EQUIP YOUR STUDENTS FOR SUCCESS

A GUIDE TO CLAAS
(computer-lab-as-a-service)

ByteSpeed helped schools from coast to coast quickly transition to remote learning beginning the spring of 2020 when social distancing requirements for COVID-19 meant students could no longer gather in person. Many of those same schools have embraced the opportunity that was introduced during this challenging time to allow new virtual learning opportunity for students in their district, thanks to computer lab as a service (CLaaS). Now, those same districts can offer their students a wider variety of courses without the constraints of available lab space, extend classroom time by offering access to robust applications for homework, and even address distance learning days for teacher in-service or severe weather.

ByteSpeed – CLaaS Remote Computer Lab Solution

Computer Lab as a Service (CLaaS) is developed by ByteSpeed, and is an Amazon AppStream 2.0-powered fully managed service that securely streams desktop programs like Adobe CC, AutoDesk, Office, and some Project Lead the Way-approved applications to any computer or browser.

This means that students will have easier access to learning tools and apps regardless of platform or device for education. It makes no difference whether they're using Chromebooks, Macs, or PCs, and they can sign in from anywhere in the world.

6 Reasons Why Schools Choose ByteSpeed for Dependable CLaaS Services

1.

Fully Managed Solution
ByteSpeed's fully managed solution provides the ongoing maintenance, management, and support of the environment, saving overtaxed IT departments valuable time and resources. With ByteSpeed's easy implementation process, you can get started quickly with classroom access available in as little time as a week.

2.

Diverse Graphics Capabilities
Hardware resources available to students and classes are based on the schools specific application needs and designed to ensure that users have the best possible experience while in the application. Graphics intensive applications like Revit and AutoCAD are built with additional resources to handle the 3D rendering requirements.

3.

Stream Desktop Applications
Stream desktop applications from ByteSpeed's approved list which includes popular applications like Adobe CC, AutoDesk, and the Project Lead the Way Curriculum Suite.

4.

Security as a Priority
ByteSpeed has made it a priority to deliver secure access to desktop applications from any device by providing an application only view to the student, filtering web content, and federating users through either Google or Microsoft.

5.

Works On Any Browser, On Any Device
Make the most out of the hardware investments your schools have made by giving users the ability to stream to any browser, on any device, from anywhere.

6.

Simple, Affordable Alternative
ByteSpeed provides an easier to use and more affordable alternative to traditional VDI solutions like Citrix and Windows Remote Desktop Server. ByteSpeed's different pricing plans allow users to pick the model that works best for their individual needs.

ByteSpeed
Your Complete IT Resource

LOGANSPORT CASE STUDY

How to put a computer lab in more students' hands.

Logansport Community School quickly transitioned to remote learning with the help of ByteSpeed in the spring of 2020 when social distancing requirements for COVID-19 meant students could no longer gather in person.

"We introduced CLaaS to allow students working remotely to do their projects for class on their student devices," says Cyle Dibble, director of technology at the Logansport Community School Corporation. **"Without this solution, students would not be able to do their work and participate in class remotely."**

Several of the options that Logansport considered were cost-prohibitive. However, after discovering ByteSpeed's CLaaS solution, the school was happy to find a fully managed solution within their budget. Rather than charge a subscription fee, ByteSpeed charges based per user within CLaaS.

To launch the new service, Logansport simply needed to provide a purchase order based on ByteSpeed's quote. *"We have not incurred any extra fees to get CLaaS up and running,"* Dibble says. Implementation took just a few days. *"After that, it was a matter of monitoring and making adjustments to the number of resources available for students and at what times,"* Dibble says.

The school district achieved its' primary goal of ensuring that students had the same opportunities to learn, regardless of whether they were in the classroom or at home.

"We plan to keep this solution and make it available for after-school hours and for eLearning days," Dibble says.

Whether a student needs to catch up on a project after dinner, or a teacher needs to deliver a lesson remotely on a snow day, students will have ready access to the educational tools they need.

ByteSpeed®
Your Complete IT Resource

What to Consider When Getting Ready to Deploy CLaaS

While the setup process is simple, there are a few things to consider when getting ready to deploy CLaaS.

What is the role of your virtual computer lab?

In a typical on-campus environment, the computer lab's primary purpose is to give all students access to equipment and software applications so that they may learn.

CLaaS can help you accomplish the same objectives that you have for your physical computer lab while increasing accessibility and reducing expenses.

How many students will access the virtual computer lab?

ByteSpeed's CLaaS pricing model is based on the total number of users (students, teachers, or administration) that will log into the environment for the entire school year. The customized pricing plans allow for users to decide if they need a supplemental tool for application usage (inclement weather and homework for example), or scheduled usage like you would have with traditional labs.

What software applications do students need?

It's recommended that you make a list of the programs (and their system requirements) that are essential for your students to use in the virtual laboratory area. It's also important to know what licenses you need, and if they are named-user licenses or server-licensed.

How will you authenticate users of your virtual lab space?

ByteSpeed's CLaaS solution provides for the ability to authentic users through Google Workspaces or Microsoft Azure Active Directory.

What resources will students be able to access from the virtual lab space, such as browsing internet sites? How can access be restricted?

ByteSpeed can provide content filtering for traffic or leverage an existing solution schools have in place (Web based DNS filter). While using CLaaS, students are restricted from accessing the windows interface and locked into the application they are in.

How will students access and save their work while using CLaaS?

Students will easily connect either Google Drive or OneDrive to their session to open and save their work.

REQUEST A FREE TRIAL TODAY

Try ByteSpeed CLaaS for 24 hours to decide if it's the right solution for your school.

Visit **bytespeed.com/claas**

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