



Mimio MicroCloud

Cloud Content for any Classroom

Mimio MicroCloud allows educators to deliver a rich learning experience in any classroom. Dramatically simplify and manage the delivery of digital content and e-learning capabilities to schools, regardless of infrastructure challenges or internet connectivity limitations. The Mimio MicroCloud solution offers a range of powerful capabilities, making it easy for students, teachers, and administrators to curate, publish, manage, and consume content. All delivered in a framework that is powerful, flexible, and customizable.

MIMIO MICROCLOUD IS COMPRISED OF:



MIMIO MICROCLOUD APPLIANCE

The Mimio MicroCloud Appliance is a complete, end-to-end solution that creates a safe network environment with a local content repository and e-learning tools. Designed for clusters of classrooms, or small schools, it can accommodate up to 200 students over a Local Area Network (LAN). The MicroCloud appliance provides a Wi-Fi access point to allow easy connection to locally cached resources. Teachers and students can connect classroom devices like Interactive Flat Panel Displays, Chromebooks, laptops etc. to the LAN for access to learning materials even when the Internet is not available.



MIMIO MICROCLOUD CONTROL

The Mimio MicroCloud Control provides a centralized, cloud-based portal for the creation, selection, curation, and distribution of content and applications. Whenever a connection is available, an administrator can remotely access devices, apply custom configurations, run maintenance, check for updates and add new content. This allows an entire region to change/edit the content any time, anywhere, and know that it will sync whenever the MicroCloud appliance next connects.



MIMIO MICROCLOUD FOUNDATION LMS

Our solution comes with Foundation LMS, a basic learning management system that provides student and teacher access to resources to enable the e-learning experience. The LMS provides teachers a way to organize content, give out assignments, and track results. For students, the LMS is also key, as it provides easy access to all content and assignments, creating a complete digital learning experience.

To learn more visit boxlight.com/mimio-microcloud

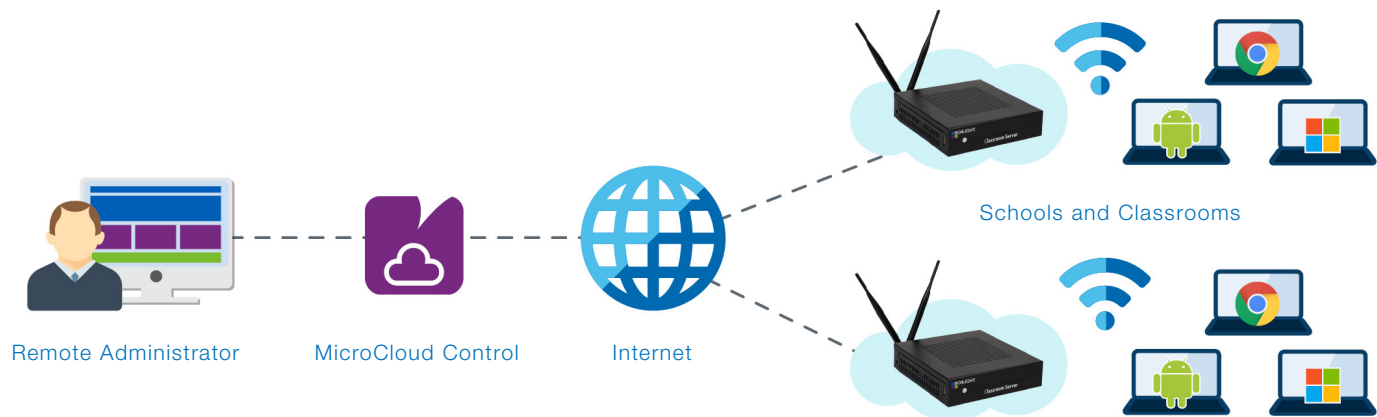




WHOLE-CLASS LEARNING

END-TO-END SOLUTION

The Mimio MicroCloud solution integrates cloud-based content, curation, and management with a local point of presence. The result is the power of cloud-based e-learning, even in locations that may not always have internet access.



The Mimio MicroCloud provides a local Wi-Fi access point so that students and teachers can connect directly with the device and access all applications, services, and content directly—even if upstream network services are not available.



Secure and Centralized Management

Teachers and students can access your digital content instantly from a local repository.

An administrator can manage content and configuration of hundreds of schools from a central location.

Manage user accounts and set the appropriate permissions for students and teachers.



Enhances CONNECTED Schools

Improve your Internet speed by caching HTTP and HTTPS pages and prioritizing access by user profile.



Enables e-Learning in environments in NON-CONNECTED Schools

Millions of students can't reach the global knowledge and resources that e-Learning provides due to limitations in infrastructure and connectivity. The MimioCloud changes all of that by creating an easy-to-use and manage LAN network, that provides access even when the Internet is not available.



Easy. Powerful. Compatible.

Plug-and-play solution with no complex infrastructure required.

Works across all educational environments regardless of location.

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Mimio MicroCloud™ Solution



WHOLE-CLASS LEARNING

MimioCloud Appliance



Dimensions (cm) 18.5 x 4.4 x 19.7

Storage Up to 2 TB

Embedded WiFi Access Point Optional (bgn/ac) up to 50 concurrent users

Intel processor Celeron Core i3/i5/i7

Supported users 50 100 to 200

Ethernet Wan Interface (1Gb Ethernet) Yes Yes

Ethernet LAN Interface (1Gb Ethernet) Yes Yes

Mobile interface (3G/4G) Optional Optional

Battery backup Optional Optional

Digital Content Repository Supports any type of content (static websites, Office files, PDF, video, audio, images)

Offline Wikipedia Wiki type of content (encyclopedia, dictionaries, etc.)

Video Caching Download video from URL for offline viewing

Preloaded Content Project-specific or publicly-available content can be preloaded at manufacturing

Lesson planning Teachers can aggregate related content packages in class-specific lessons

Learning Management System Interactive LMS based on latest Moodle version

Local Network & Domain Local network for teachers and students with Active Directory compatible domain, DNS, DHCP

User Authentication Support user authentication with local or remote single sign-on capability

Profile Management Support profile management with preconfigured standards for administrators, teachers, students and guests

Customizable Interface Organization or school configurable logos and color branding

Landing page Configurable landing page per user profile (e.g. Student page; Teacher page)

3rd party applications Easily adds additional applications (Docker or VM)

Internet Gateway Routes and controls Internet bound traffic by profile

Internet Caching Optimize Internet usage by caching HTTP and HTTPS requests

Whitelisting Optionally filter and limit Internet access by user profile

Firewall Protects access to Mimio MicroCloud applications from outside users

Mimio MicroCloud Control Centralized dashboard for content management and distribution to Mimio MicroCloud Appliances

Cloud VPN Enables easy access to Mimio MicroCloud for remote management/troubleshooting

Online updates System software updates from Critical Links managed update center

MIMIO MICROCLOUD APPLIANCE



E-LEARNING FEATURES



ADMIN FEATURES



INTERNET FEATURES



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