HP

HP Hybrid Teaching Solution

A blended model for remote and in-class instruction

Education is Rapidly Evolving

- 40% of the largest K-12 school districts in the U.S. planned to start the 2020 school year in-person or in a hybrid education model.[1]

- A survey from a major school district in Pennsylvania concluded that 1/3 of the parents would opt for remote learning over in-class learning when school opened in the Fall.

- With distance learning becoming a more permanent fixture, collaborative learning approaches will become essential for all students.[2]

- Even pre-pandemic, Higher Education was growing online programs to scale and service an increasing non-traditional student population.[3]

Remote Teaching Options Fall Short

- Asynchronous learning is a big step down – disengaging for both teacher and student.

- The virtual experience needs to closely match the physical experience without added complexity from technology tools.
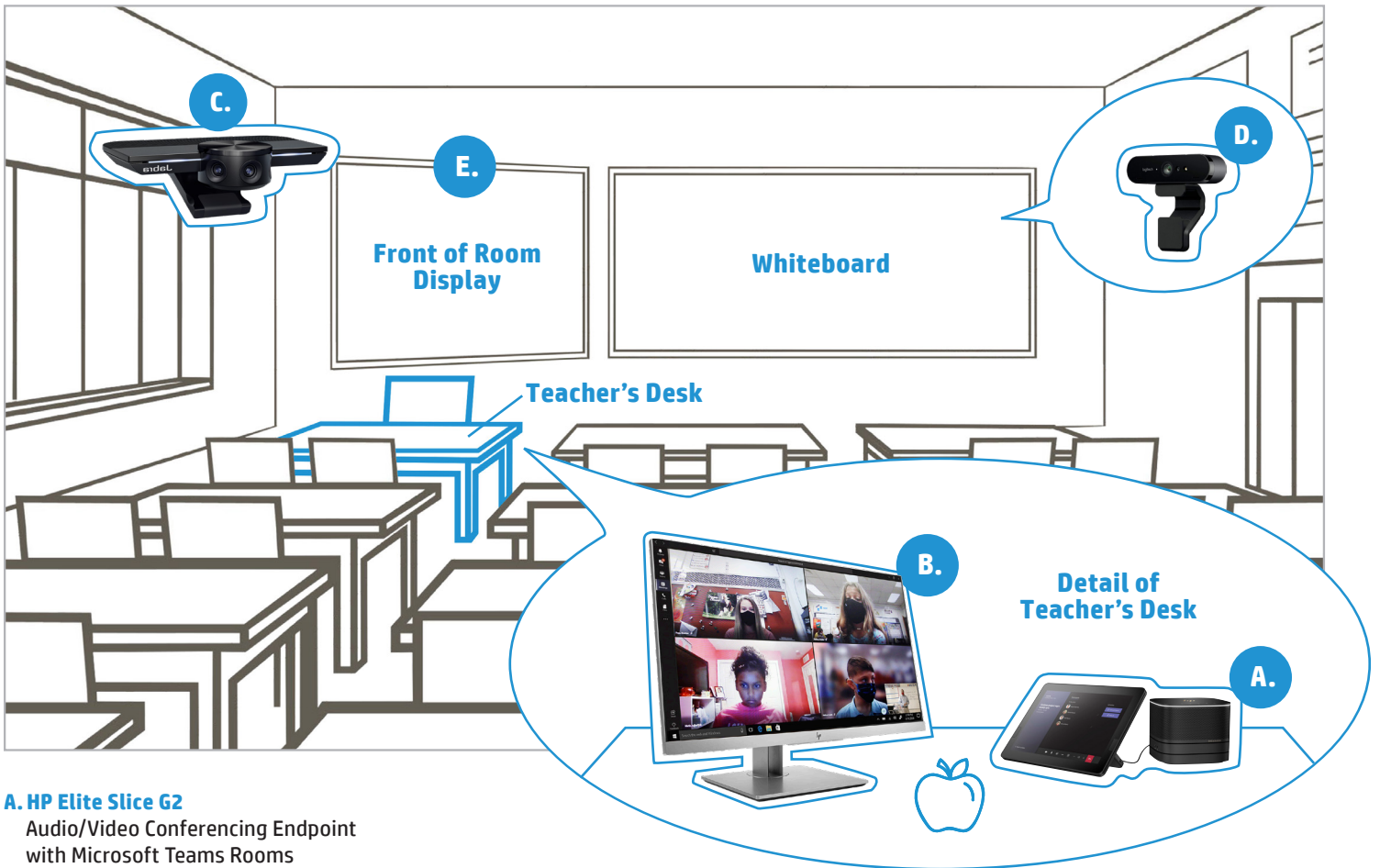

"It's like teaching to a brick wall"
– TFH, U.S. (Higher Ed)[4]

Solutions enabling real-time teacher student engagement

While teachers, students and parents are adapting to changes, expectations for an improved experience are stronger than ever. HP is enabling better learning solutions for real-time hybrid education from the classroom, without complicating teacher workflows.

- Teachers can schedule class periods for simple "one-touch join" to start classes with remote students using the intuitive interface in Microsoft Teams Rooms.

- Remote students can join the scheduled class with Microsoft Teams and then see and hear the teacher and instructional content, virtually raise their hand for questions and share their own content.

- In-room teachers and classmates can see, hear and engage with remote students in the meeting.

- Teachers can be seen anywhere in front of the classroom and easily share documents from a PC or content from the whiteboard. All with the push of a button.

- Classes can be recorded and include closed captioning for remote students. Transcriptions/closed captioning is available in recorded classes with on-demand playback.

- Teachers remain in control of the hybrid classroom. Able to start and stop class sessions; manage what in-room and remote students see and hear; and direct remote student participation.

Classroom Configuration of a Hybrid Teaching Solution

C.

E.

D.

Front of Room Display

Whiteboard

Teacher's Desk

B.

Detail of Teacher's Desk

A.

A. HP Elite Slice G2
Audio/Video Conferencing Endpoint
with Microsoft Teams Rooms

B. HP EliteDisplay
Confidence Monitor Displaying
Remote Students

C. Jabra Panacast
Teacher Camera & Mount

D. Logitech Brio
Content Camera & Mount

E. Front of Room Display
Shows Educational Content and/or
Remote Students

Photo (Above):
HP Elite Slice G2 and HP EliteDisplay Confidence Monitor in the classroom.

Continued from: "Classroom Configuration of a Hybrid Teaching Solution."
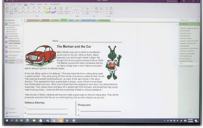

Photo (Above): *HP Hybrid Teaching Solution in the classroom — sharing objects with the content camera.*

Photo (Above & Right): *HP EliteBook laptop for real-time remote learning.*

One-Touch Video Conferencing

- **Scalable** for different spaces
- **Intuitive** and **easy user experience**
- **Low cost** and **ability to integrate** with existing collaboration tools

Conferencing Endpoint	Teacher Camera	Whiteboard Sharing	Displays
Solution			

**HP Elite Slice G2
with Microsoft Teams Rooms**

- Built-in speakers (4)
- Built-in mics (4)

PN: 3ZH60UT#ABA

Jabra Panacast

- 180 degree 4k

PN: C002350

Logitech Brio

- 4K webcam as content camera

PN: A982924

HP EliteDisplay E243
Confidence Monitor displaying remote students

PN: 1FH47A8#ABA

Front of Room Display
(Large Format Display** or Projector)

Upgrade Options

Endpoint: HP Elite Slice G2 Audio Ready (pairs with certified AV peripherals)

Audio: Vaddio EasyTalk with 2 speakers and mics; Biamp Large Room ceiling speaker/mic bundle; lapel/lavalier mic system for teacher***

Confidence Monitor: HP Z23n G2 Display*

Services: HP 5 Yr Next Business Day Onsite Extended Warranty Care Pack****

* HP Z23n G2 display (confidence monitor option)

** HP Large Format Interactive Displays (LD6501, LD7501, LD8601)

*** 3rd Party AV Option Examples: Vaddio EasyTalk bundle; BiAmp Large Room bundle

**** 5 year NBD Care Pack: HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Footnotes / Disclaimers:

1. https://www.cnn.com/2020/08/01/health/us-coronavirus-saturday/index.html
2. Sparks and Honey Q. March 21,2020 – June 17, 2020 1,268,038 signals.
3. 2020 EDUCAUSE Horizon Report, Teaching and Learning Edition.
4. Work, teach and learn at home, Digital Ethnographies 2020.