DMS 제작센터 제작 시스템 개선

참조 도면

넥스트 샷

스튜디오

CAM-1 HDC-4300

CAM-2 HDC-4300

CAM-3 HDC-4300

CAM-4 HDC-4300

CAM-5 HDC-4300

CAM-6 HDC-4300

* 제작시스템 개선 사업 영역

ST Monitor TV-1 UHDTV

ST Monitor TV-2 UHDTV

SERVER-1 (REC-4300)

SERVER-2 (REC-4300)

SERVER-3 (REC-4300)

SERVER-4 (REC-4300)

KVM-1 (4K UHD & 2Port)

KVM-2 (4K UHD & 2Port)

KVM-3 (4K UHD & 2Port)

KVM-4 (4K UHD & 2Port)

KVM-5 (4K UHD & 2Port)

KVM-6 (4K UHD & 2Port)

HD CS (HDC-4300)

12G MUX-1 (HDC-4300)

12G MUX-2 (HDC-4300)

12G MUX-3 (HDC-4300)

12G MUX-4 (HDC-4300)

12 DEMUX (HDC-4300)

12G MUX-5 (HDC-4300)

12G MUX-6 (HDC-4300)

12G MUX-7 (HDC-4300)

12G MUX-8 (HDC-4300)

CCU-1 (QUD-4300)

CCU-2 (QUD-4300)

CCU-3 (QUD-4300)

CCU-4 (QUD-4300)

CCU-5 (QUD-4300)

CCU-6 (QUD-4300)

F/S-1 (FC-4300)

F/S-2 (FC-4300)

F/S-3 (FC-4300)

F/S-4 (FC-4300)

SDI-IP converter-1 (SDI-IP-4K-UHD)

SDI-IP converter-2 (SDI-IP-4K-UHD)

SDI-IP converter-3 (SDI-IP-4K-UHD)

SDI-IP converter-4 (SDI-IP-4K-UHD)

SDI-IP converter-5 (SDI-IP-4K-UHD)

SDI-IP converter-6 (SDI-IP-4K-UHD)

SDI-IP converter-7 (SDI-IP-4K-UHD)

SDI-IP converter-8 (SDI-IP-4K-UHD)

SDI-IP converter-9 (SDI-IP-4K-UHD)

SDI-IP converter-10 (SDI-IP-4K-UHD)

SDI-IP converter-11 (SDI-IP-4K-UHD)

SDI-IP converter-12 (SDI-IP-4K-UHD)

SDI-IP converter-13 (SDI-IP-4K-UHD)

SDI-IP converter-14 (SDI-IP-4K-UHD)

SDI-IP converter-15 (SDI-IP-4K-UHD)

400 Switch (W) (SI-G5124-L3-W-48S)

400 Switch (B) (SI-G5124-L3-W-48S)

* 제작시스템 개선 사업 영역

Processing Node-1 (PRC-4300)

Processing Node-2 (PRC-4300)

HD ROUTER (SW-4300)

VMU (VMU-4300)

HDR Converter-1 (HDC-4300)

HDR Converter-2 (HDC-4300)

HDMI TO SDI CONV. (HDC-4300)

HDMI DA (HDC-4300)

HDSDI DA (HDC-4300)

WALL MONITOR

31"4K LCD HDR Monitor-1 (DMM-C31U)

PGM

31"4K LCD HDR Monitor-2 (DMM-C31U)

PVW

Wall Monitor TV-1 (MW28MU50CP/00)

MULTIVIEW-1

Wall Monitor TV-2 (MW28MU50CP/00)

MULTIVIEW-2

Quad SDI to HDMI Con.-2 (DMM-C12U)

Wall Monitor TV-3 (MW28MU50CP/00)

MULTIVIEW-3

Wall Monitor TV-4 (MW28MU50CP/00)

MULTIVIEW-4

Quad SDI to HDMI Con.-3 (DMM-C12U)

영상 DESK

QC System (TD) (DCCM-SP)

30" 4K OLED HDR Monitor-1 (DMM-C30U)

TD QC

9" Mon.-1 (DMM-C09U)

CCU-1

9" Mon.-2 (DMM-C09U)

CCU-2

QC System (VID) (DCCM-SP)

30" 4K OLED HDR Monitor-2 (DMM-C30U)

VID QC

9" Mon.-3 (DMM-C09U)

CCU-3

9" Mon.-4 (DMM-C09U)

CCU-4

* 제작시스템 개선 사업 영역

QC System (VID) (DCCM-SP)

9" Mon.-5 (DMM-C09U)

CCU-5

9" Mon.-6 (DMM-C09U)

CCU-6

17" Mon.-1 (DMM-C17U)

AUDIO 선

17" Mon.-2 (DMM-C17U)

LIGHT 선

17" Mon.-4 (DMM-C17U)

AUDIO 선

17" Mon.-5 (DMM-C17U)

VCR RACK

17" Mon.-6 (DMM-C17U)

RACK

* 제작시스템 개선 사업 영역

Master Monitor TV (MW28MU50CP/00)

MASTER PGM MONITOR

Quad SDI to HDMI Con.-1 (DMM-C12U)

* 제작시스템 개선 사업 영역으로 참조바랍니다.

DRAWN BY:	NO	DATE	REVISIONS	SIGNED BY	SCALE: NONE
CHECKED BY:					DRAWING NO: DWG-S_1_01
CHECKED BY:					DATE: 2026.3
APPROVED BY:					PROJECT: DMS 제작센터 제작 시스템 개선

DRAWING NAME: 1 부조정실 VIDEO SYSTEM BLOCK DIAGRAM

한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY

스튜디오

Wireless MIC.
EM1046 MF

Wireless MIC.
EM2732 2

MIC. Splitter
MDX-48

Sub Mixer
Spirit K1

Tel/Hybrid
DH-22

Comp/Limit
1625L

Effect
X7500

노트북
XXXX

CCU-1
HDCU-4300

CCU-2
HDCU-4300

CCU-3
HDCU-4300

CCU-4
HDCU-4300

CCU-5
HDCU-4300

CCU-6
HDCU-4300

Graphic EQ
FCS-960

F/S-1
FA-9000

F/S-2
FA-9000

KIPRO-3
Ki Pro Ultra Plus

KIPRO-4
Ki Pro Ultra Plus

KIPRO-5
Ki Pro Ultra Plus

KIPRO-6
Ki Pro Ultra Plus

SERVER#3

SERVER#4

Mult Conector

SPEAKER
XXXX

Audio Amp.OUT

아나부스
W/B

UHD CG
Tornado2 R7 4K UHD

CD Player
DN-C680

CD Recorder
CD-R820DX V3

AUDIO FILE PLAYER
XXXX

KIPRO-1
Ki Pro Ultra Plus

KIPRO-2
Ki Pro Ultra Plus

SERVER-1
PMS-4500

SERVER-2
PMS-4500

12G MUX-1
KHEB10

12G MUX-2
KHEB10

12G MUX-3
KHEB10

12G MUX-4
KHEB10

INTERCOM

Audio Digital Mixer(M)
Calrec

AES/EBU

AUDIO MONITOR

Audio Digital Mixer(B)
DM1000

AES/EBU 1

AES/EBU 2

C/R SPEAKER
XXXX

FRONT SPEAKER
XXXX

REAR SPEAKER
XXXX

CETER/WOOFER SPEAKER
XXXX

ADA-1
KAA008

ADA-2
KAA008

ADA-3
KAA008

ADA-4
KAA008

Audio Amp.
HP 1000

AES DA-1
KDAD08

AES DA-2
KDAD08

AES DA-3
KDAD08

AES DA-4
KDAD08

12 DEMUX
KUED10

* 제작시스템 개선 사업 영역

* 제작시스템 개선 사업 영역으로 참조바랍니다.

DRAWN BY:	AN. JH	NO	DATE	REVISIONS	SIGNED BY
CHECKED BY:	SHIN. SW				
CHECKED BY:	GOO. JS				
APPROVED BY:	GOO. JS				

SCALE: NONE

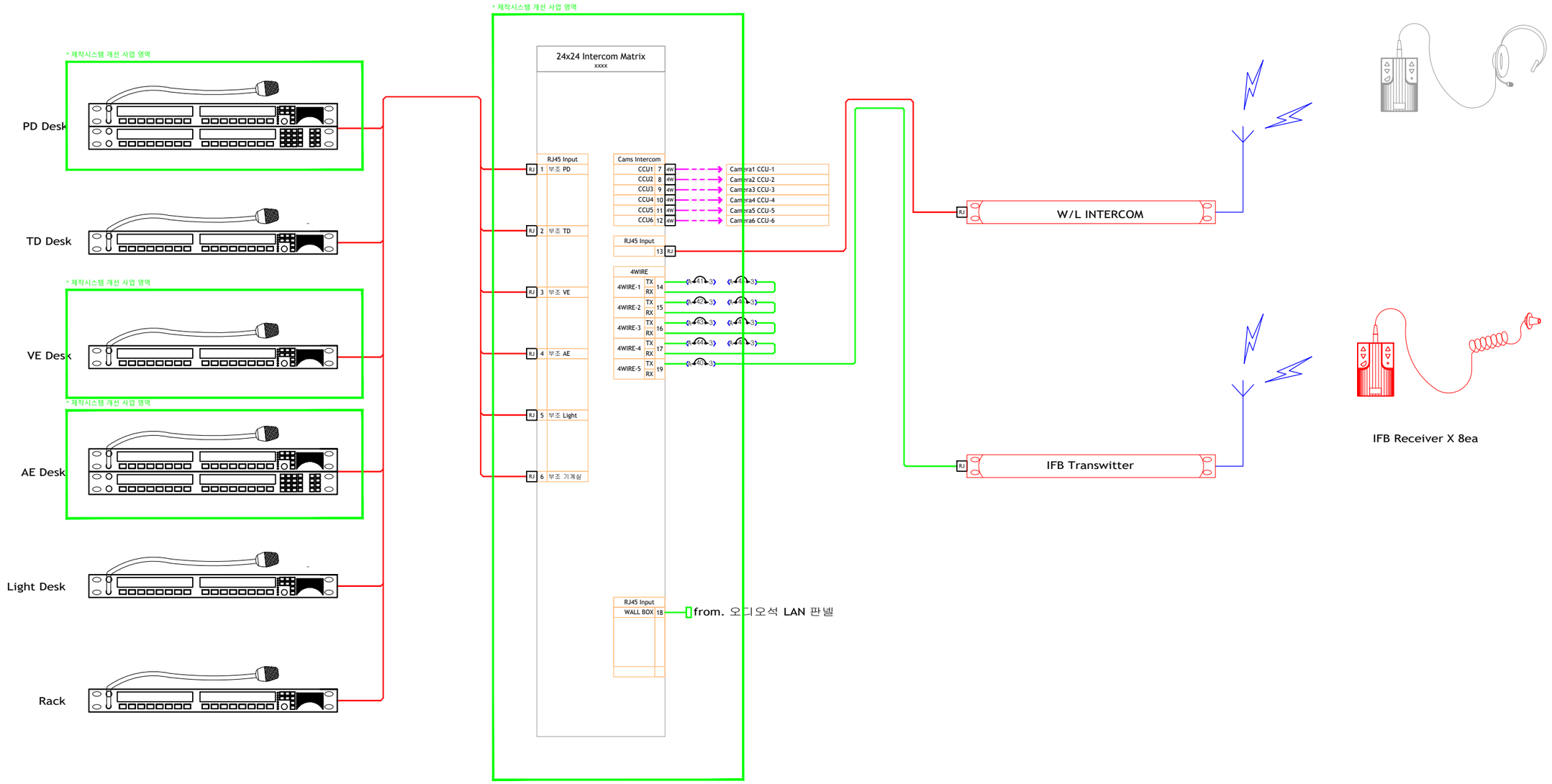
DRAWING NO: DWG-S_1_02

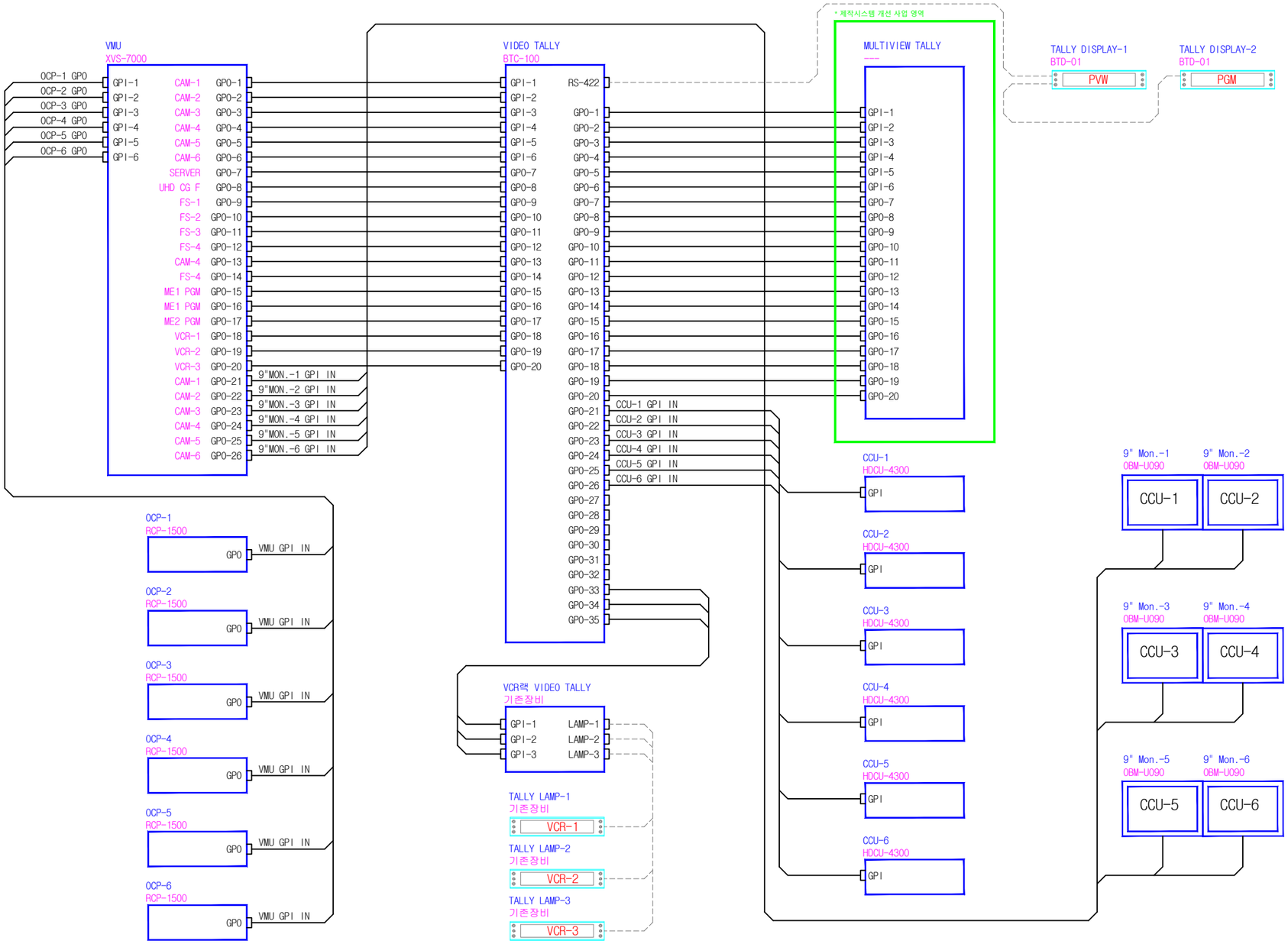
DRAWING NAME: 1부조정실 AUDIO SYSTEM BLOCK DIAGRAM

DATE: 2026.3

PROJECT: DMS 제작센터 제작 시스템 개선

한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY


* 제작시스템 개선 사업 영역
PD Desk
TD Desk
* 제작시스템 개선 사업 영역
VE Desk
* 제작시스템 개선 사업 영역
AE Desk
Light Desk
Rack
* 제작시스템 개선 사업 영역
24x24 Intercom Matrix
xxxx
RJ45 Input
RJ 1 부조 PD
RJ 2 부조 TD
RJ 3 부조 VE
RJ 4 부조 AE
RJ 5 부조 Light
RJ 6 부조 기계실
Cams Intercom
CCU1 7 4W
CCU2 8 4W
CCU3 9 4W
CCU4 10 4W
CCU5 11 4W
CCU6 12 4W
Camera1 CCU-1
Camera2 CCU-2
Camera3 CCU-3
Camera4 CCU-4
Camera5 CCU-5
Camera6 CCU-6
RJ45 Input
13 RJ
4WIRE
4WIRE-1 TX RX 14
4WIRE-2 TX RX 15
4WIRE-3 TX RX 16
4WIRE-4 TX RX 17
4WIRE-5 TX RX 19
RJ45 Input
WALL BOX 18
from. 오디오석 LAN 판넬
RJ
W/L INTERCOM
IFB Transwitter
IFB Receiver X 8ea



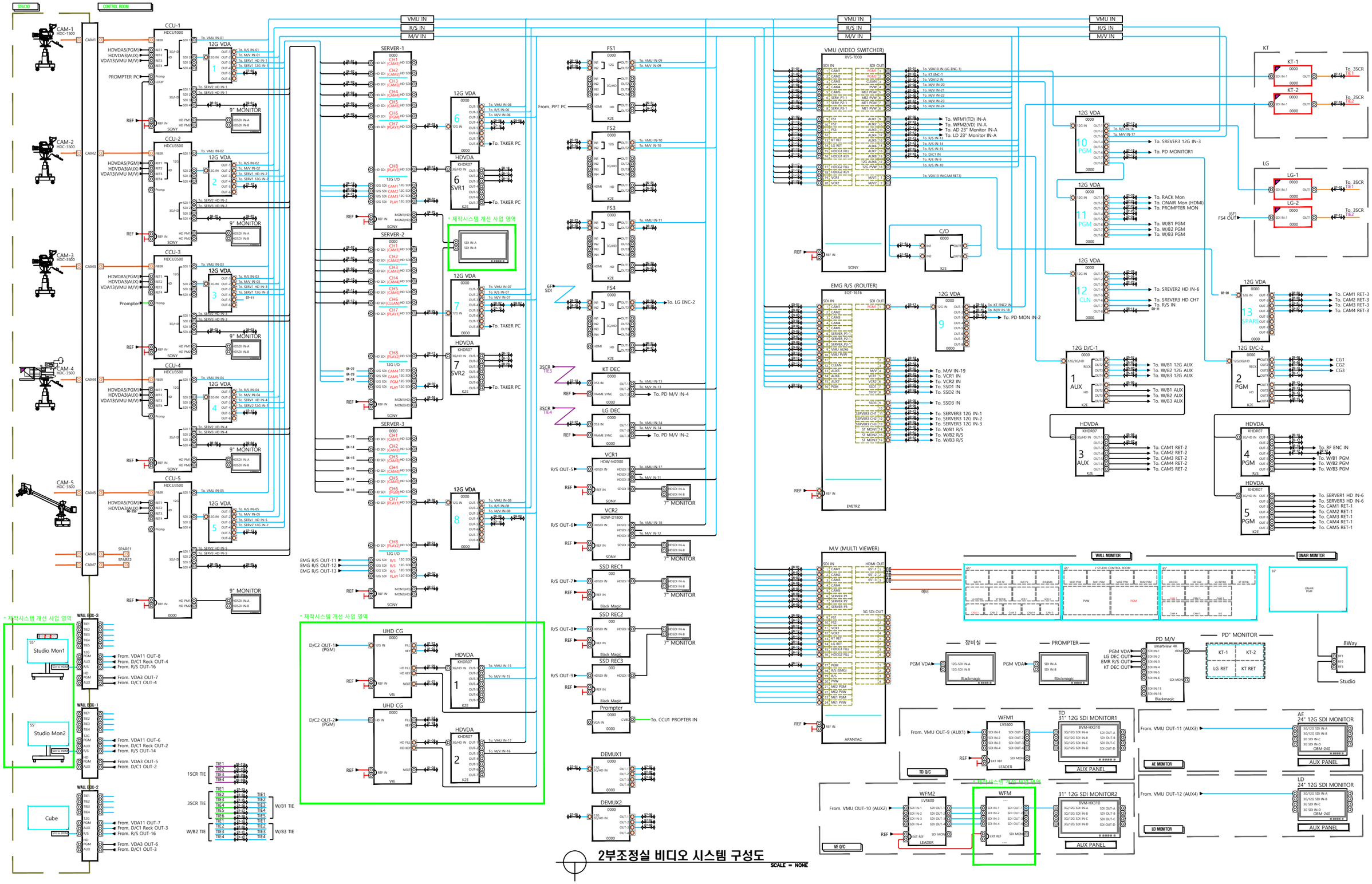
한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY

* 제작시스템 개선 사업 영역으로 참조바랍니다.

DRAWN BY:	AN. JH	NO	DATE	REVISIONS	SIGNED BY	SCALE: NONE	DRAWING NO: DWG-S_1_04
CHECKED BY:	SHIN. SW						
CHECKED BY:	GOO. JS					DATE: 2026.3	
APPROVED BY:	GOO. JS						

DRAWING NAME: 1부조정실 VIDEO TALLY BLOCK DIAGRAM

PROJECT: DMS 제작센터 제작 시스템 개선



* 제작시스템 개선 사업 영역으로 참조바랍니다.

한국콘텐츠진흥원 KOREA CREATIVE CONTENT AGENCY	DRAWN BY:	NO	DATE	REVISIONS	SIGNED BY
	CHECKED BY:				
	CHECKED BY:				
	APPROVED BY:				

SCALE: NONE

DRAWING NO: DWG-S_2_01

DATE: 2026.3

DRAWING NAME: 2 부조정실 VIDEO SYSTEM BLOCK DIAGRAM

PROJECT: DMS 제작센터 제작 시스템 개선

STUDIO

CONTROL ROOM

W/L MIC Ant.

W/L MIC RECV
EM9046 SU
ANALOG AUDIO
SENNHEISER

MIC SPLITTER
MSX-48
MAIN OUT
OUT 2
ARX

To. Sub AMU (Slot2)

3SCR TIE LINE (6회선)

AUDIO MIXING UNIT
MC3 56
MIC/LINE IN
LINE OUT

ADA
KAA008
1
2
3
4

To. SSD-1 CH1
To. SSD-2 CH1
To. SSD-3 CH1
To. Modulator CH1
To. LD Desk SPK-L
To. ST W/B1 PGM-L
To. ST W/B2 PGM-L
To. SSD-1 CH2
To. SSD-2 CH2
To. SSD-3 CH2
To. Modulator CH2
To. LD Desk SPK-R
To. ST W/B1 PGM-R
To. ST W/B2 PGM-R
To. ST W/B3 PGM-L
To. ST W/B1 TIE1
To. ST W/B2 TIE1
To. ST W/B3 TIE1
To. ST W/B3 PGM-R
To. ST W/B2 TIE2
To. ST W/B3 TIE2

SSD-1
SSD-2
SSD-3
0000
BlackMagic

From. ADA1 OUT-1L
From. ADA1 OUT-1R
From. ADA1 OUT-2L
From. ADA1 OUT-2R
From. ADA1 OUT-3L
From. ADA1 OUT-3R

NOTEBOOK
Stereo

TEL HYB
DH-22
HDBNT

From. AMU OUT A-5
From. AMU OUT A-6
TEL1
TEL2

COMP/LIMIT
1625L
dbx

From. AMU OUT A-15
From. AMU OUT A-16

EQ
FCS-960

From. AMU OUT A-17
From. AMU OUT A-18

I-MIX
TIE LINE

From. AMU OUT A-19
To. PD AUDIO MON-CH1
From. AMU OUT A-20
To. PD AUDIO MON-CH2

To. TEL HYB SEND1 IN
To. TEL HYB SEND2 IN
To. IFB (유선) (W/B2)
To. IFB (무선) IN
To. ST SPEAKER-L (W/B3)
To. ST SPEAKER-R (W/B3)
To. PD Audio Monitor CH1
To. PD Audio Monitor CH2
To. COMP CH1
To. COMP CH2
To. EQ CH1
To. EQ CH2
To. I-MIX Main
To. I-MIX Backup

CR Front SPEAKER
CR AE SPEAKER

CCU-1
CCU-2
CCU-3
CCU-4
CCU-5
HDCU-1000
HDCU-3500
SONY

* 제작시스템 개선 사업 영역

AUDIO FILE PLAYER
Analog Audio

PD AUDIO MONITOR
0000

From. AMU OUT A-11
From. AMU OUT A-12
From. I-MIX(M)
From. I-MIX(B)

WALL BOX-1
WALL BOX-2
WALL BOX-3
MIC-1
MIC-2
MIC-3
MIC-4
PGM-L
PGM-R
TIE1
TIE2
IFB
GPK-L
GPK-R
Tally-1
Tally-2

From. ADA 1-7L
From. ADA 1-7R
From. ADA 2-2L
From. ADA 2-2R
From. ADA 1-8L
From. ADA 1-8R
From. ADA 2-3L
From. ADA 2-3R
From. AMU OUT-7
From. ADA 2-1L
From. ADA 2-1R
From. ADA 2-4L
From. ADA 2-4R
From. AMU OUT-9
From. AMU OUT-10

GPI OUT
ANALOG I/O
LAWO

FS-1
FS-2
FS-3
FS-4
DEMUX-1
DEMUX-2
KUDB10
K2E

VCR-1
VCR-2
HDW-M2000
HDW-D1800
Analog Audio
SONY

To. Sub AMU IN A-11
To. Sub AMU IN A-12
To. Sub AMU IN A-13
To. Sub AMU IN A-14
To. Main AMU IN D-1
To. Main AMU IN D-2
To. Main AMU IN D-3
To. Main AMU IN D-4

UHD CG
Tornado2 R7 4K
HD CG1
HD CG2
Tornado2
Tornado
VRI

To. Main AMU IN D-5
To. Main AMU IN D-6
To. Main AMU IN D-7

CDP
DN-C680
Digital Audio
Analog Audio
DENON

To. Main AMU IN D-8
To. Sub AMU IN A-9
To. Sub AMU IN A-10

SERVER-1
SERVER-2
SERVER-3
PWS-4500
CH1
CH2
CH3
CH4

To. Main AMU IN D-17
To. Main AMU IN D-18
To. Main AMU IN D-19
To. Main AMU IN D-20
To. Main AMU IN D-9
To. Main AMU IN D-10
To. Main AMU IN D-11
To. Main AMU IN D-12
To. Main AMU IN D-13
To. Main AMU IN D-14
To. Main AMU IN D-15
To. Main AMU IN D-16

KT DEC
LG DEC

To. Main AMU IN D-29
To. Main AMU IN D-30
To. Main AMU IN D-31
To. Main AMU IN D-32
To. Sub AMU IN D-1
To. Sub AMU IN D-2
To. Sub AMU IN D-3
To. Sub AMU IN D-4

MAIN AUDIO MIXING UNIT
MC3
AES/EBU IN
AES/EBU OUT
DIGITAL I/O
LAWO

From. Sub AMU OUT-2TR

To. VCR1 AES/EBU 1/2
To. VCR2 AES/EBU 1/2
To. VCR1 AES/EBU 3/4
To. VCR2 AES/EBU 3/4
To. KT ENC1 AES/EBU 1/2
To. KT ENC1 AES/EBU 3/4
To. KT ENC1 AES/EBU 5/6
To. KT ENC1 AES/EBU 7/8
To. LG ENC1 AES/EBU 1/2
To. LG ENC1 AES/EBU 3/4
To. LG ENC1 AES/EBU 5/6
To. LG ENC1 AES/EBU 7/8
To. FS1 AES/EBU 1/2
To. FS1 AES/EBU 3/4
To. FS1 AES/EBU 5/6
To. FS1 AES/EBU 7/8
To. FS2 AES/EBU 1/2
To. FS2 AES/EBU 3/4
To. FS2 AES/EBU 5/6
To. FS2 AES/EBU 7/8
To. FS3 AES/EBU 1/2
To. FS3 AES/EBU 3/4
To. FS3 AES/EBU 5/6
To. FS3 AES/EBU 7/8
To. RWT AES/EBU 1/2
To. SUB AMU 2TR IN-1/2

SUB AUDIO MIXING UNIT
DM1000
AES/EBU IN
AES/EBU OUT
OMNI IN
OMNI OUT
2TR IN
2TR OUT
WCLK IN
SMPTE IN
WCLK OUT
YAMAHA

From. W/L MIC OUT-1
From. W/L MIC OUT-2
From. W/L MIC OUT-3
From. W/L MIC OUT-4

To. KT ENC2 AES/EBU 1/2
To. KT ENC2 AES/EBU 3/4
To. KT ENC2 AES/EBU 5/6
To. KT ENC2 AES/EBU 7/8
To. LG ENC2 AES/EBU 1/2
To. LG ENC2 AES/EBU 3/4
To. LG ENC2 AES/EBU 5/6
To. LG ENC2 AES/EBU 7/8
To. VCR1 CH-1
To. VCR1 CH-2
To. VCR2 CH-1
To. VCR2 CH-2
To. Main AMU IN D-28

Sub Monitor
8020

KT
LG
KT-1
KT-2
LG-1
LG-2
0000
AES/EBU 1/2
AES/EBU 3/4
AES/EBU 5/6
AES/EBU 7/8

TM7
RTW
0625

DADA
KDAD26
AES IN
K2E

To. SERVER1 CH1 1/2
To. SERVER1 CH2 1/2
To. SERVER1 CH3 1/2
To. SERVER2 CH1 1/2
To. SERVER2 CH2 1/2
To. SERVER2 CH3 1/2
To. SERVER3 CH1 1/2
To. SERVER3 CH2 1/2
To. SERVER1 CH1 3/4
To. SERVER1 CH2 3/4
To. SERVER1 CH3 3/4
To. SERVER2 CH1 3/4
To. SERVER2 CH2 3/4
To. SERVER2 CH3 3/4
To. SERVER3 CH1 3/4
To. SERVER3 CH2 3/4
To. SERVER1 CH1 5/6
To. SERVER1 CH2 5/6
To. SERVER1 CH3 5/6
To. SERVER2 CH1 5/6
To. SERVER2 CH2 5/6
To. SERVER2 CH3 5/6
To. SERVER3 CH1 5/6
To. SERVER3 CH2 5/6
To. SERVER1 CH1 7/8
To. SERVER1 CH2 7/8
To. SERVER1 CH3 7/8
To. SERVER2 CH1 7/8
To. SERVER2 CH2 7/8
To. SERVER2 CH3 7/8
To. SERVER3 CH1 7/8
To. SERVER3 CH2 7/8

INTERCOM MTX
I/O

2부조정실 오디오 시스템 구성도

SCALE = NONE

* 제작시스템 개선 사업 영역으로 참조바랍니다.

한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY

DRAWN BY:	NO	DATE	REVISIONS	SIGNED BY
CHECKED BY:				
CHECKED BY:				
APPROVED BY:				

SCALE: NONE

DRAWING NO: DWG-S_2_02

DATE: 2026.3

DRAWING NAME: 2 부조정실 AUDIO SYSTEM BLOCK DIAGRAM

PROJECT: DMS 제작센터 제작 시스템 개선

STUDIO

UHD CAM 1
Standard Camera 1
w/ Pedestal System

UHD CAM 2
Standard Camera 2
w/ Pedestal System

UHD CAM 3
Standard Camera 3
w/ Pedestal System

UHD CAM 4
EFP Camera 1
w/ Pedestal System

UHD CAM 5
EFP Camera 2
w/ Pedestal System

UHD CAM 6
EFP Camera 3
Jimmy Jib System

Camera Crane Sonsm

HD CAM 7
EFP Camera 4
w/ Pedestal System

HD CAM 8
EFP Camera 5
w/ Pedestal System

* 제작시스템 개선 사업 영역

Studio Mon1

Studio Mon2

* 제작시스템 개선 사업 영역

* 제작시스템 개선 사업 영역

* 제작시스템 개선 사업 영역

* 제작시스템 개선 사업 영역

* 제작시스템 개선 사업 영역으로 참조바랍니다.

WALL MONITOR

CAM-1	CAM-2	CAM-3
CAM-4	CAM-5	CAM-6
SVR-1	SVR-2	KIPRO
AUX-1	SCAN	CLEAN
AUX-2	PVW	
AUX-3		
M/E-1	M/E-2	F/S-1
PGM		C/G PGM
		C/G NEXT
F/S-2	F/S-3	F/S-4
CAM-1	CAM-2	CAM-3
CAM-4	CAM-5	CAM-6

DESK MONITOR

TD 4K MON

VE 4K MON

AE M/V MON

AE MON

LIGHT MON

RACK MON

DRAWN BY:		NO	DATE	REVISIONS	SIGNED BY
CHECKED BY:					
CHECKED BY:					
APPROVED BY:					

한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY

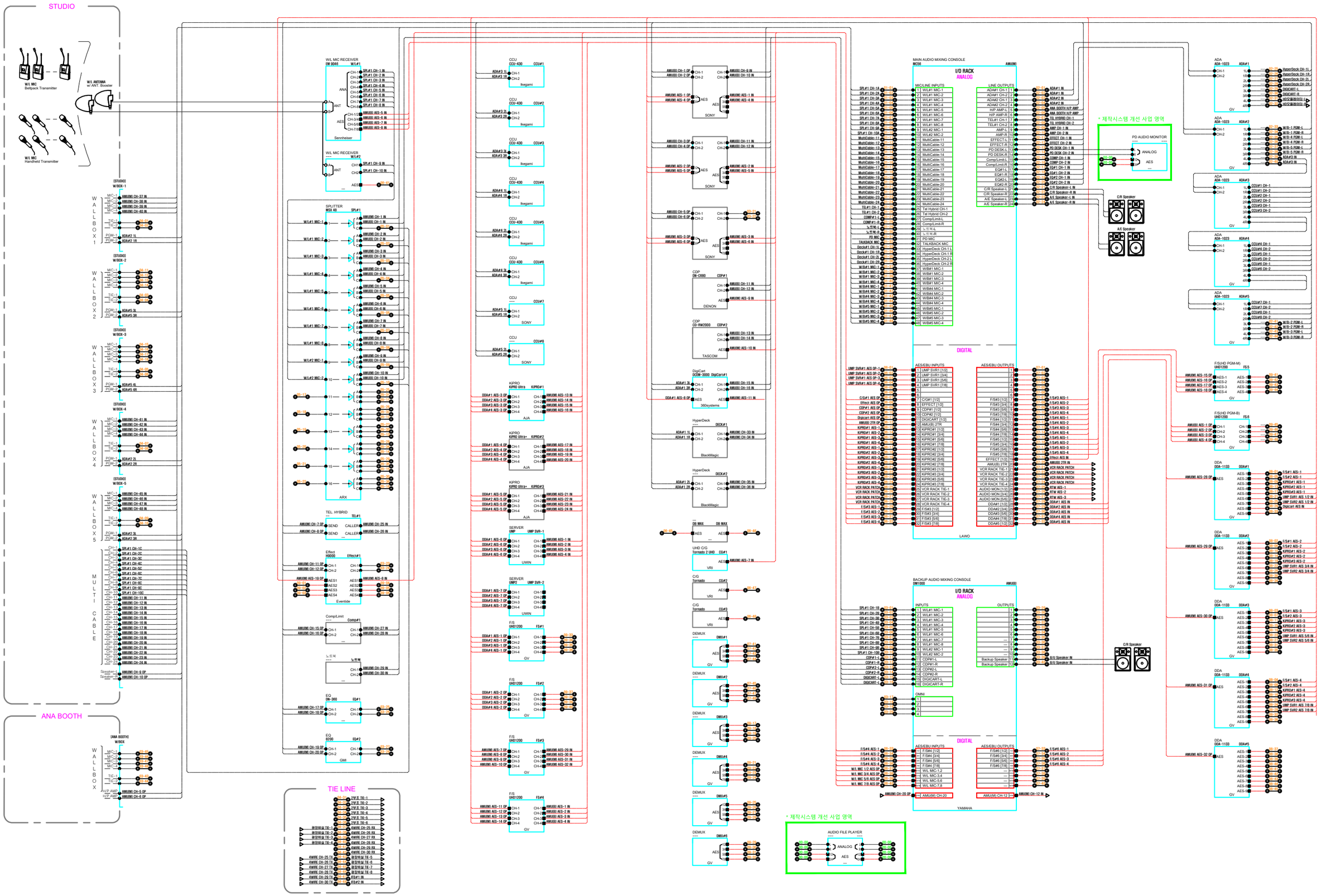
SCALE: NONE

DRAWING NO: DWG-S_3_01

DATE: 2026.3

DRAWING NAME: 3 부조정실 VIDEO SYSTEM BLOCK DIAGRAM

PROJECT: DMS 제작센터 제작 시스템 개선



* 제작시스템 개선 사업 영역으로 참조바랍니다.

DRAWN BY:	NO	DATE	REVISIONS	SIGNED BY	SCALE: NONE	DRAWING NO: DWG-S_3_02	DRAWING NAME: 3 부조정실 AUDIO SYSTEM BLOCK DIAGRAM
CHECKED BY:							
CHECKED BY:					DATE: 2026.3		PROJECT: DMS 제작센터 제작 시스템 개선
APPROVED BY:							

한국콘텐츠진흥원
KOREA CREATIVE CONTENT AGENCY