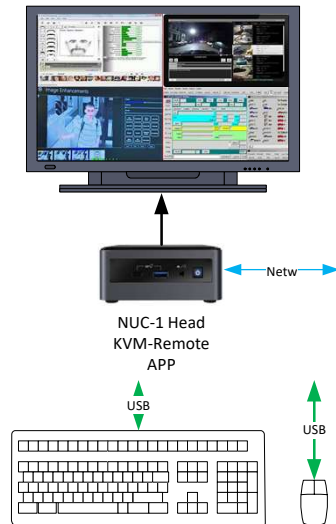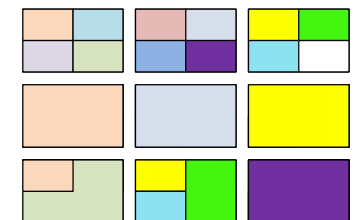**BLACK BOX**

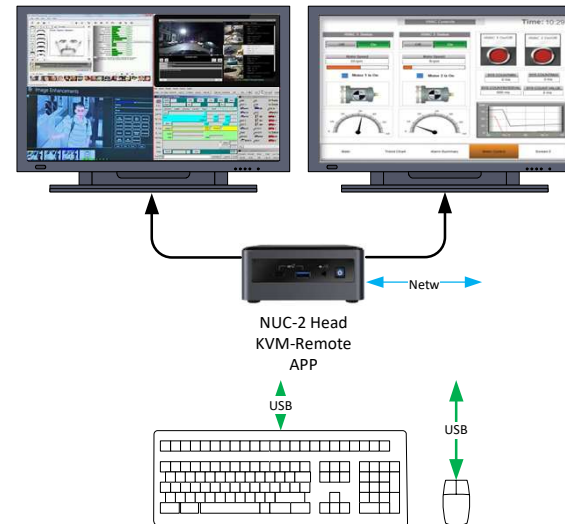## Phase One:

- POC
- Demonstrate the Remote App on one device.
- Stable remote app, controlling 4 devices.
- Demonstrate quad video display.

Netw

NUC-1 Head
KVM-Remote
APP

USB

USB

Phase Two:

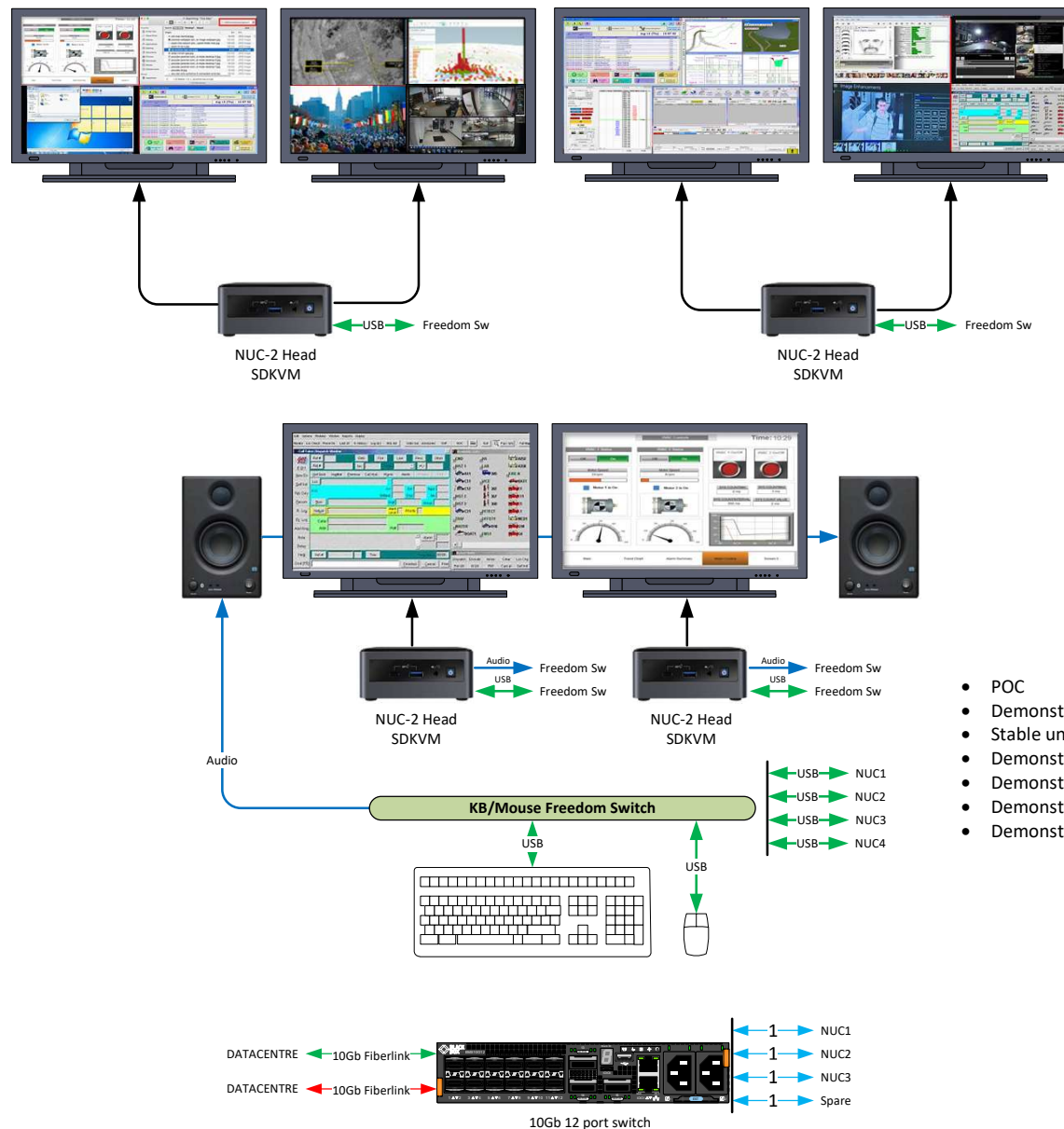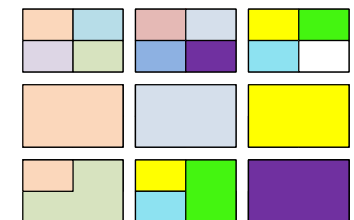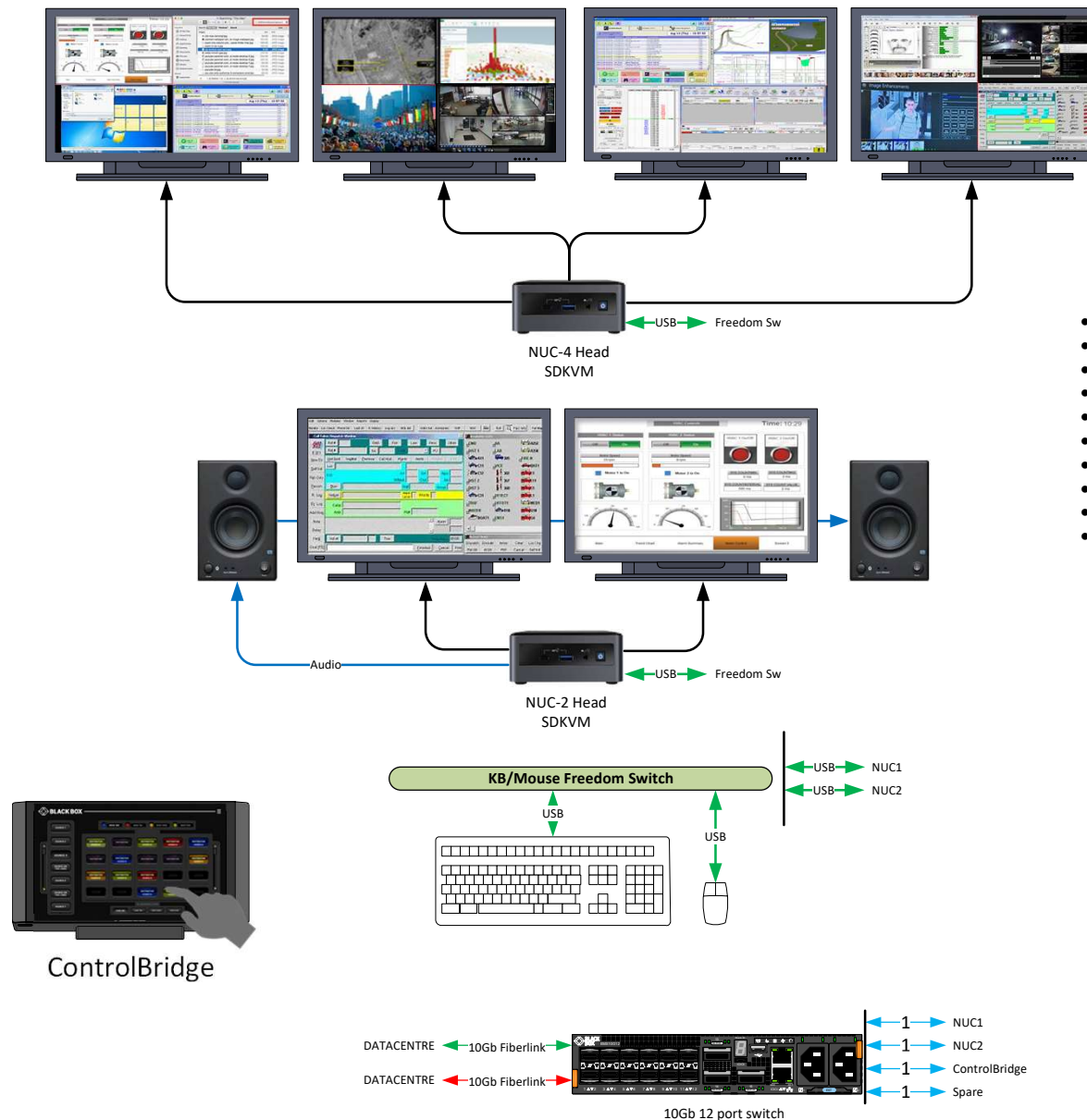- POC
- Demonstrate the Remote App on one device.
- Stable 2 Remote app, controlling up to 8 devices.
- Demonstrate quad video display.
- Demonstrate the combination between quad display and full screen.

Netw

NUC-2 Head
KVM-Remote
APP

USB

USB

BLACK BOX

NUC-2 Head
SDKVM

← USB → Freedom Sw

NUC-2 Head
SDKVM

← USB → Freedom Sw

NUC-2 Head
SDKVM

Audio → Freedom Sw
USB ← Freedom Sw →

NUC-2 Head
SDKVM

Audio → Freedom Sw
USB ← Freedom Sw →

Audio

KB/Mouse Freedom Switch

← USB → NUC1
← USB → NUC2
← USB → NUC3
← USB → NUC4

USB

USB

- POC
- Demonstrate the Software Defined KVM (SDKVM) on 4 Units.
- Stable unit, controlling up to 8 devices on one unit
- Demonstrate quad video display.
- Demonstrate the combination between quad display and full screen.
- Demonstrate the freedom switch, KB/Mouse functionality.
- Demonstrate the audio functionality.

DATACENTRE ← 10Gb Fiberlink
DATACENTRE ← 10Gb Fiberlink

← 1 → NUC1
← 1 → NUC2
← 1 → NUC3
← 1 → Spare

10Gb 12 port switch

BLACK B⬦X

NUC-4 Head
SDKVM

←USB→ Freedom Sw

- POC
- Demonstrate the « Software Defined KVM on 2 Units.
- Ccontrolling up to 8 devises on one unit.
- Monitoring up to 16 devises on one Unit.
- Demonstrate quad video display.
- Demonstrate the combination between quad display and full screen.
- Demonstrate the freedom switch, KB/Mouse functionality.
- Demonstrate the audio functionality.
- Interface with ControlBridge tough screen.
- Managed by Boxilla.

NUC-2 Head
SDKVM

←USB→ Freedom Sw

Audio

KB/Mouse Freedom Switch

←USB→ NUC1
←USB→ NUC2

USB

USB

ControlBridge

DATACENTRE ←10Gb Fiberlink

DATACENTRE ←10Gb Fiberlink→

→1→ NUC1
→1→ NUC2
→1→ ControlBridge
→1→ Spare

10Gb 12 port switch