datavideo

Live Productions, Presentations, & Conferencing Solutions

- Streaming
- Recording
- Online Conferencing

2023

Worship

Live Events

Education

● **Production**   ● **Presentation**

Government

Corporate

Remote

4K60p IMAG & 4K Recording
3-PTZ HDBaseT Production with Tracking

PTC-285T

WM-1

HDBaseT
CAT6 (PoE)
100m

PTC-305T

WM-1

HDBaseT
CAT6 (PoE)
100m

PTC-285T

WM-1

HDBaseT
CAT6 (PoE)
100m

4K Projector

4K Projector
(not included)

HDMI

HBT-30

MP4 HD Card Recording
(not included)

SHOWCAST 100

AND

4K HDMI (3x)

RS-422 (3x)

HDMI

HDMI

XLR (L)

XLR (R)

Laptop
(not included)

Audio Mixer
(not included)

Datavideo products included in the workflow:

- **SHOWCAST 100**
  Single Operator & Single Cable 4K Production Studio

- **PTC-285T**
  (2) 12x 4K HDBaseT PTZ Camera with Tracking

- **PTC-305T**
  20x 4K HDBaseT PTZ Camera with Tracking

- **HBT-30**
  3-Channel 4K HDBaseT Receiver

- **WM-1**
  3 - PTZ Camera Wall Mount

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Single Operator Production with HDBaseT
2-PTZ Cameras, Stream, & Record

HDBaseT
Cat6
(PoE)

PTC-140TW **WM-1W**

HS-1600T MARK II

Pastor Phil

AND

MP4 SD Card
Recording (not included)

XLR (L)
XLR (R)
HDMI
HDMI

HDBaseT
Cat6
(PoE)

PTC-140TW **WM-1W**

Audio Mixer
(not included)

Laptop
(not included)

CAP-2

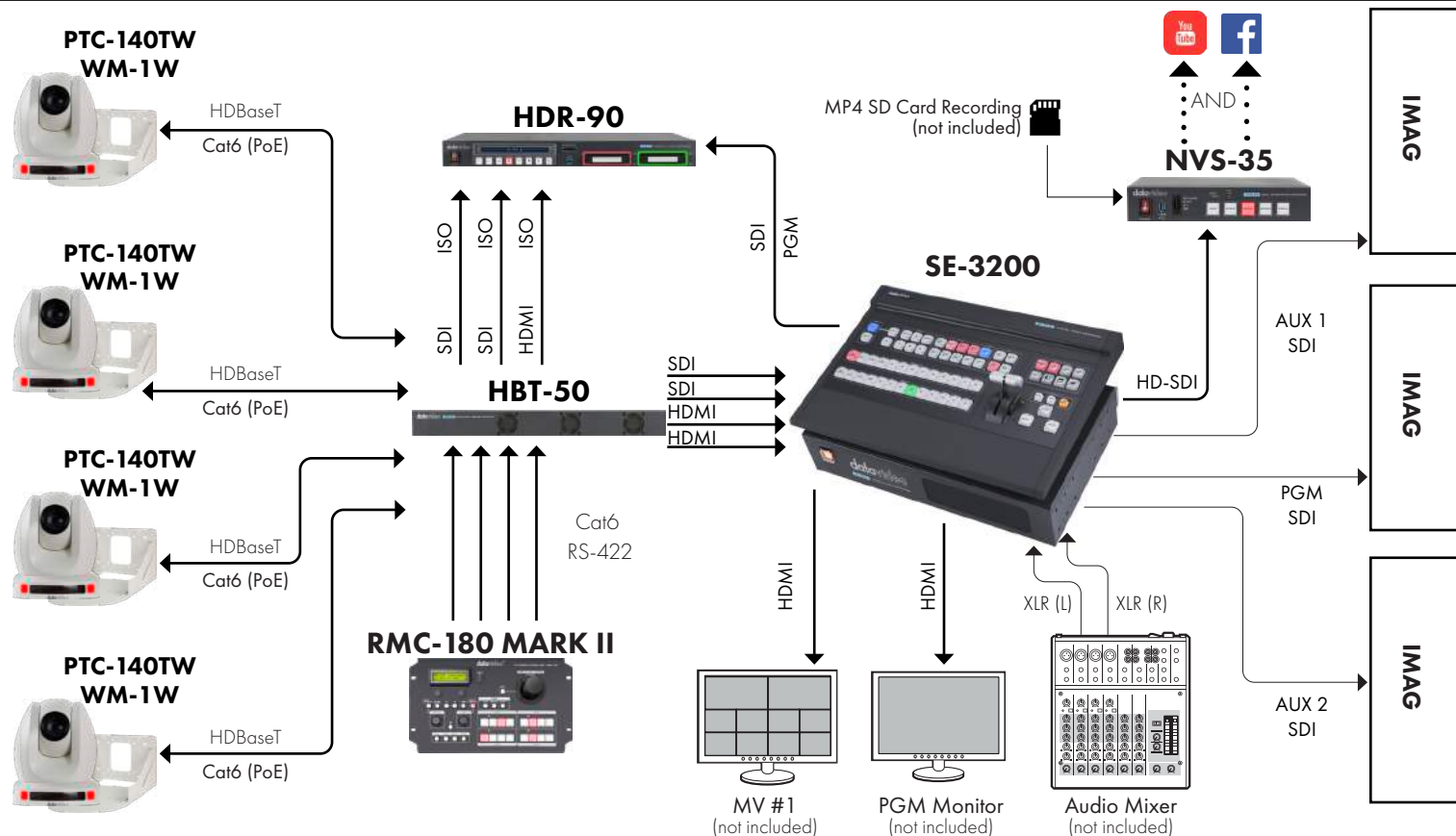Optional
$279

USB 3.0

OR

Laptop
(not included)
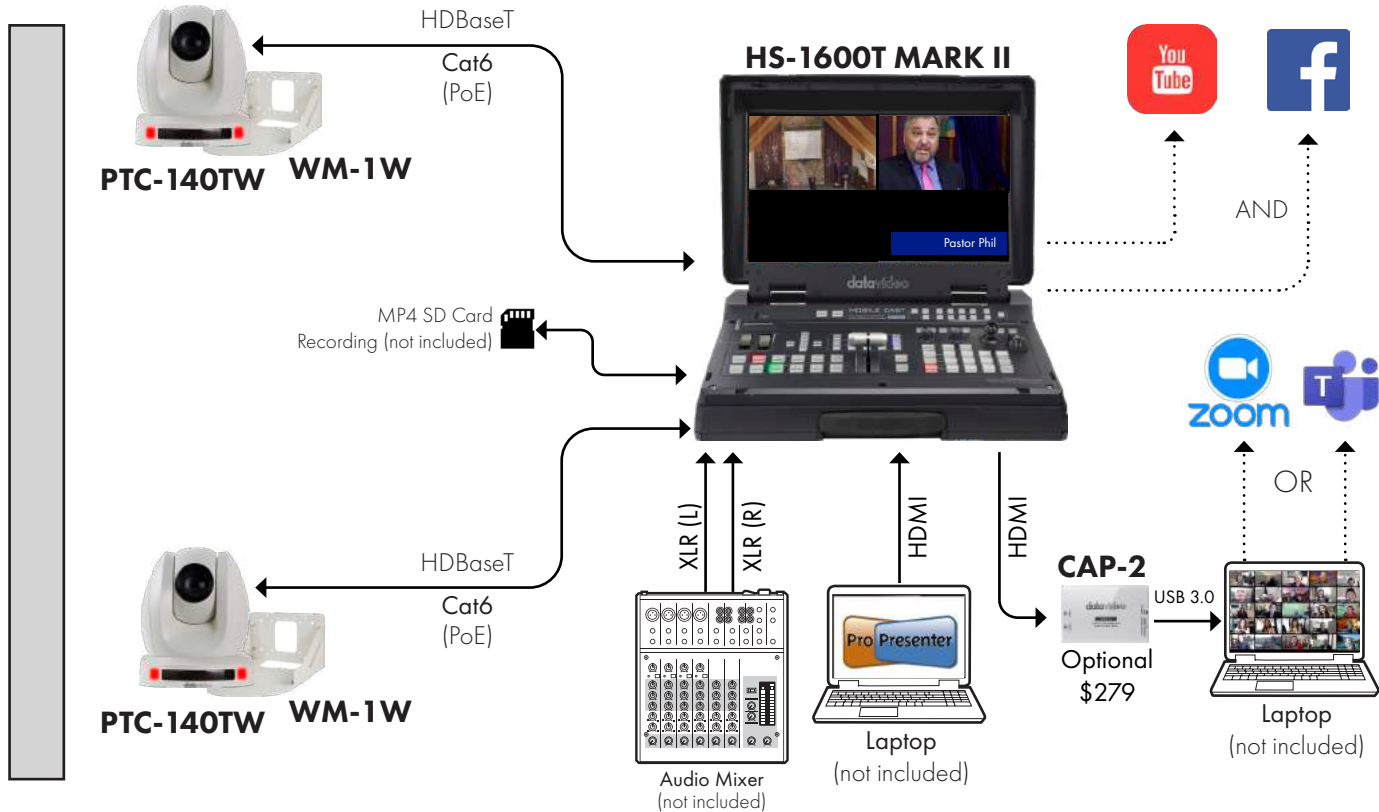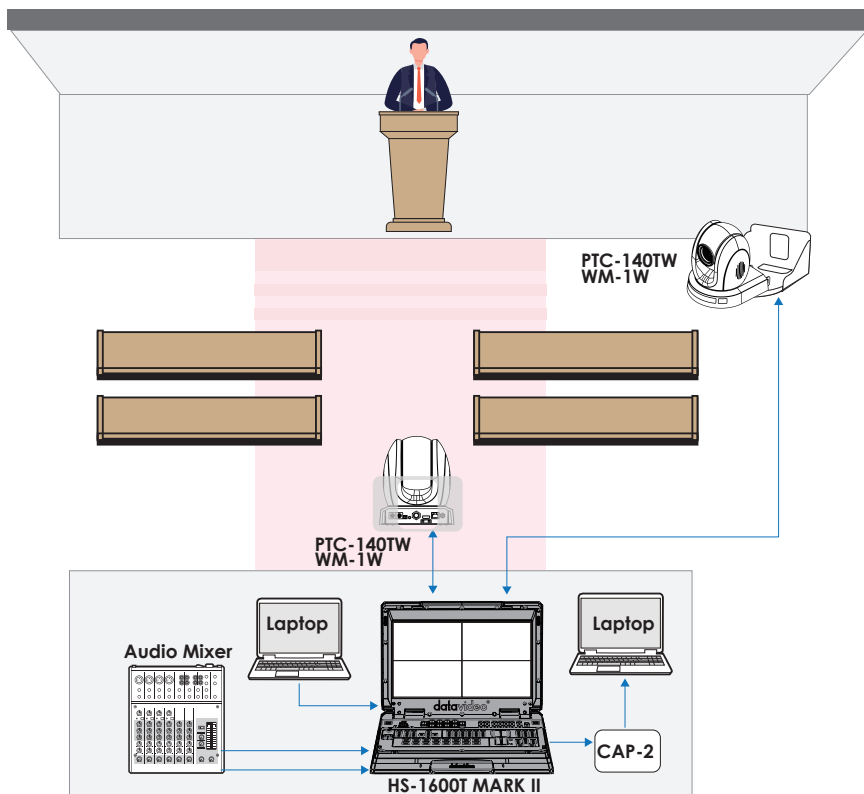
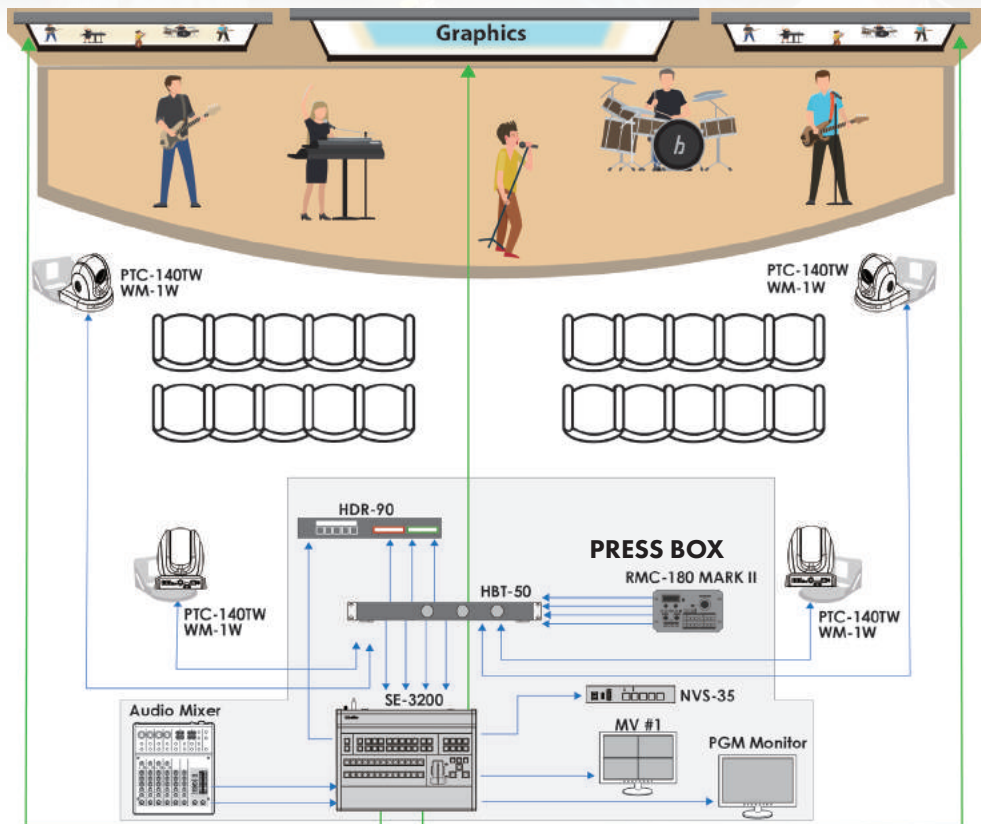**Datavideo products included in the workflow:**

- **HS-1600T MARK II**
  HDBaseT Hand Carry Studio

- **PTC-140TW**
  2 - 20X PTZ Cameras

- **WM-1W**
  2 - Wall Mounts

- **CAT6 (CB-CAT6-100)**
  2 - 100FT Cable

Live Event IMAG
Multi-Camera HDBaseT with Streaming & ISO Recording
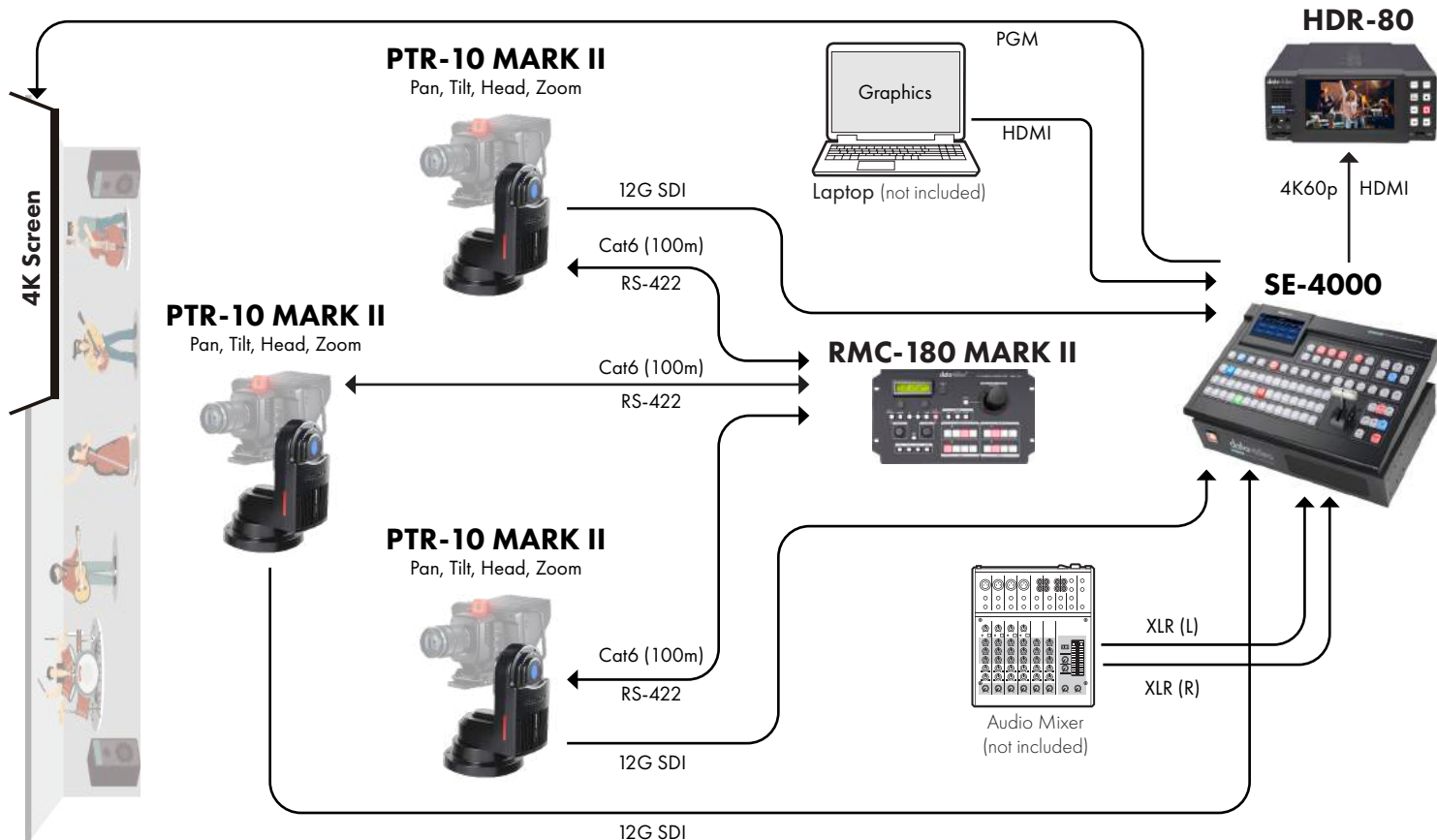
Datavideo products included in the workflow:

- **SE-3200** 12 Input HD Switcher

- **PTC-140TW**
  4 - 20x PTZ Camera

- **WM-1W**
  4 - Wall Mount

- **NVS-35**
  H.264 Dual Streaming Encoder

- **RMC-180 MARK II**
  Camera Controller

- **HBT-50**
  Four Channel HDBaseT Receiver

- **HDR-90**
  ProRes 4K Video Recorder-
  1U Rackmountable

BYOC 4K Production with Recording
Turn Your Camcorder into a Pan Tilt Head
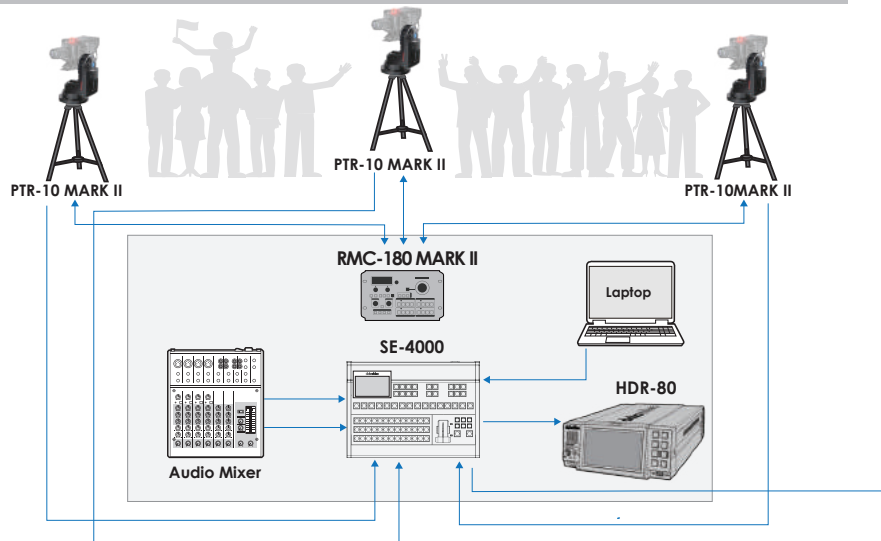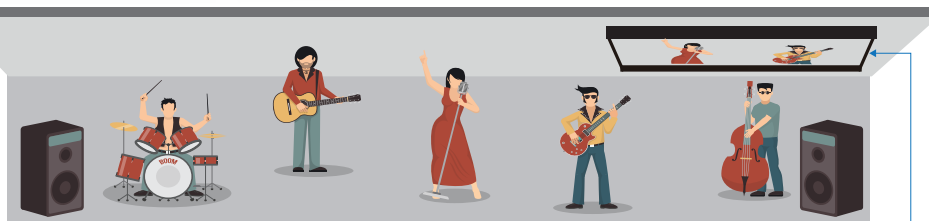
4K Screen

PTR-10 MARK II
Pan, Tilt, Head, Zoom

PTR-10 MARK II
Pan, Tilt, Head, Zoom

PTR-10 MARK II
Pan, Tilt, Head, Zoom

Graphics

Laptop (not included)

PGM

HDMI

HDR-80

4K60p   HDMI

SE-4000

RMC-180 MARK II

12G SDI

Cat6 (100m)

RS-422

Cat6 (100m)

RS-422

Cat6 (100m)

RS-422

12G SDI

12G SDI

Audio Mixer
(not included)

XLR (L)

XLR (R)

Datavideo products included in the workflow:

- **SE-4000**
  4K 8-Channel Digital Video Switcher

- **PTR-10 MARK II**
  3 - Robotic Pan Tilt Head

- **RMC-180 MARK II**
  PTZ Controller

- **HDR-80**
  ProRes 4K Video Recorder- Desktop

PTR-10 MARK II

PTR-10 MARK II

PTR-10MARK II

RMC-180 MARK II

Laptop

SE-4000

HDR-80

Audio Mixer

4K Multi-Camera ROI Production
3-Camera Switch, Stream, & Record

TLM-102

PTC-280
WM-1

PTC-140T
WM-1

PTC-280
WM-1

4K HDMI

4K HDMI

HDMI

HDMI

KMU-100

SDI (8x)

CAT6

RS-422

RMC-185

MV #1
(not included)

HDBaseT - CAT6

SE-3200

MP4 SD Card Recording
(not included)

AND

NVS-35

HD-SDI

HDMI

HDMI

HBT-6

HDMI

HDMI

Laptop
(not included)

PGM Monitor
(not included)
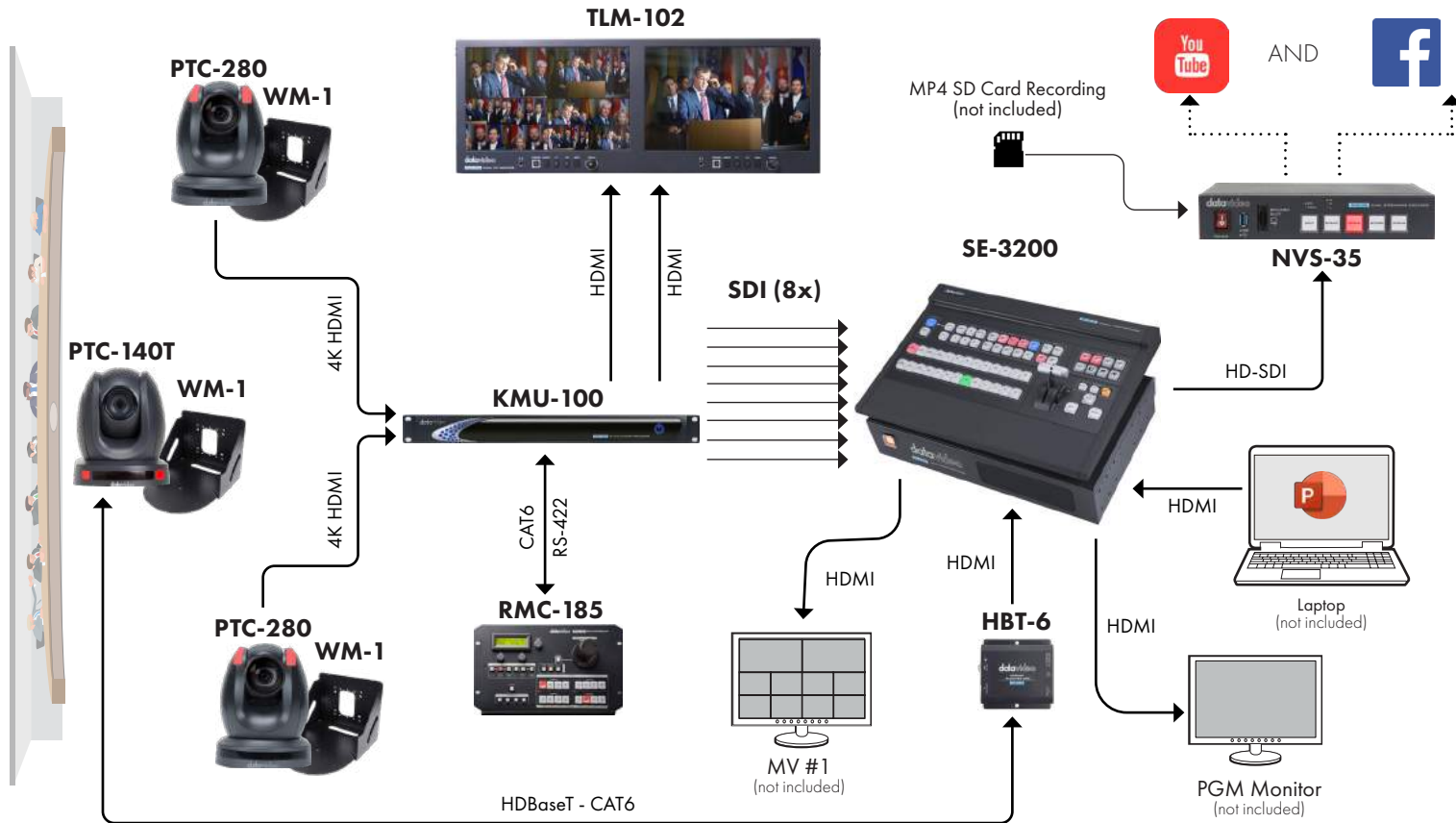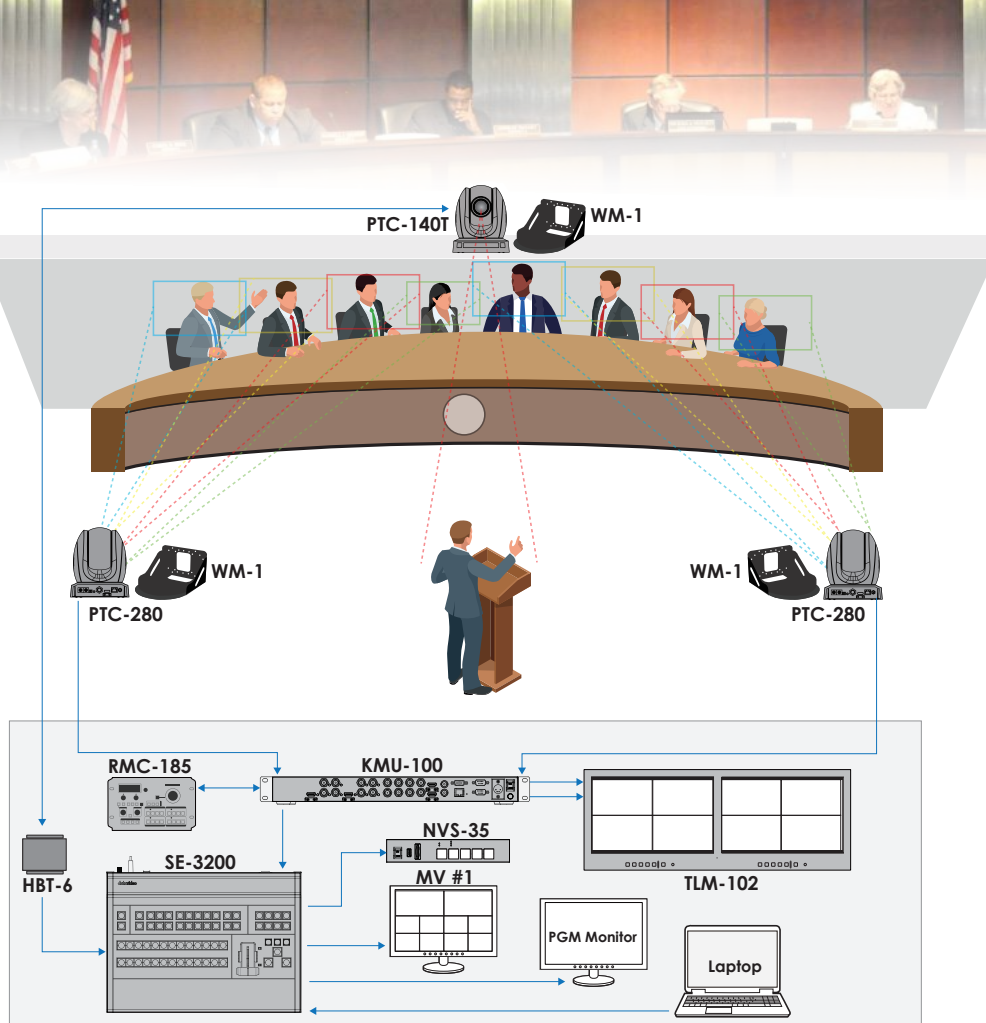
Datavideo products included in the workflow:

- **SE-3200** 12 Input HD Switcher

- **KMU-100** 4K Multi-Camera Processor

- **PTC-280** 2 - 4K PTZ Cameras

- **PTC-140T-6**
  HDBaseT PTZ Camera with
  HBT-6 Receiver

- **RMC-185** ROI Controller

- **NVS-35**
  H.264 Dual Streaming Encoder

- **TLM-102**
  Dual 10" Monitor

- **WM-1** 3 - PTZ Camera Wall Mount

Social Media Vertical Production
1-Camera, 5 Angles, Vertical & Recording

Audio Out

WALL SPEAKER

PTC-280

RS-422 CAT6

4K HDMI

MP4 SD Card Recording
(not included)

KMU-300

AND

Audio Mixer
(not included)

XLR (L)

XLR (R)

WALL SPEAKER

Audio Out

Wall Speaker

Wall Speaker

PTC-280

KMU-300

Audio Mixer
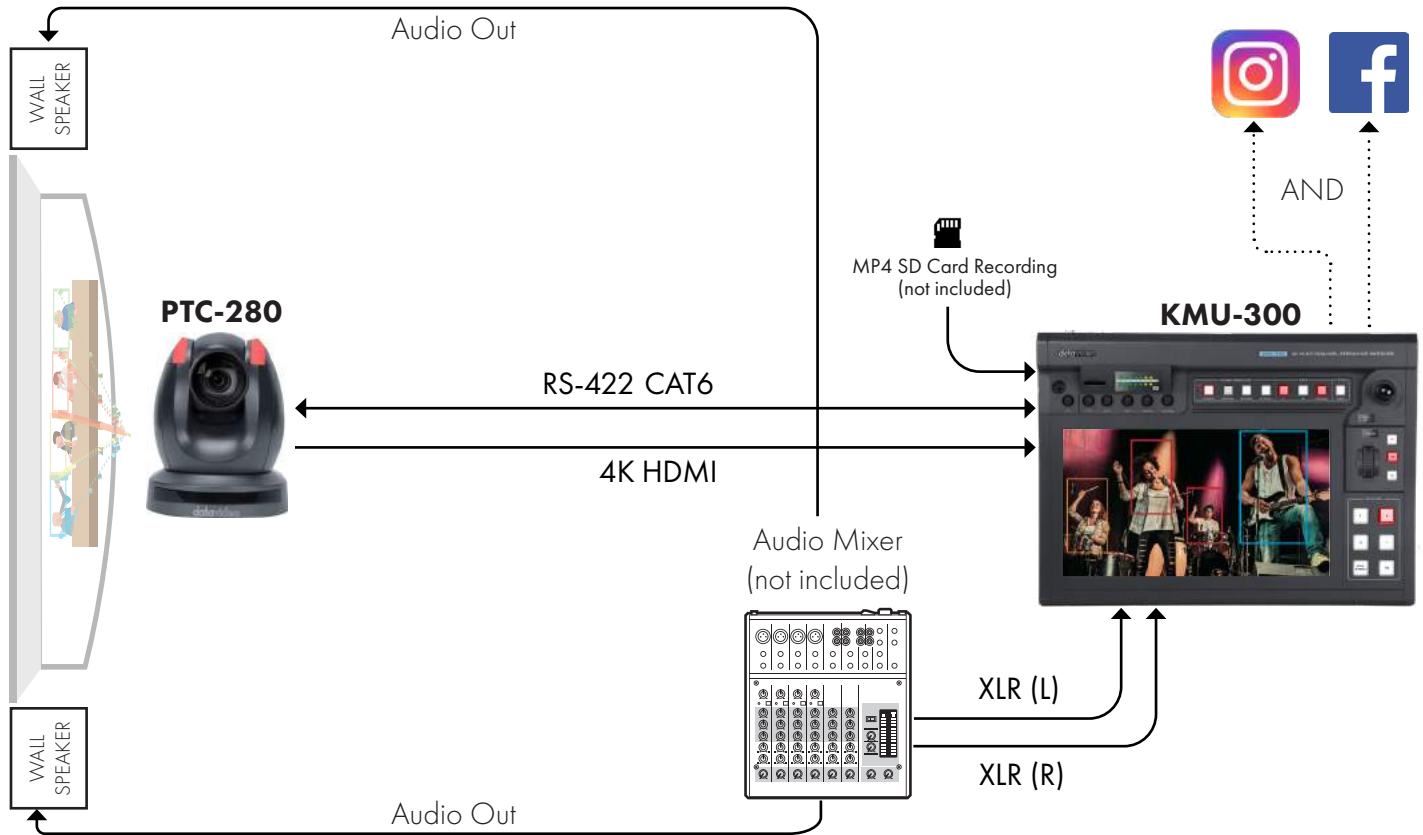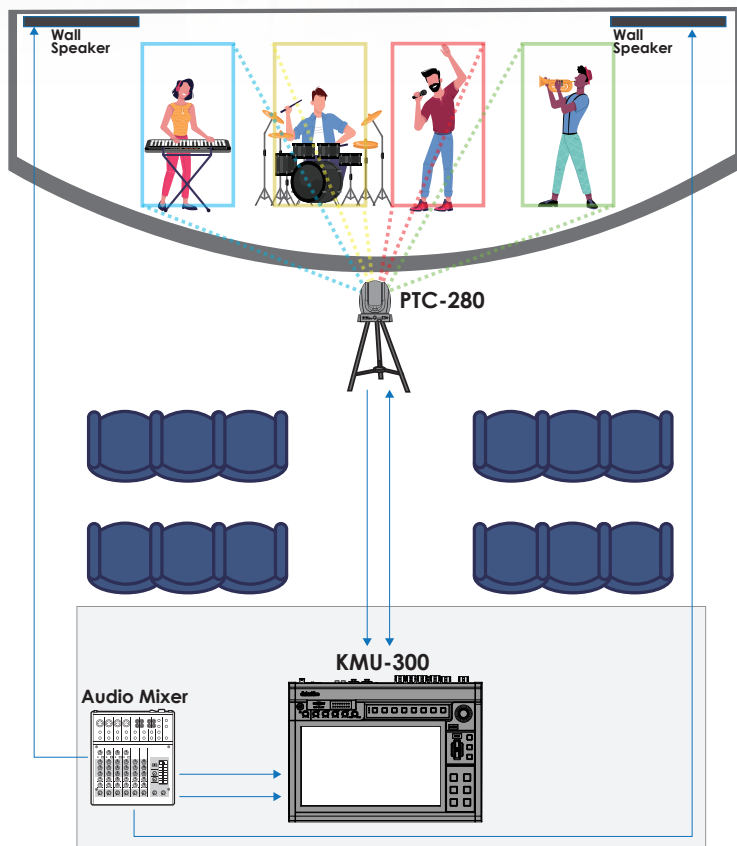
Datavideo products included in the workflow:

- **KMU-300**
  4K Multi-Channel Touch Screen

- **PTC-280**
  12x 4K PTZ Camera

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Presentation for 4K Recording & IMAG
3-Camera, 5 Angles, Stream & Record

PTC-280 WM-1

HDMI

PowerPoint

IMAG

PowerPoint

CAT6

RS422

PGM HDMI

PGM HDMI

PGM HDMI

PGM HDMI

HDMI Splitter
(Not Included)

Laptop Recording in 4K
(not included)

PTC-280 WM-1

HDMI

CAT6 RS422

RMC-180 MARK II

CAT6

RS422

HDMI

SE-400

HDMI

UVC

Recording Conference

Laptop
(not included)

HDMI

Audio Mixer
(not included)

PTC-280 WM-1

HDMI

XLR (L)

XLR (R)

PGM

POWERPOINT · IMAG · POWERPOINT

PTC-280
WM-1

PTC-280
WM-1

PTC-280
WM-1

HDMI Splitter

RMC-180 MARK II

Laptop
records
in 4K

Laptop

Audio Mixer

SE-400

Datavideo products included in the workflow:

- **SE-400**
  4 channel 4K Digital Video Switcher

- **PTC-280**
  3 - 12x 4K PTZ Camera

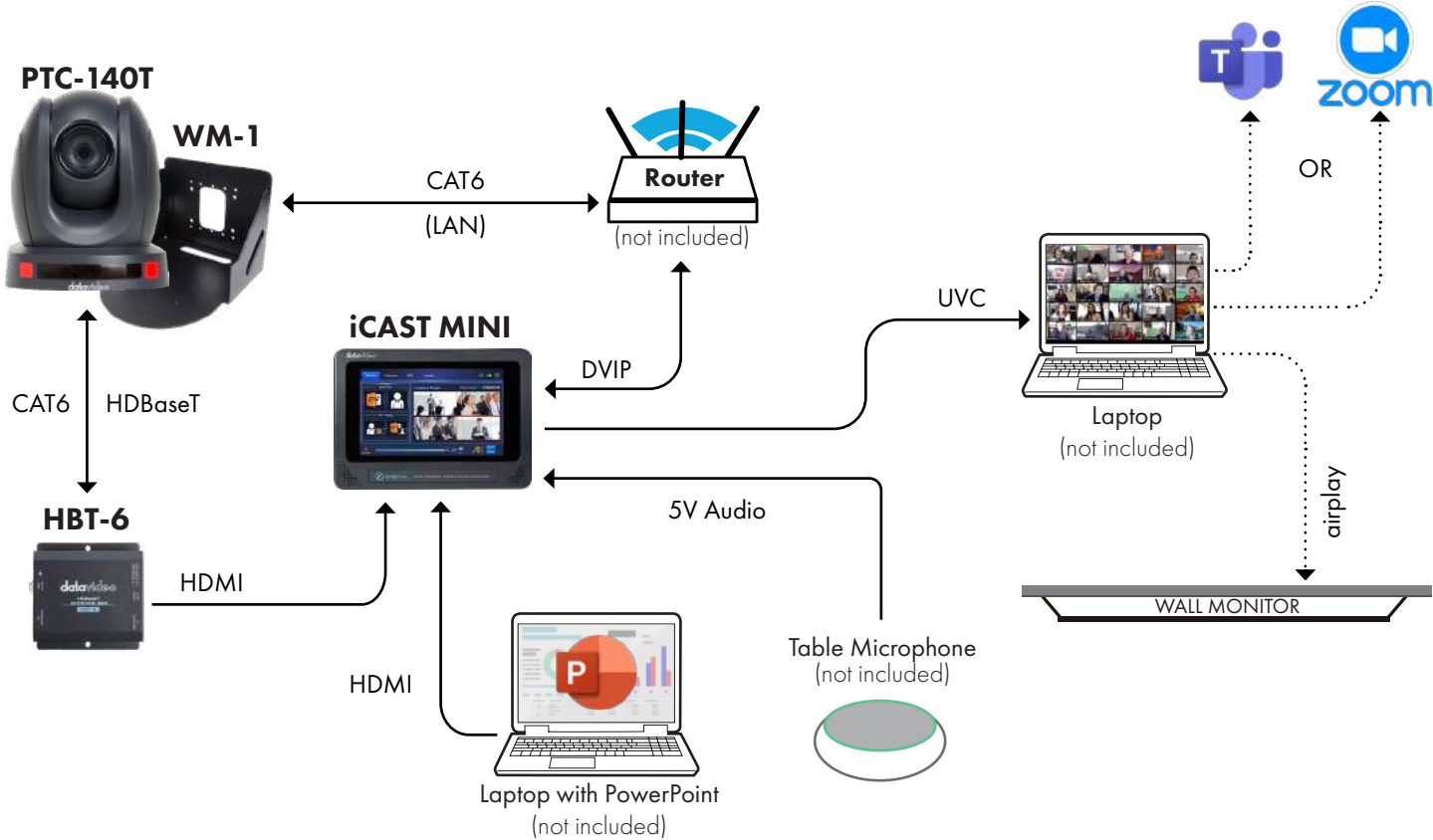- **RMC-180 MARK II**
  PTZ Controller

- **WM-1**
  3 - Wall Mounts

Single Camera Conferencing with Presets
1-PTZ Camera Conference

PTC-140T

WM-1

Router
(not included)

iCAST MINI

HBT-6

CAT6 (LAN)

CAT6   HDBaseT

DVIP

UVC

HDMI

5V Audio

HDMI

OR

Laptop
(not included)

airplay

WALL MONITOR

Laptop with PowerPoint
(not included)

Table Microphone
(not included)
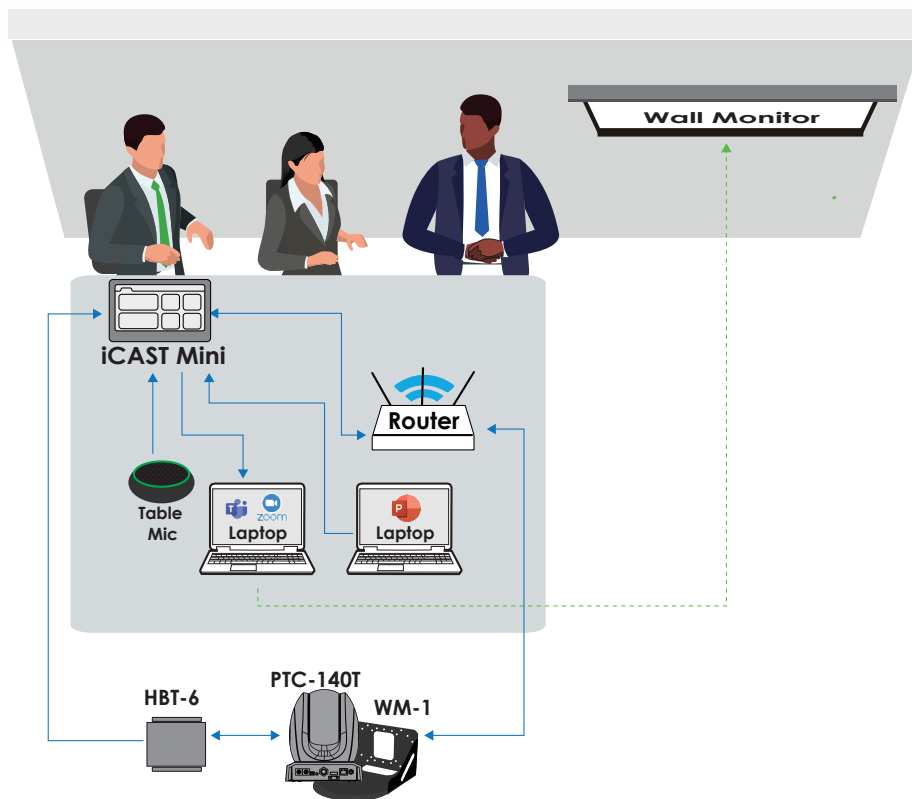
Datavideo products included in the workflow:

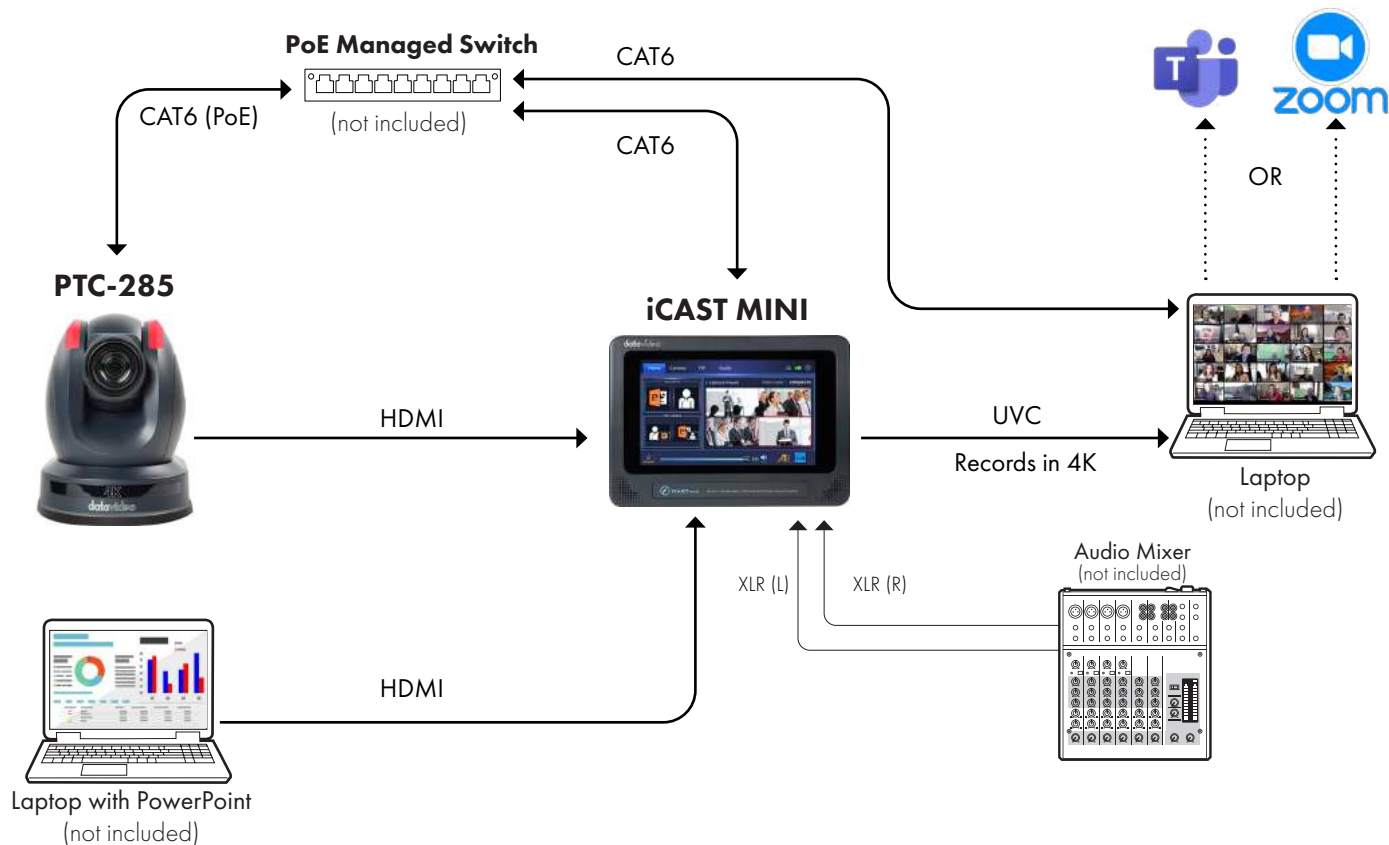- **PTC-140T-6**
  HDBaseT PTZ Camera with HBT-6 Receiver

- **iCAST Mini**
  Dual Channel Presentation Switcher

- **WM-1**
  Wall Mount

4K Online Presentation with Tracking
1-PTZ Tracking Camera Record & Conferencing

PoE Managed Switch
(not included)

CAT6

CAT6

CAT6 (PoE)

PTC-285

HDMI

iCAST MINI

UVC

Records in 4K

OR

Laptop
(not included)

XLR (L)   XLR (R)

Audio Mixer
(not included)

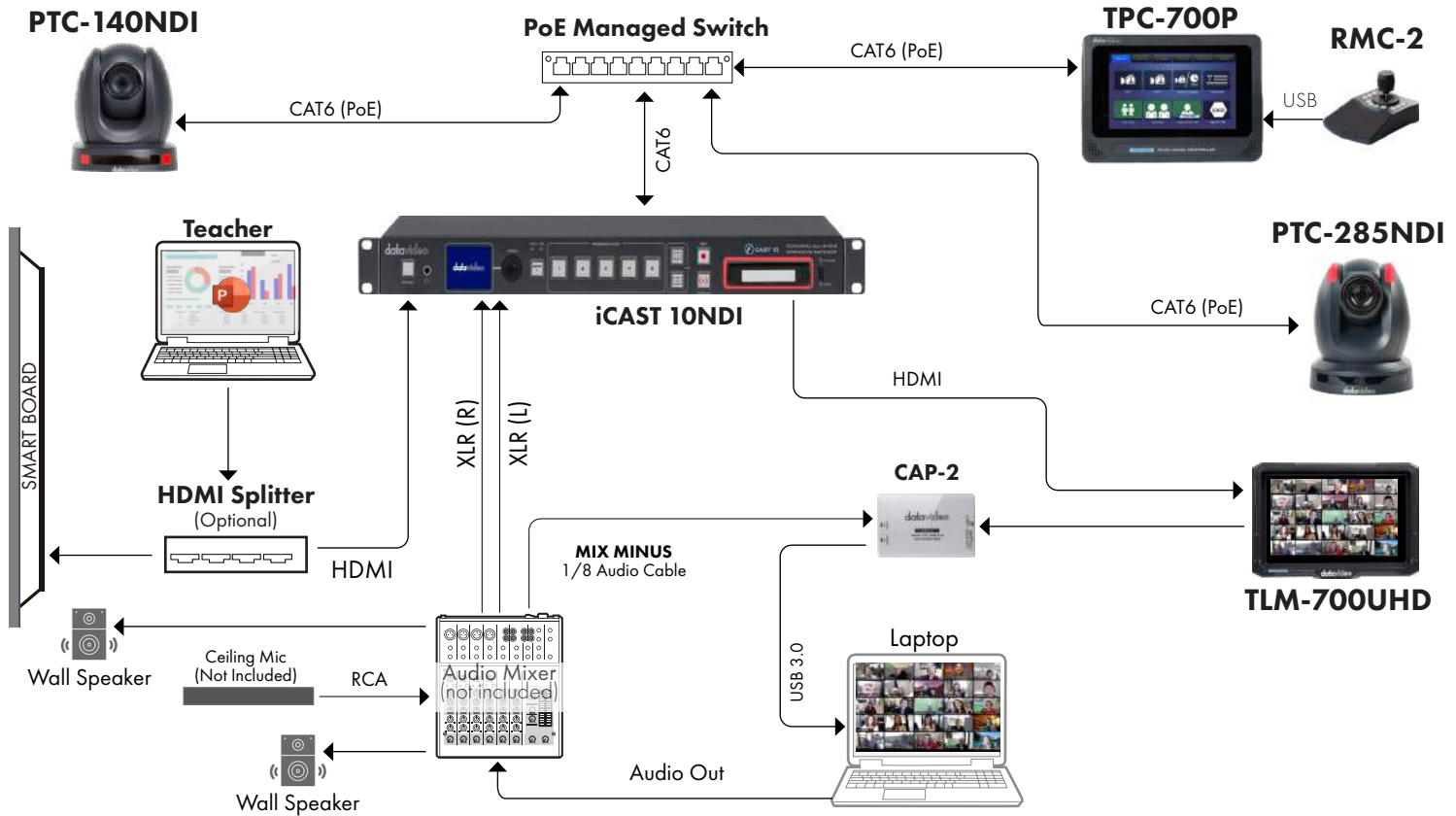HDMI

Laptop with PowerPoint
(not included)
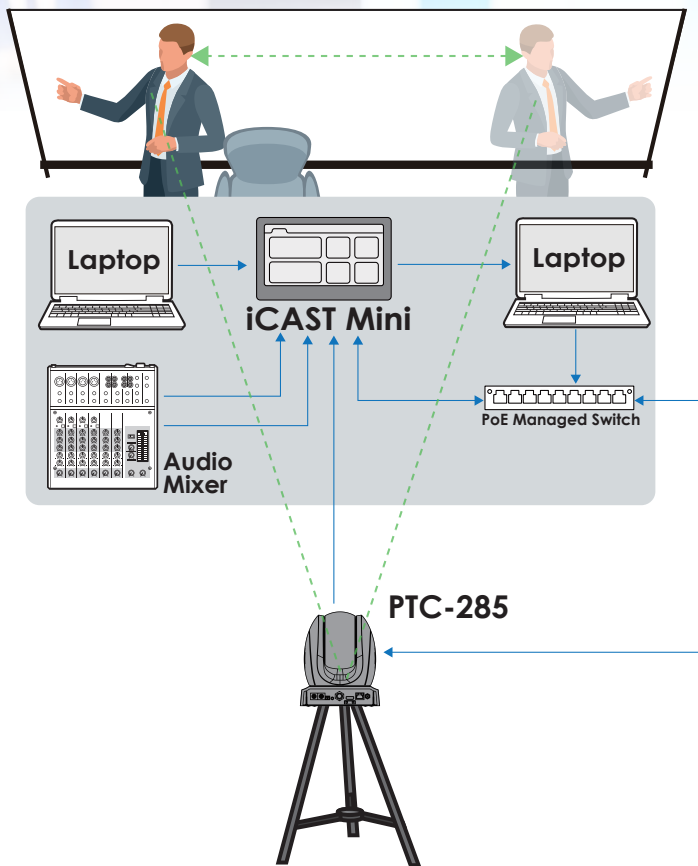
Datavideo products included in the workflow:

- **PTC-285**
  4K PTZ Tracking Camera

- **iCAST Mini**
  Dual Channel Presentation Switcher

Presentation with Tracking
2-PTZ Cameras Record & Conferencing

PTC-140NDI

PoE Managed Switch

TPC-700P

RMC-2

USB

CAT6 (PoE)

CAT6 (PoE)

CAT6

Teacher

CAT6 (PoE)

iCAST 10NDI

PTC-285NDI

CAT6 (PoE)

SMART BOARD

XLR (R)

XLR (L)

HDMI

HDMI Splitter
(Optional)

HDMI

CAP-2

MIX MINUS
1/8 Audio Cable

Wall Speaker

USB 3.0

TLM-700UHD

Ceiling Mic
(Not Included)

RCA

Audio Mixer
(not included)

Laptop

Wall Speaker

Audio Out
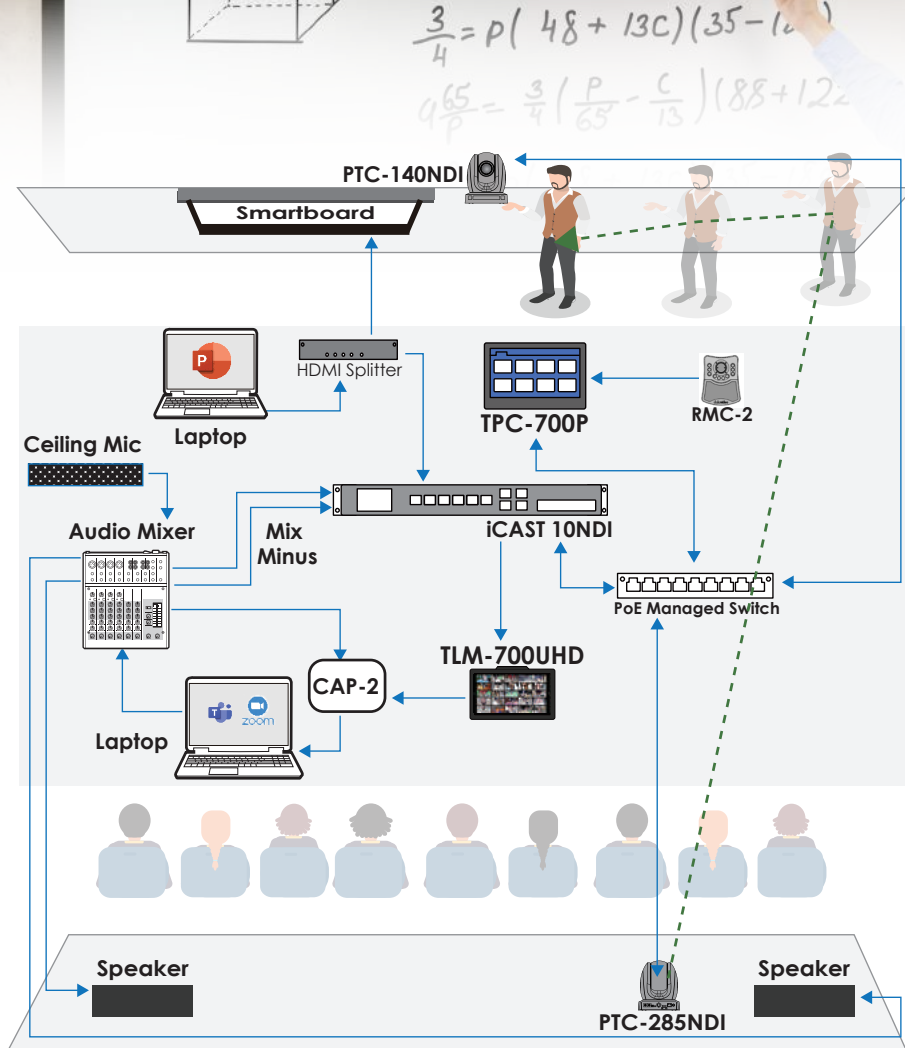
Datavideo products included in the workflow:

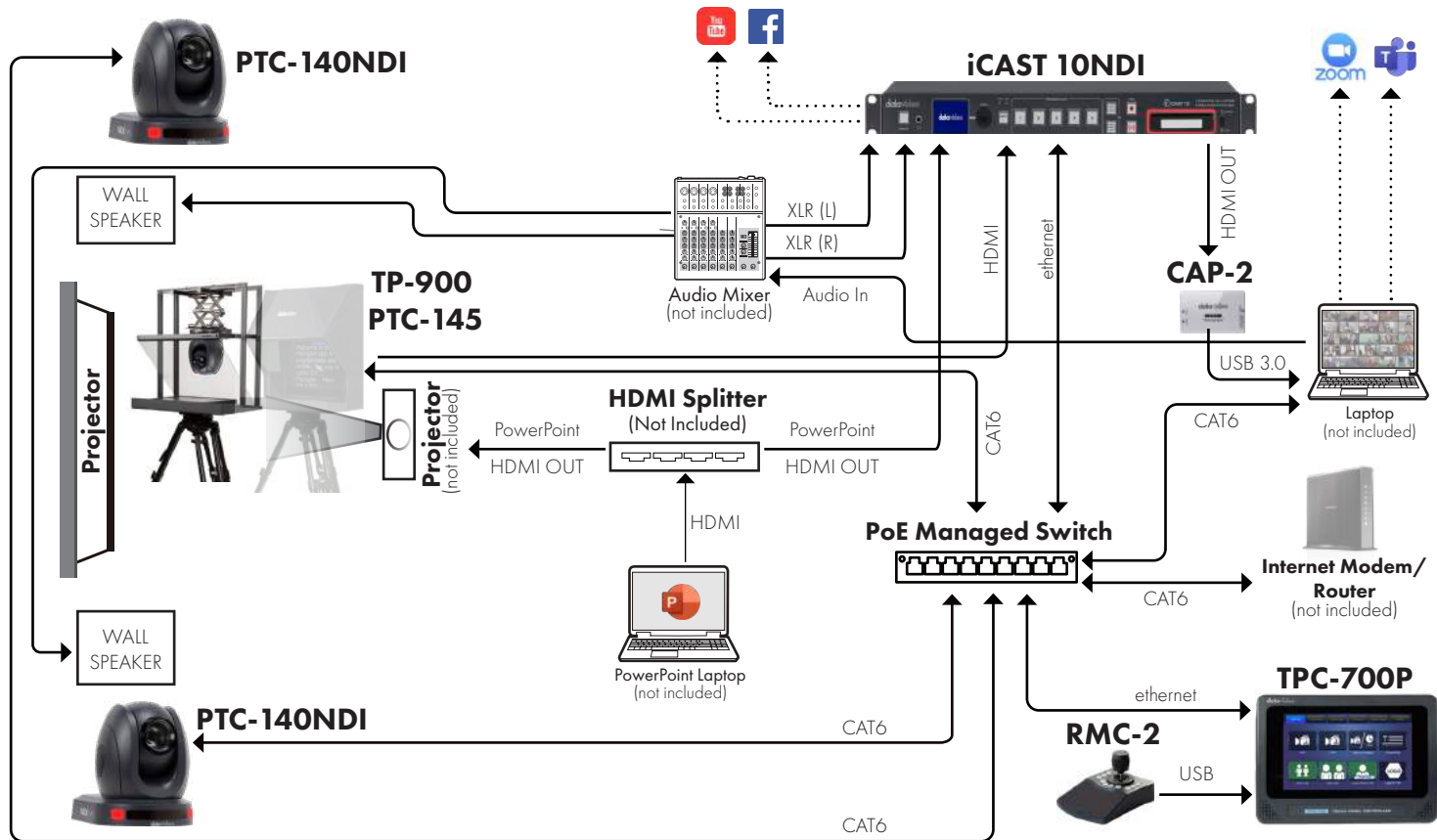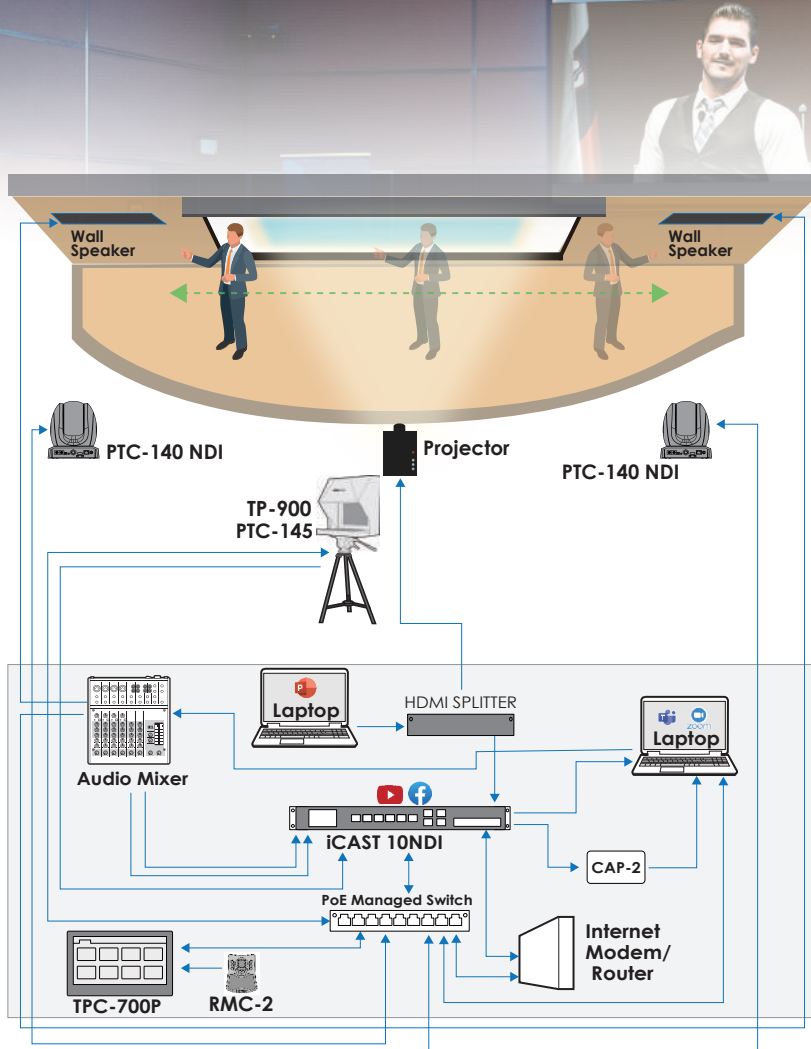- **PTC-285NDI**
  12x 4K PTZ Camera with Tracking
- **PTC-140NDI**
  20x NDI PTZ Camera

- **iCAST 10NDI**
  Hybrid Event Switcher

- **TPC-700P with PoE**
  Touch Panel Controller

- **TLM-700UHD**
  7" 4K LCD Monitor

- **CAP-2**
  HDMI to USB 3.0 Capture Box

- **RMC-2**
  One Channel Camera Controller

Live Event with Tracking & Prompter
3-Camera, Tracking, Streaming, & Recording

PTC-140NDI

iCAST 10NDI

WALL SPEAKER

TP-900
PTC-145

Projector

Projector (not included)

Audio Mixer (not included)

XLR (L)
XLR (R)
Audio In

HDMI

ethernet

HDMI OUT

CAP-2

USB 3.0

Laptop (not included)

CAT6

HDMI Splitter (Not Included)

PowerPoint
HDMI OUT

PowerPoint
HDMI OUT

CAT6

HDMI

PoE Managed Switch

CAT6

Internet Modem/ Router (not included)

CAT6

WALL SPEAKER

PowerPoint Laptop (not included)

ethernet
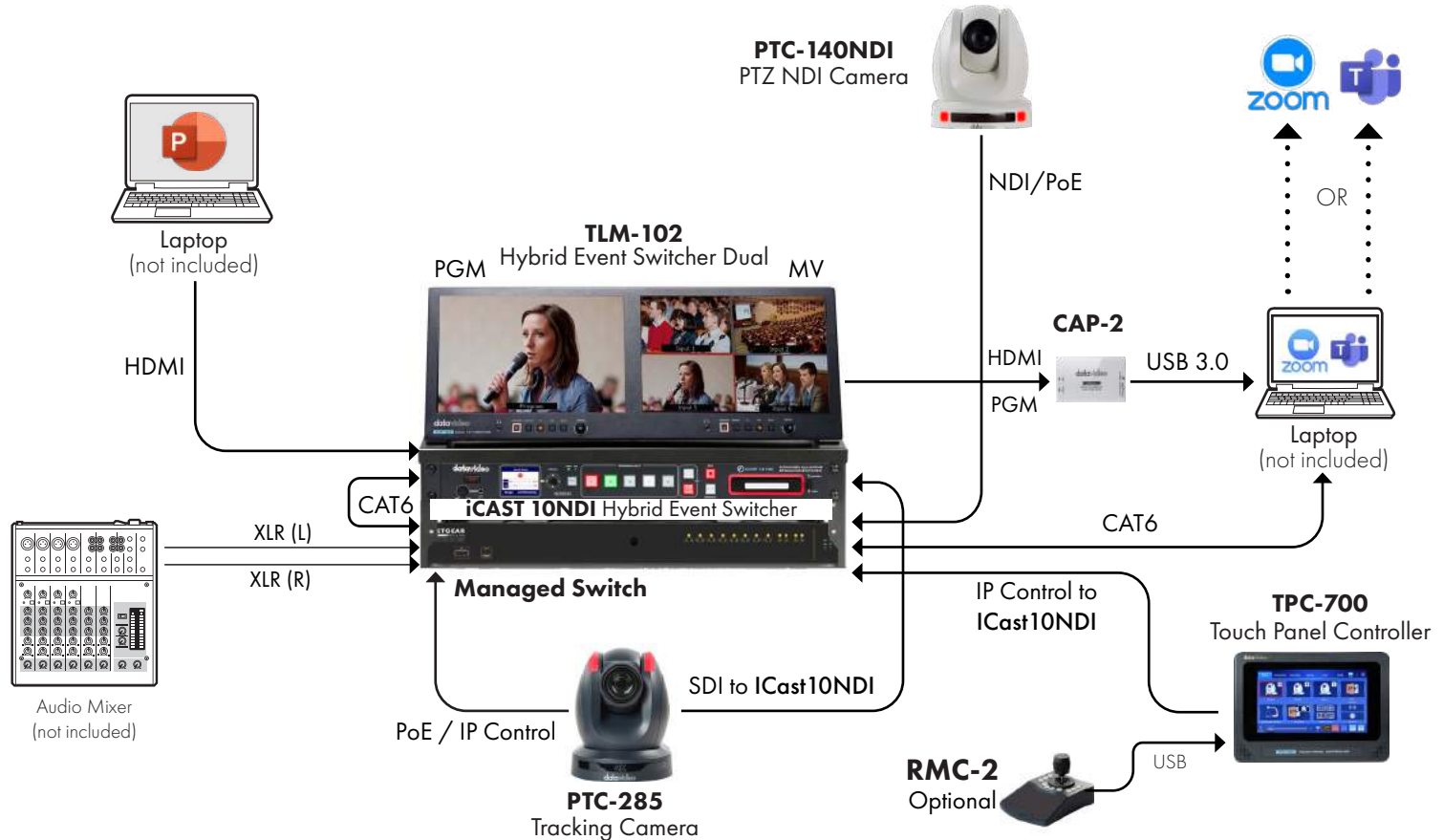
TPC-700P

PTC-140NDI

RMC-2

USB

CAT6

CAT6

Datavideo products included in the workflow:

- **PTC-145**
  1 - 20x PTZ Camera

- **PTC-140NDI**
  2 - 20x NDI PTZ Camera

- **iCAST 10NDI**
  Hybrid Event Switcher

- **TP-900**
  PTZ Camera Prompter

- **TPC-700P** Touch Panel Controller w/PoE

- **CAP-2**
  HDMI to USB 3.0 Capture Box
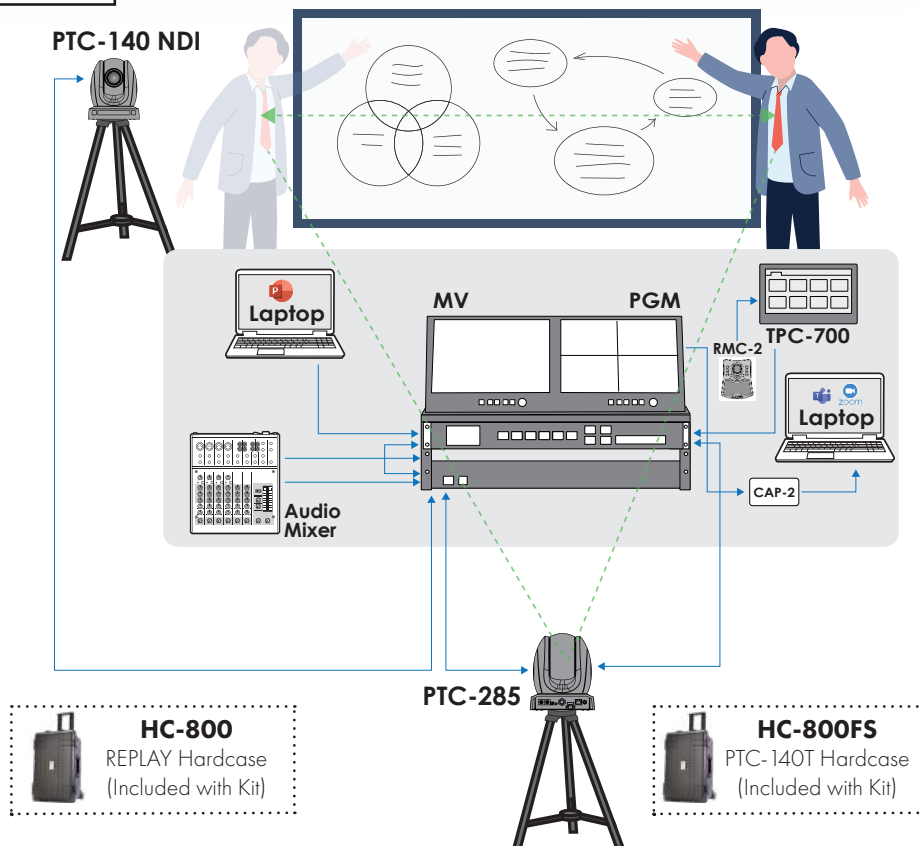
- **RMC-2**
  One Channel Camera Controller

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Portable Online Presentation
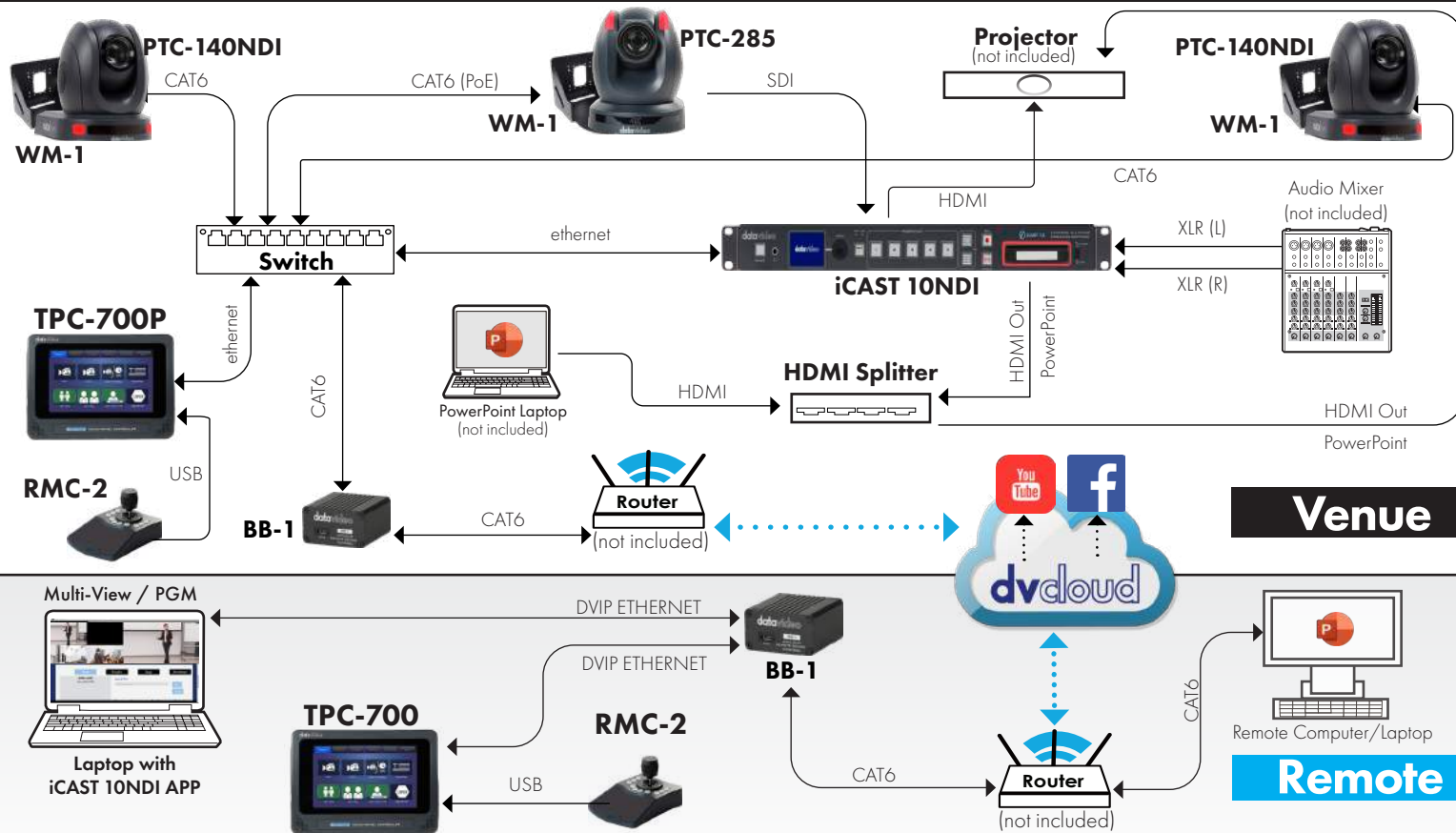## 2-Camera Stream & Record

Online Presentation Kit B

Datavideo products included in the workflow:

- **PTC-285**
  12x 4K PTZ Camera with

- **PTC-140NDI**
  20x NDI PTZ Camera

- **iCAST 10NDI**
  Hybrid Event Switcher

- **TPC-700P**
  Touch Panel Controller

- **TLM-102**
  Dual 10" Monitor

- **CAP-2**
  HDMI to USB 3.0 Capture Box

- **AD-PoE140**
- **HC-800FS**
- **HC-850**

PTC-140 NDI

Laptop

MV   PGM

RMC-2

TPC-700

Laptop

CAP-2

Audio
Mixer

PTC-285

HC-800
REPLAY Hardcase
(Included with Kit)

HC-800FS
PTC-140T Hardcase
(Included with Kit)

Remote Presentation with Tracking
2-Camera Stream, Record, & Produce Remotely

PTC-140NDI
WM-1
CAT6
CAT6 (PoE)

PTC-285
WM-1
SDI

Projector
(not included)

PTC-140NDI
WM-1
CAT6

Switch
ethernet

iCAST 10NDI
HDMI
XLR (L)
XLR (R)

Audio Mixer
(not included)

TPC-700P
ethernet
CAT6

RMC-2
USB

PowerPoint Laptop
(not included)
HDMI

HDMI Splitter

HDMI Out
PowerPoint

HDMI Out
PowerPoint

BB-1
CAT6

Router
(not included)

You Tube
f

dvcloud

Venue

Multi-View / PGM

DVIP ETHERNET
DVIP ETHERNET

BB-1

TPC-700
RMC-2
USB

Laptop with
iCAST 10NDI APP

CAT6

Router
(not included)

CAT6

Remote Computer/Laptop

Remote

Datavideo products included in the workflow:

- **BB-1 Professional**
  1 - BB-1 KIT
  1 - 12 Month Subscription to dvCloud Essentials streaming service with SRT

- **Online Presentation Kit A**
  1 - iCAST 10NDI
  1 - PTC-285
  1 - PTC-140NDI
  1 - TPC-700P
  1 - TLM-102
  1 - CAP-2
  1- AD-POE140

- **PTC-140NDI**
  20x NDI PTZ Cameras

- **TPC-700** Touch Panel Controller

- **WM-1** 3 - Wall Mount

- **RMC-2**
- 2 - One Channel Camera Controller

Labels in diagram:

PTC-140NDI · WM-1 · PTC-285 WM-1 · Projector · PTC-140NDI WM-1 · Switch · iCAST 10NDI · Audio Mixer · TPC-700P · BB-1 · Router · RMC-2 · HDMI SPLITTER · Laptop · dvcloud · Laptop iCAST 10 NDI APP · BB-1 · Router · TPC-700 · RMC-2 · Volunteer Working remotely from home

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