students interacting virtually on laptops or tablets - learning happens in a flash with every click, download and view.





# Facing the challenges.

The technology landscape is moving faster than ever before. Schools face three big challenges: (1) ever-growing connectivity needs to keep pace with new devices, software releases and cloud-based infrastructure, (2) protecting it all by ensuring their network is secure and reliable for faculty, staff, and students alike which takes up valuable internal resources, and (3) securing funding can feel like an uphill climb as administrators work to figure out what can be implemented with the available resources they have and how they will be able to fully support it going forward.





# Digital inequity is real.

Success for “every child” is paramount when it comes to education. For some students, connecting to learning at school may be the only time they can connect at all. Some may be limited at home with availability to electronic devices and in some cases may not even have ample access to the internet at all. This makes it even more critical that their experiences while at school are maximized through connection speeds that accelerate learning as well as remote access to cloud-based materials in a safe environment, be it through neighborhood learning centers or even special programs like Cox’s Connect-2-Compete.





# Feeling that chemistry.

At Cox, we understand this rapidly changing learning environment, and we embrace it. We can partner with your school to help you overcome the challenges and deliver leading technology solutions that will empower your teachers to thrive, drive your students to excel, and support your internal technology experts so that they don't have to go it alone. With 20+ years of education experience serving over 7,500 schools across the country - we listen, we solve, and we deploy custom solutions that bring the classrooms of tomorrow into your classrooms today.





# We live & learn here too.

Because our employees live in the communities we serve, education is both a personal and professional priority for us. We want the best for our families too when it comes to education, and so we are laser-focused on collaborating with school leadership to deliver solutions that match your goals, priorities and challenges. Whether it's bringing schools more connectivity up to 100 Gigs of symmetrical internet through a secure network, or helping you migrate your hardware and software infrastructure into a managed cloud platform to save on operational costs, we are here to partner with you.



# Think outside the box.

Wouldn't it be great if you had the freedom to solely focus on educating children and all the technology, devices, and applications operated seamlessly in the background? That is precisely why we are here. Discover faster speeds that accelerate learning. Take classes outside anywhere on campus with remote Wi-Fi access to the newest technology in a managed, cloud-based environment that is invisible but secure to the end users. Enjoy peace of mind knowing professionals are monitoring and making sure everything runs smoothly. We manage it all so you can focus on what you do best – educate children for a more promising future.





# Why Choose Cox Business.

It is important to remember that Cox Business is so much more than a traditional broadband, video, and telephone service provider. We are innovators at our core - solving the challenges of the day for schools in the areas of connectivity and redundancy, network security, managed cloud services and even connected-campus smart solutions that create a brighter future for everyone. Our experts also become an extension of your own technology team, providing support when you need it most. Sure, there is a lot we can do. But we can do even more when we are working together.



**SPHERES OF CAPABILITIES**  
Education Solutions Portfolio

**COX**  
**BUSINESS**



# CONNECTIVITY & REDUNDANCY

## METRO ETHERNET

### REALLY CONNECT:

Imagine having high bandwidths and being able to seamlessly connect multiple locations while potentially even boosting productivity among both staff and students alike with incredible ease.

## WAVELENGTH SERVICES

### BUILD CONFIDENCE:

Discover a point-to-point powerful connection that moves information faster so you can make decisions more quickly. Includes low-latency dedicated bandwidths and greater up-time.

## INTERNET SERVICES

### EXCEL FASTER:

Watch your faculty, staff and students thrive with fast speeds that both accelerate learning and student outcomes. Ask about Cox Optical dedicated fiber with speeds up to 100Gbps.

## HOSTED VOICE

### TALK IT UP:

Simplify communications across locations with phone systems you can remotely scale and manage from anywhere. IP Centrex provides a cloud-based easy-to-use business voice platform.

\*Ask about services being E-Rate eligible.

# NETWORK & SECURITY

## MANAGED Wi-Fi

### GET OUTSIDE THE BOX:

Imagine taking learning beyond the walls of the classroom safely & securely anywhere on campus via a managed Wi-Fi service. We install all hardware and manage all the connectivity 24/7.

\*Purchase or lease equipment

## NOC as a Service

### ENJOY PEACE OF MIND:

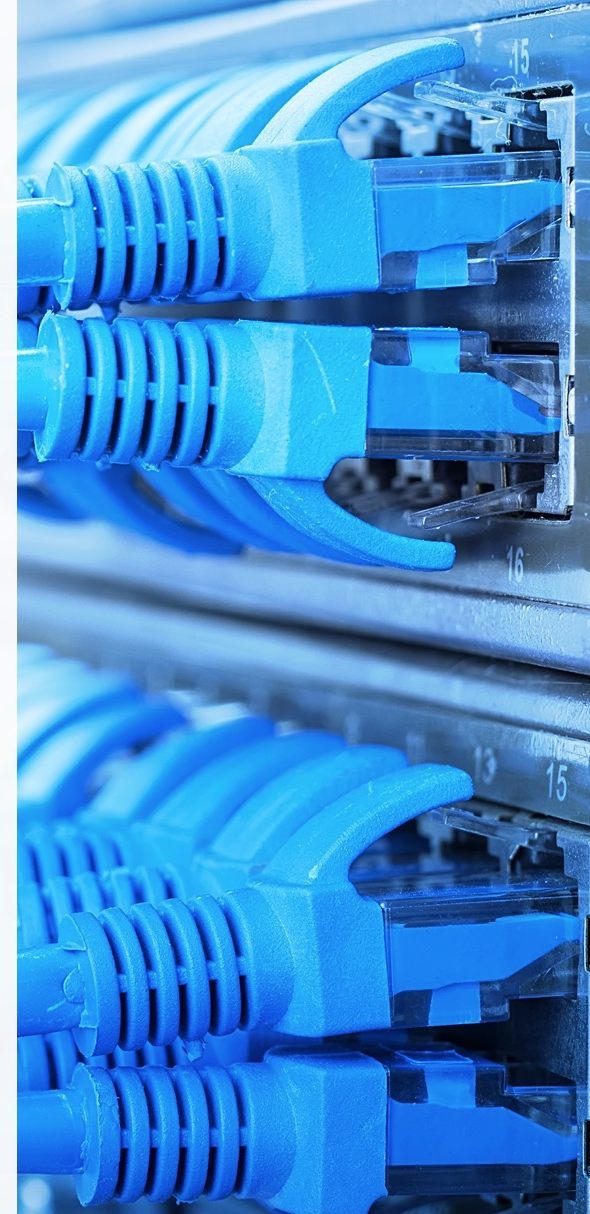
Free up your IT team resources by outsourcing management and monitoring of your network to industry experts. It comes with round the clock protection and SLA's.

## SD-WAN SERVICES

### EXPAND DEVICE USAGE:

SD-WAN helps you to improve workflow efficiency, expand use of virtual desktops & applications, enhance reliability, and reduce both bandwidth needs and operational costs.

\*Ask about services being E-Rate eligible.





# NETWORK & SECURITY

## MANAGED FIREWALL

### KEEP IT VERY SECURE:

Managed Firewall provides advanced malware protection and an adaptive, next-generation firewall service that delivers integrated threat defenses for the entire threat attack continuum.

## EMAIL SECURITY

### PROTECT EMAIL UPTIME:

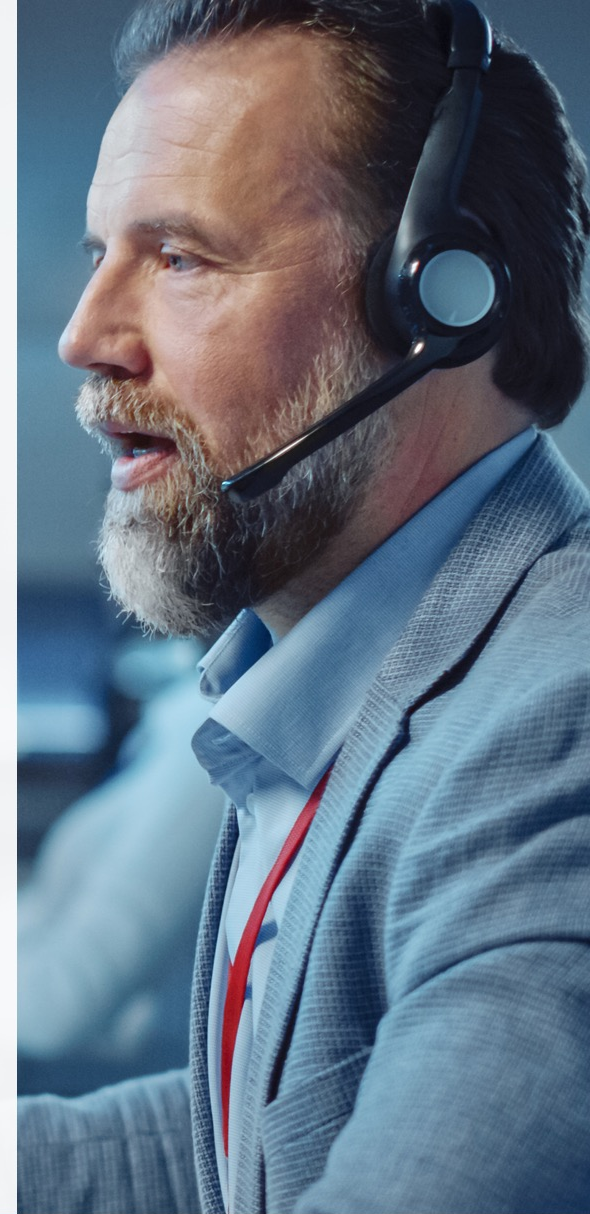
Help to ensure maximum continuity to your email environment during a downtime event. Mimecast's web-based management console gives your IT Team control and enables users to solve via self-service apps.

## DDoS MITIGATION

### COMBAT CYBER ATTACKS:

Our cloud-based Distributed Denial of Service (DDoS) Mitigation solution helps you combat malicious and complex waves of cyber attacks meant to overwhelm your network.

\*Ask about services being E-Rate eligible.



# MANAGED CLOUD SERVICES

## CLOUD DESKTOP

### GO VIRTUAL:

Create a seamless user experience by accessing your physical desktop and all the necessary files and applications from anywhere with an internet connection – all managed for you 24/7.

## INFRASTRUCTURE (aaS)

### FREE UP SPACE & COSTS:

Infrastructure as a Service allows you to migrate your equipment & infrastructure to the cloud and save both time and money on overall maintenance costs for existing equipment.

## CLOUD BACK-UP

### BREATHE EASY:

Enjoy peace of mind knowing all your critical data and applications are backed up and able to be restored in the event of a disaster. Business back-up enables continuous data capture with encryption.

## COX EDGE

### GET IT IN REAL-TIME:

Enhance performance and decision making by gaining real-time insights and analytics from deployed devices that processes content at the device point which mitigates costs of latency.

\*Ask about services being E-Rate eligible.





# CONNECTED CAMPUS

## SMART LIGHTING

### SAVE ON ENERGY COSTS

Gain remote access to the fixture to adjust timing and brightness to help save on energy costs while also using the fixture to serve as Wi-Fi access points and hub for mounted video cameras.

## VIDEO ANALYTICS

### IMPROVE PUBLIC SAFETY

Monitor critical areas of the school campus to help improve public safety and utilize cameras to act as a force multiplier for remote monitoring and real-time alerts in the event of a crisis.

## CURBSIDE SOLUTIONS

### ENHANCE TRAFFIC FLOW

Guide vehicles more efficiently during drop off and pick up times as well as provide carpool staff with devices to improve triaging of students into vehicles making pickup more seamless.

## SMART KIOSKS

### BUILD COMMUNICATION

Utilize digital kiosks as a community hub to build engagement between staff, students and visitors to the campus while also delivering real-time alerts and notifications for timely school updates.

\*Ask about services being E-Rate eligible.

**SMART  
COMMUNITIES**

Smart Lighting

Video Analytics

Curbside Solutions

Smart Kiosks

**COX**  
BUSINESS®

We listen. We collaborate.

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BUSINESS