Arkaden

Arkaden (U1023-G16)

SP01-LIVEIP

Zum Superspine 4
Zum Superspine 4

Arista DCS-7289 R3A-BND-D-DC-F
2 x 400G / Board
2 x 100G / Board

LWL-Patchfelder LWL in House

Arkaden (3128-G01)

LWL-Patchfelder LWL in House

SP02-LIVEIP

Arista DCS-7289 R3A-BND-D-DC-F
2 x 400G / Board
2 x 100G / Board

4 Zum Superspine
4 Zum Superspine

ZGR (3079+3128) Bereich 3.OG

LWL-Patchfelder In House

Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)

7 **7 x IP-Gateway Imagine SNP** imagine

Leaf 1 **Audio Zuspieler**

Leaf 3 **Prodigy MX (Audio Plugin Server Havariepult (DM7) via Dante)**

Operative Bereiche

LWL Infrastr uktur 3 — Geräte Sportcampus (PTZ-Kameras)

Mobile Stagebox Hörfunk

CAT Infrastr uktur — Leaf — Geräte Sportcampus (Abhörcontroller, Audiomischpult usw.)

LWL-QVz zwischen Sportcampus / Sporthub

ZGR 1-4 Bereich 2.OG

LWL-Patchfelder In House

Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista DCS-7280SR3 48YC8-F (48 x 10/25GB) (Endgeräte 25G CWDM, Endgeräte 10G)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (1 Endgeräte, 1 Endgeräte NMOS)
Arista DCS-7280SR3 48YC8-F (48 x 10/25GB) (Leaf via O/E, Leaf via O/E, Leaf 25G CWDM, Leaf 25G CWDM; Endgeräte 25G CWDM, Endgeräte 10G)

8 **8 x IP-Gateway Imagine SNP** imagine

Leaf 1 **Audio Zuspieler**

Leaf 3 **Prodigy MX (Audio Plugin Server Havariepult (DM7) via Dante)**

Operative Bereiche

LWL Infrastr uktur 3 — Geräte Sportcampus (PTZ-Kameras)

CAT Infrastr uktur — Leaf — Geräte Sportcampus (Abhörcontroller, Audiomischpult usw.)

LWL Infrastr uktur — Mobile Stagebox TV

Filmhaus

Rechenzentrum 3 (xxx)

FHH-xx-SP01-LIVEIP

Zum Superspine 2
Zum Superspine 2

Arista DCS-7289 R3A-BND-D-DC-F
2 x 400G / Board
3 x 100G / Board

Endgeräte

Spine 2 **2 x IP-Gateway Imagine SNP (Havarieumschaltung)** imagine
Spine 2 **2 x IP-Gateway Imagine SNP (Processing)** imagine
Spine 16 **Multiviewer 1-8 Evertz EV670 HW2 je 64 x in 3G, 4 x Out 12G/3G** evertz
Spine 4 **Videomischer-1+2 je 64 x in, 24 x out (3G) 4 x out (12G) Panasonic Kairos**
Spine 1 **Multi-Rasterizer Bridgetech VB-440**

FHH-xx-SP02-LIVEIP

Zum Superspine 2
Zum Superspine 2

Arista DCS-7289 R3A-BND-D-DC-F
2 x 400G / Board
3 x 100G / Board

Endgeräte

Arista DCS-7280SR3 48YC8-F (48 x 10/25GB) (Endgeräte, Endgeräte, Endgerät)

Leaf 3 **3 x EVS-XTA**
Leaf 2 Leaf 2 Leaf 2 Leaf 2 **EVS-XT-VIA 12CH**
Leaf 2 Leaf 2 Leaf 2 Leaf 2 **EVS-XT-VIA 12CH**
Leaf 2 Leaf 2 Leaf 2 Leaf 2 **EVS-XT-VIA 12CH**

Arista DCS-7280SR3 48YC8-F (48 x 10/25GB) (Endgeräte, Endgeräte, Endgerät)

Leaf 2 **Hitomi Sync-Analizer 1+2**
Leaf 1 **Plura Mitto TC-Inserter**
Leaf 3 **Mediakind IP-TV Encoder/Decoder**
Leaf 2 **UHD-Core Audioproc.** LAWO
Leaf 1 **HOME-APP-Server main (Audiopult Campus und HUB)** LAWO
Leaf 1 **HOME-APP-Server backup (Audiopult Campus und HUB)** LAWO
HOME-Server 1 (Audiopult Campus und HUB) LAWO
HOME-Server 2 (Audiopult Campus und HUB) LAWO
HOME-Server 3 (Audiopult Campus und HUB) LAWO

NMOS-Ctrl, Endgeräte
NMOS-Ctrl, Endgeräte

Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (Endgeräte)

Leaf 1 **Zentraler Codec AVT**
Leaf 1 **Zentraler Luci-Server 1**
Leaf 1 **Zentraler Luci-Server 2**
Leaf 6 **Intercom-Sport Campus 3.OG** RIEDEL

Arista CCS-720XP 48ZC2-2F-EU (48 x 1GB) (Endgeräte)

Leaf 6 **Intercom-Sport Campus 2.OG** RIEDEL

Rechtschule

U 107

RSH-RU000107-SP01-LIVEIP

Zum Superspine
Zum Superspine

Arista DCS-7289 R3A-BND-D-DC-F — 2

Vernetzungs Kreuzschiene 32 x Input 32 x Output

2 MADI
32
32

2 x IP-Gateway Imagine SNP imagine

OG 127

RSH-RU000127-SP02-LIVEIP

Zum Superspine
Zum Superspine

Arista DCS-7289 R3A-BND-D-DC-F — 2

Explanation of used symbols

Gebäude
Raum
Gerät-Bestand
Gerät-im Projekt Beistellung
Gerät-im Projekt Über SI
Fremdsysteme
Bestands Switch

2110- 400G
2110- 100G
2110-10G
2110-25G
2110-1G
Generic Fiber
LAN
HD-SDI
UHD-SDI

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WDR

No.	Revision	Date	Name
		Drawn	23.05.25	Späth
2.3	final Revision	20.09.26	MS	Checked	-	-
2.2	4th Revision	18.08.26	MS	Print	xx	Späth
2.1	3rd Revision	22.05.26	MS			
2.0	2nd Revision	20.10.25	MS			
1.1	1st Revision	28.05.25	MS			
1.0	1st Submission	23.05.25	MS			

Scale: 1:1 @ A1

Anlage 3.2.1
ARD Sportcampus
Topologie 2110-Netzwerk

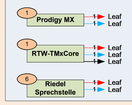
Anlage 3.2.1_Blockschaltbild ST 2110 Netzwerk.vsdx
ST 2110-Topologien-ZGRs

1/1
PAGE

SPC CONSULTING
SE

Operative Räume Sportcampus 3.OG TV

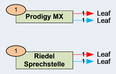
Dispatcher-CR 3.3 (3040/3042)



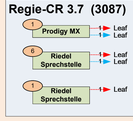
Tonregie-CR 3.8 (3093)



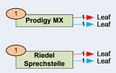
MuFu groß-PE 3.2 (3043)



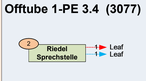
Regie-CR 3.7 (3087)



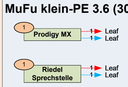
MuFu klein-PE 3.1 (3044)



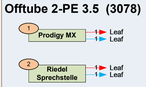
Offtube 1-PE 3.4 (3077)



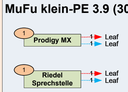
MuFu klein-PE 3.6 (3086)



Offtube 2-PE 3.5 (3078)

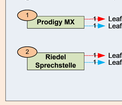


MuFu klein-PE 3.9 (3094)

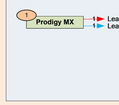


Operative Räume Sportcampus 3.OG Hörfunk

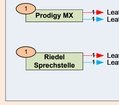
Regie 01-CR 3.13 (3111)



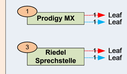
Studio Podcast-Studio 3.10 (3100)



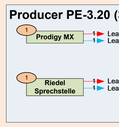
Adminns (Office)



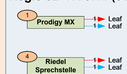
Studio 01-Studio 3.12 (3110)



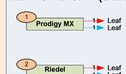
Producer PE-3.20 (3120C)



Regie 02-CR 3.14 (3113)



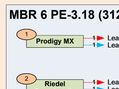
MBR 5 PE-3.17 (3126)



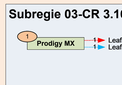
Studio 02-Studio 3.15 (3114)



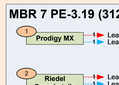
MBR 6 PE-3.18 (3120A)



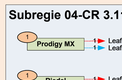
Subregie 03-CR 3.16 (3115)



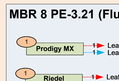
MBR 7 PE-3.19 (3120B)



Subregie 04-CR 3.11 (3101)

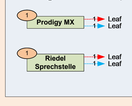


MBR 8 PE-3.21 (Flur)

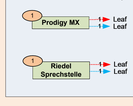


Operative Räume Sportcampus 2.OG TV

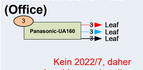
MuFu groß-PE 2.7 (2080)



MuFu klein-PE 2.1 (2036)

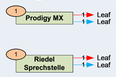


Presenterfläche + ZBV (Office)

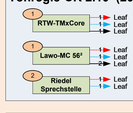


Kein 2022/7, daher Anschluss an jeweils nur ein Netzwerk

MuFu groß-PE 2.9 (2096)



Tonregie-CR 2.10 (2094)



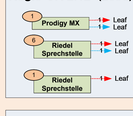


Poolgerät beliebig einsetzbar

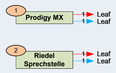
MuFu groß-PE 2.2 (2035)



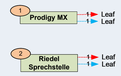
Regie-CR 2.12 (2095)



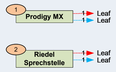
MuFu klein-PE 2.6 (2082)



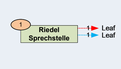
Offtube 1-PE 2.4 (2071)



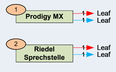
MuFu klein-PE 2.11 (2092)



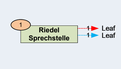
Offtube 2-PE 2.5 (2071)



MuFu klein-PE 2.8 (2078)



Offtube-PE 2.3 (2035)



Explanation of used symbols

Bereich
Raum
Gerät-Bestand
Gerät-im Projekt Beistellung
Gerät-im Projekt über SI
nur Anschlusspunkt
Fremdsysteme
Bestands Switch

2110- 400G
2110- 100G
2110-10G
2110-25G
2110-1G
Generic Fiber
LAN
HD-SDI
UHD-SDI

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WDR

Scale: 1:1 @ A1

				Date	Name
			Drawn	23.05.25	Spith
			Checked	-	
			Print	xx	Spith

No.	Revision	Date	Name
2.1	final Revision	24.07.26	MS
2.0	2nd Revision	20.10.25	MS
1.1	1st Revision	28.05.25	MS
1.0	1st Submission	23.05.25	MS

SPC CONSULTING SE

Anlage 3.2.1
ARD Sportcampus
Operative Räume 2110-Netzwerk

Anlage 3.2.1_Blockschaltbild ST 2110 Netzwerk.vsdx
Operative Räume

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