

# DELIVERING E-LEARNING AROUND THE WORLD

Regardless of internet connection and infrastructure limitations



To deliver the learning experience required in today's world, technology tools and instant access to digital content are key.

**C3 Micro-Cloud** is a learning solution that dramatically simplifies and guarantees the delivery and access of digital content, applications, and e-learning capabilities to schools, regardless of infrastructure challenges or internet connectivity limitations.

The **C3 Micro-Cloud** is your answer to a global problem!

## MAJOR COMPONENTS



## C3 Micro-Cloud KEY FEATURES



### Micro-Cloud

Plug-and-play micro-cloud solution with powerful educational tools



### Wi-Fi Access Point

Enables users to easily access C3 Micro-Cloud resources



### Digital Content & Apps

Access your digital content or apps, or explore our catalog



### Artificial Intelligence\*

Boosts productivity and creativity, empowering educators



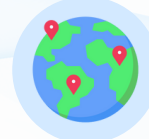
### Internet Speed

Accelerates internet speed with intelligent dynamic caching (videos/pages)



### Centralized Management

Manages hundreds of Micro-Clouds remotely from a central dashboard



### Any Environment

Works across all educational environments (urban, remote, private, and more)

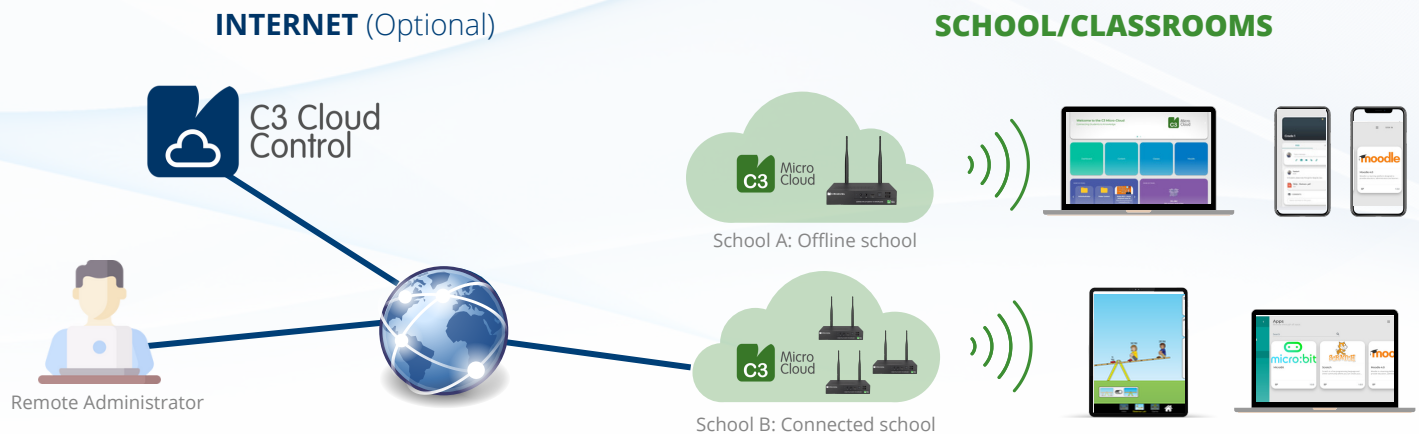


### Compatible Devices

Compatible with any device/OS — laptops, tablets, interactive boards, mobiles

# HOW DOES C3 MICRO-CLOUD WORK?

The **C3 Micro-Cloud** provides a local, cloud-based learning environment accessible via an embedded Wi-Fi access point or an external LAN connection, depending on the model and local infrastructure. This enables students and teachers to easily access digital content, educational tools, and applications directly from their devices – even when upstream network services are unavailable.



Learning content, applications, and configuration can be centrally defined in **C3 Cloud Control**, and distributed to any authorized **C3 Micro-Cloud** whenever a network link is available (or via USB drives for offline schools).

Teachers can also load their own content locally for use with their students, providing a more customized learning experience.

Usage statistics, as well as connectivity history and updates, are provided to help administrators manage the system and make informed decisions.



**Foundation LMS** provides students with a simple yet powerful approach to accessing content while offering teachers a way to organize available materials into classes that align with their students' learning curriculum, ensuring direct access to the most relevant resources.

Through the Classroom Social Feed, students can send messages, comment on posts, clarify doubts, and engage in discussions on relevant topics within a dynamic and supportive learning environment.

For more advanced requirements, **C3 Micro-Cloud** ships with Moodle, a leading LMS pre-installed to allow more advanced implementations of the e-learning experience.

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# PRODUCT PORTFOLIO



Model	Classroom	Classroom AI	Hybrid 100	Hybrid 300	School 500	School 1000
Licensed Concurrent Users	Up to 50	Up to 50	Up to 100	Up to 300	Up to 500	Up to 1000
RAM	8GB DDR5	32GB DDR5	8GB DDR4	16GB DDR4	24GB DDR4	32GB DDR4
Processor	Intel Celeron	Intel Core Ultra 5	Intel Celeron	Intel Core i3	Intel Xeon	Intel Xeon
Storage	Up to 1TB	Up to 4TB	Up to 4TB	Up to 4TB	TBD	TBD
Battery Option	External	External	External	External	-	-
Wi-Fi Access Point (bgn/ac)	Up to 50	Up to 50	Up to 100	Up to 100	-	-
Ethernet WAN	1Gbps	2.5Gbps	1Gbps	1Gbps	1Gbps	1Gbps
Ethernet LAN	1Gbps	2.5Gbps	1Gbps	1Gbps	1Gbps	1Gbps
AI Features Support	-	Yes	-	-	-	-
Digital Content Repository	Supports any type of content (static websites, Office files, PDF, video, audio, images)					 Learning Features
Offline Resources	Wikipedia, Khan Academy, PHET, CK-12, OpenStax, Microbit, Geogebra, Scratch, WordPress, and others					
Video Caching	Easily download videos from a URL for offline viewing with a single click					
Pre-Loaded Content	Project-specific or publicly available content can be pre-loaded during manufacturing					
Lesson Planning	Teachers can aggregate related content packages into class-specific lessons					
LMS	Interactive LMS based on the latest version of Moodle					
Classroom Social Feed	Social feed where students and teachers have the ability to engage					
Local Network & Domain	Creates a local network for teachers and students with an Active Directory-compatible domain					 Administration Features
User Authentication	Supports user authentication with local or remote single sign-on capability					
Profile Management	Supports profile management with preconfigured standards for different users					
Customizable Interface	Configurable logos and color branding options for organizations or schools					
Landing Page	Configurable landing page for each user profile (e.g., student page, teacher page)					
3rd Party Applications	Allows easy integration of additional third-party applications into the C3 Micro-Cloud (App Hub)					
Internet Gateway	Routes and controls internet-bound traffic based on user profile					 Internet Features
Internet Caching	Optimizes internet usage by caching HTTPS requests					
Whitelisting	Optionally filters and limits internet access based on user profile					
Firewall	Protects access to C3 Micro-Cloud applications from external users					
C3 Cloud Control	Centralized dashboard for content distribution and configuration management					
CloudVPN	Enables easy access to the C3 Micro-Cloud for remote management and troubleshooting					
Online Updates	System software updates from Critical Links managed update center					
Lesson Planner	Automatically generates lesson plans based on curriculum and goals					 AI Features*
Topic Explainer	Provides comprehensive support in preparing and explaining a wide range of topics					
Quiz Generator	Quickly creates quizzes and tests tailored to the lessons being taught					
Study Planner	Organizes study plans tailored to each student's pace and class content					
Proofreader	Automatically reviews and corrects spelling, grammar, and structure in students' texts					
Text Translator	Enables the translation of educational content into multiple languages					
Chatbot	Chat assistant to answer any type of educational questions					

\* Requires a C3 Micro-Cloud model that supports AI features

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