

Rebuilding K-12 Live Learning: ClassQuip Launches Browser-Native Platform Free for Teachers

Engineered specifically for district Chromebooks and low-bandwidth networks, ClassQuip unifies video, whiteboards, AI polls, and table breakouts into one tab—offering individual educators a 100% free alternative to clunky meeting apps.



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release of its browser-native virtual classroom platform designed specifically for K–12 live instruction. The software consolidates video conferencing, interactive whiteboards, formative assessments, and breakout groups into a single browser tab, addressing the operational friction teachers face when managing multiple disconnected web applications during live classes.

Designed to operate on district-issued Chromebooks and low-bandwidth home networks, the platform allows teachers to launch a fully configured live learning environment in under 30 seconds using a single reusable link.

Unlike general-purpose video meeting tools, ClassQuip utilizes a proprietary WebRTC media routing architecture supported by dedicated signaling and TURN server infrastructure. The system automatically optimizes media streams during network congestion, prioritizing audio continuity to prevent connection drops for students on weak Wi-Fi networks.

"Standard video meeting tools simply weren't built for K–12 hardware or real-world home Wi-Fi conditions," said Austin Buhl, Co-Founder of ClassQuip. "By pairing our low-bandwidth media engine with FERPA-compliant AI and native ClassLink integration, we're giving districts a reliable, zero-install classroom environment that respects both teacher time and student privacy."

Primary technical capabilities of the platform include:

- **Zero-Install Infrastructure:** Operates entirely within standard web browsers on Chromebooks, laptops, and mobile devices without requiring software downloads or administrative permissions.
- **Unified Instructional Toolkit:** Integrates live video streams with the interactive Quip Board (whiteboard), Quip Deck (meeting tools), 1-click table breakouts, real-time polling, and participation metrics.
- **PII-Stripping AI Engine:** Features in-room AI tools (Quip Intelligence) for lesson planning and concept checks. A proprietary data-stripping layer anonymizes student information before model processing to maintain FERPA and COPPA compliance.
- **District SIS and Identity Integration:** Supports ClassLink Single Sign-On (SSO), OpenID Connect, OneRoster 1.3 syncing, and LTI standards for LMS deployment. Automated attendance logging exports directly to district Student Information Systems (SIS) to support state Full-Time Equivalency (FTE) reporting.

ClassQuip's core virtual classroom is available immediately at no cost for individual educators, offering a permanent room link for up to 30 concurrent live participants.

For asynchronous instruction, ClassQuip offers Teacher Pro (\$8/month), which adds Studio Mode for recording interactive video lessons with embedded poll checkpoints. District site licensing covers all rostered accounts with centralized administrative management, compliance auditing, and annual purchase order billing.

Educators can set up an account or access a live, no-account demo at <https://classquip.com>.

About ClassQuip

ClassQuip, a Delaware Corporation, is a browser-native virtual classroom platform built for K–12 live instruction. Developed within the AltaLab F26 cohort ran by AltaIR Capital, ClassQuip combines low-bandwidth video, interactive lesson delivery, and school-safe AI within a single tab. Learn more at <https://classquip.com>.

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