



# DELIVERING IMMERSIVE LEARNING TECHNOLOGY TO MODERNIZE EDUCATION SPACES

## The Intel Unite® solution for education

Creating an immersive classroom environment for students that fosters active learning, problem solving, and collaboration is among the top goals for educators today. Technology offers a powerful unifying force—enabling flexible instruction delivery options that help reach students in meaningful ways.

A combination of budget constraints and technology limitations have created obstacles to achieving these goals. Today, technology tethers teachers to their desk or whiteboard, limiting their ability to interact with students individually on classroom content. IT staff also face challenges adopting new technologies at price points that are in line with classroom budgets. Furthermore, IT doesn't have an easy way to seamlessly and more securely implement and manage the technology.

## Now there's a simple, affordable solution to turn today's classrooms into modern learning environments where teachers, students, and IT benefit.

Intel Unite is an easy-to-use content-sharing solution that brings a new level of collaboration to the K–12 and higher education experience. It allows teachers to move freely around the classroom with the built-in controls they seek for content sharing. Peripherals can be easily integrated, for example, by activating a document camera from the back of the room. This creates an interactive classroom experience where teachers can engage students 1:1 and move from a passive to an active teaching model. Students also have an easy way to share their screens wirelessly on many devices for enhanced participation while teachers can use moderator controls to manage content that is shown. Seamless remote viewing helps overcome visual

impairments, as well as obstructed screen views, while extending the classroom experience to guest experts and off-site students.

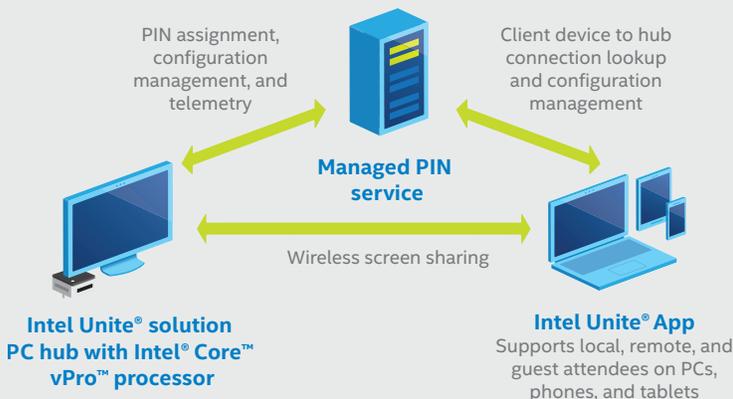
The Intel Unite solution is an open platform that also drives unique value for IT. IT can easily implement the solution to support existing classroom environments with either the on-premise or new Intel Unite® Cloud Service. The solution is built on top of the Intel vPro® platform for trusted performance, security, and manageability. This includes enterprise-level encryption, six-digit PINs for more secure access codes, and remote monitoring and management for easy diagnosis and troubleshooting.

### COMPONENTS OF THE INTEL UNITE® SOLUTION

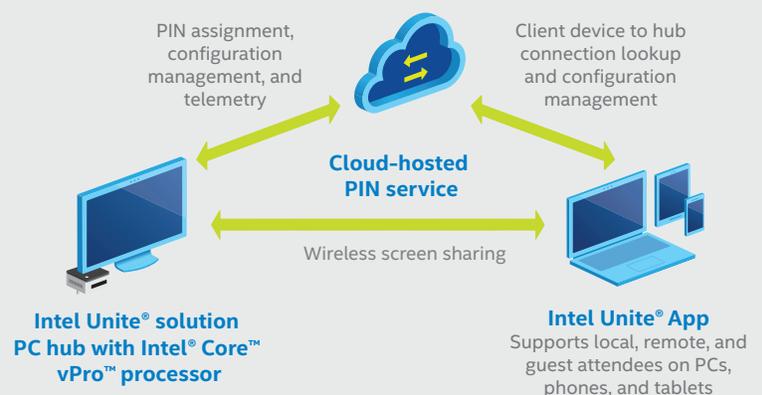
## THE INTEL UNITE SOLUTION COMBINES:



### Teachers and students launch the Intel Unite® app, immediately displaying or viewing content.



The on-premises option features an Intel Unite® solution PC hub, managed PIN service, and the Intel Unite client app



The Intel Unite® Cloud Service option connects directly to the Intel Unite® solution PC hub and supports the Intel Unite client app

## DELIVER A GREAT LEARNING EXPERIENCE



- **Easy content collaboration:** Teachers and students on the school network can easily start and join a session and wirelessly view and share content from their screens on any device from anywhere in the classroom or remotely.
- **Touch enabled:** Easily manage lessons from the front of the classroom with a touch-enabled display. The inclusion of screen control (touchback) allows teachers and students with Windows 10 clients to untether from their devices and control presentations from the room display.
- **Moderated controls:** Built-in session controls enable teachers to promote and activate new moderators and regulate who presents and views content.
- **Simultaneous screen sharing:** Teachers and students can simultaneously present up to four presentations per display at a time (on up to four displays), creating collaborative learning experiences.
- **Annotation:** The teacher can underscore points for emphasis using built-in annotation features.
- **PIN:** Enter a six-digit PIN to create a simple yet more secure connection for teachers and students. Teachers also have the ability to use the same PIN to start a sharing session.
- **Interactive user interface:** Start learning sessions quickly, with seamless content sharing whether in the classroom or remotely.



- **Easy deployment:** IT can centrally deploy the Intel Unite® solution through the Intel Unite admin portal, saving IT time and headaches. The result is that teachers and students can quickly get up and running.
- **Security and manageability:** The Intel Unite solution is built on top of the Intel vPro® platform for added performance, more security, end-to-end data encryption, and remote manageability.
- **Configurable rotating PIN:** Helps ensure that only teachers, students, and guests invited to a lesson attend.
- **Flexible architecture:** IT can easily customize the user interface based on the needs of the school. Backgrounds can be customized for schools, departments, or functions while maintaining a single image build across the environment.
- **Cost-effective total cost of ownership (TCO):** Affordable solution, whether on-premise or cloud hosted. The solution grows with your school, so existing investments are maximized.
- **Open platform:** The open architecture enables a growing portfolio of ecosystem plugins, such as whiteboards and document cameras, for more immersive experiences. Works with existing classroom technology to maximize investments while providing broad device support across Windows 10, macOS, iOS devices, Android devices, Chromebooks, and Linux-based (Fedora, Red Hat, and Ubuntu) devices.
- **Analytics and usage:** Provides near-real-time data for tracking and insight on classroom usage.

## INTEL UNITE CLOUD SERVICE

To give IT more options, convenience, and flexibility, Intel offers the Intel Unite solution in the cloud, as well as on-premise. The Intel Unite Cloud Service has the same features you can expect from the on-premise option, offering more secure, wireless content sharing for classrooms, remote students, and guests.

The Intel Unite Cloud Service allows the PIN server to be deployed in the cloud and easily managed within the admin portal.

## CREATING AN ACTIVE LEARNING ENVIRONMENT WITH INTEL UNITE PLUGINS

The Intel Unite solution integrates with a breadth of classroom technology categories. Experience support for touchscreen displays and smartboards from providers like FlatFrog to integration with leading document cameras from Elmo and HoverCam. Remote students or faculty can easily join the class or meeting session with support for popular unified communication apps like Zoom and Skype for Business.

**To see the growing list of apps for the Intel Unite solution, check the app showcase at [uniteappshowcase.intel.com](http://uniteappshowcase.intel.com).**

The Intel Unite Cloud Service is designed to make it even easier to adopt the Intel Unite solution in learning environments.

- Gain a cost-effective, education-quality collaboration solution with low overhead costs
- Benefit from ease of deployment and low maintenance for IT while serving the needs of teachers and students

## SUPPORTED DEVICES

### CONNECTING IS EASY.

Teachers and students can share or view content fast from:

**Chromebooks**

**PCs with Windows and Linux**

**Macs**

**iPads**

**Android devices**

## LEARN MORE

Visit [intel.com/unite](http://intel.com/unite).

Explore the Intel Unite Cloud Service at [intel.com/unitecloudservice](http://intel.com/unitecloudservice).



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