1.0 GENERAL

1.1 Related UBC Guidelines

1.2 Co-ordination Requirements

1.3 Description

UBC offers three (3) solutions for media capture:

1. Dedicated media capture appliance,
2. PC with video capture card or USB device, or
3. Video/web conferencing record feature.

The media capture solution shall be compatible with Kaltura and Panopto.

UBC IT Audio Visual will provide the media capture appliance or room PC c/w video capture device to be integrated into the AV systems.

Installation and testing of the media capture appliance or PC will be included in the AV system installation scope. Installation and testing execution is described in the applicable sections of the technical guidelines.

The media capture solution shall be able to broadcast a minimum of two (2) sources such as camera and content feeds outside the UBC network.

The programming and configuration instructions for the media capture recorder functions are described in the UBC IT Audio Visual Graphical User Interface Standards Document.

2.0 PRODUCTS

2.1 Media Capture Appliance

The media capture appliance shall be purpose built for capture of content and camera to either the Kaltura or Panopto platform.

The media capture appliance shall have a minimum of two (2) HDMI inputs.

The media capture appliance shall have a line level audio input via 3.5mm mini stereo or XLR.

The media capture appliance shall have and RS-232 and LAN port for 3rd party control integration.

2.2 PC Video Capture Card

The capture card shall have a minimum of two (2) HDMI inputs.

The capture card shall have embedded HDMI audio inputs.
.3 The capture card shall support a resolution up to 1080p.
.4 The capture card shall support Windows 10 operating system
.5 The capture card shall be a PCIe format card.

2.3 PC Video Capture USB Device

.1 The capture card shall have one (1) HDMI input.
.2 The capture card shall have embedded HDMI audio inputs.
.3 The capture card shall support a resolution up to 1080p.
.4 The capture card shall support Windows 10 operating system.
.5 The capture card shall be a PCIe format card.

3.0 EXECUTION

3.1 Data Infrastructure

.1 Provide one (1) data drop for each media capture appliance and configure to media capture VLAN.
.2 Where AV system has managed network switch, media capture recorder may be connected to managed network switch if media capture VLAN is configurable.

3.2 AV Connectivity

.1 Where a media capture appliance or PC w/ video capture device is not installed in an AV space with 80 seats or more, provide one (1) content HDMI output, one (1) camera HDMI output, and one (1) balanced stereo audio XLRM output on a rack plate in the AV rack where a future media capture appliance would be installed.

***END OF SECTION***