

**USED OB SNG VAN Mercedes Benz Vario 815 D high level equipped**  
**PREPARED FOR 5 CAMERA CHAINS**  
**IN VERY GOOD CONDITION – AVAILABLE FOR SALE**

**Facts:**

Mercedes Benz Vario 815 D – registered as “special vehicle”  
OB SNG VAN was built in 2004  
First registration: August 2004  
MOT valid until: November 2024  
Euro Emission Norm: Euro 3  
Mileage: 164.300km  
Permanently technical maintenance + updates  
Truma air condition room cooling and cooling for 2 racks + technique  
Maximum Weight of the OB SNG VAN: 7490KG

**Video -Audio Facts**

Nevion 64 x 64 3G video matrix  
Sony MVS6530 1080i video mixer  
Clear Com Eclipse HX 64 x 64 intercom matrix  
Prepared for 1x EVS 12 channel server – space for 1x additional 8 channel server  
Prepared for 5 camera chains  
6 working positions are available  
Video/Audio/Fiber cabling will remain

A full technical documentation is available - all cables are numbered



**Short description of the OB SNG Van:**

This OB-SNG vehicle is a very powerful HD Broadcast Van. The OB-SNG is prepared for up to 6 camera CCU controlled camera chains.

The SNG part is a high-level equipped HD SNG built from ND Satcom Germany

This combination makes the vehicle to be a powerful OB-SNG solution for smaller production and narrow places.

The Video/audio equipment was permanently maintenance and permanently updated ....

**Technical specifications of the OB Van:**

<b><u>Type of the vehicle: Mercedes Benz 815D-KA -Diesel</u></b> Engine: 150 HP -110KW
<b><u>MOT certification of the OB Van until:</u></b> November 2024
<b><u>First registration of the OB Van:</u></b> August 2004
<b><u>Measurements OB Van:</u></b> Length 7,4m x Wight 2,3m x Height 3,6m
<b><u>OB Van weight:</u></b> 7.490kg maximum weight
<b><u>Possible weight on the axles:</u></b> 1 <sup>st</sup> axle: 2.500kg 2 <sup>nd</sup> axle: 5.600kg
<b><u>Power system:</u></b> 32A CEE three phase power system 1x Transformer - 3x400 volt -Huber Transformer T3G 1xElectrex Exa power control system 1x Power test unit with 32 Ampere connector -to test the power system before to switch on the OB-SNG 1x 50meter power cable
<b><u>Awnings -right and rear side:</u></b> 1x Awning manual controlled on the right side 1x Awning -manual controlled – on the rear side
<b><u>Drivers Cabin -extras:</u></b> Digital Panasonic DVD mobile Navigation System Mobitronic Rear camera system installed Place for to do voice over -co driver seat - including Audio/Video connections for Monitor, including bracket for Video Monitor 1x Wohler VMQ-4 analogue Audio Monitor panel 1x BEL Digital Audio Monitor A4-4 unit
<b><u>Power generator:</u></b> No power generator installed, there is the space to install on the rear room
<b><u>Electrical controlled stabilizers:</u></b> Electrical controlled – front and rear side
<b><u>Hydraulic Levelling system</u></b> HWH- electrical Hydraulic system for to level the vehicle is installed
<b><u>Floor heating:</u></b> Floor heating on all working positions

**Air condition System:**

Truma Frostair for technical Racks and 1 extra Truma unit for the production room  
2 circles

**Tyres:**

All Tyres are from the year 2022 – in very good condition

**Video/Audio/ Fiber cabling:**

Will remain in the OB -full cable documentation is available  
Video cabling is 3G ready !

**Connections on the rearside + rightside rear:**

**Rearside:**

2x 12x Audio patch panels  
24x Fiber connection board with E2000 connectors  
1x Studer Stereo Balance Unit with 3 cards  
1x Studer Master Sync D19 Series  
1xDigico Audio converter -Orange Box  
1 Digico SD Rack for the Stagebox is installed  
1x Sonifex Redbox  
1x Mobitronic 24VIOUO Automatic loader for Batteries -switch mode Automatic charger

**Rightside rear:**

Suhner Fibre Optic patch panel -12x E2000 connectors  
Neutrik PATCHPANELS,X BNC,X XLR, ETHERCON,  
4x Telecast SMPTE HYBRID ELIMINATION DEVISE SHED-BS-SC -1 side  
5x Lemo SMPTE camera connectors  
Audio patchfield

**Electrical cable drums on the right rear side:**

2xElectrical controlled cable drums for 150mtr. fiber cable each  
1x Electrical controlled cable drum for the power cable

**Electrical controlled stairs on the right side:**

2x Electrical controlled stairs on the right front and rear side

**Turnable seats in the driver cabin:**

Both seats are turnable 180°

**Repairings on the Vehicle:**

The rear brakes and both brake calipers were replaced at 160.000km  
A major "Rust treatment" was carried out before the last inspection in October 2023  
All vehicle parts were maintained permanently

**Working places in the vehicle: 6**

Video gallery working place: 1 - front row  
Vision control working place+SNG: 1 - front row  
Audio gallery working place: 1 - driver area  
Editorial working place:1 - near audio gallery on the entrance

**Technical equipment information OB SNG VAN:**

**Video Mixer:**

1x Sony MVS 6530 – 1080i video mixer -3ME  
48 inputs / 32 outputs  
1x Sony Digital Multi Effect board MKS 6570  
1x Menue Panel for Sony ICP-6511  
1x Sony control panel ICP-3016

**Back up Videomixer Blackmagic 4K:**

1x Blackmagic Production Switcher - SWATEMPSW1ME4K  
1x Blackmagic Video-Breakoutbox – BDLKULSDEXPRESS  
1x Skaarhoj Pocket Controller -E21-TVSL

**Video matrix - 3G:**

Nevion 64 x 64 3G-SDI video matrix – Nevion Multirate SL-3GHD6464  
With 1x Nevion touch screen control panel CP-TOUCH

**Included cards:**

1x Nevion DUAL 3GHD-SDI ELECTRICAL OPTICAL C- 3GHD-OE-2-C1310  
1x Nevion 3GHD-SDI ELECTRICAL,NEVION 3GHD-EO-2-13T-7

**Video/ audio distribution cards:**

4x SAM (Snell&Wilcox) IQAVDR-2A  
5x SAM Doublecard :IHD/SD-SDI ASYNC REMULTIPLEX - IQMUX43  
1x SAM Doublecard: INTELLENT DISTRIBUTION AMP  
1x SAM HD/SD-SDI ASYNC REMULTIPLEXER,10-C - IQMUX4226-1A  
1x INTELLIGENT DISTRIBUTION AMPLIFIER -IQSDA-1A  
1x Network - HD-SDI OPTICAL TO ELECTRICAL CONVERTER - FM-HD-OE - FM-HD-OE  
1x NFK OPTICAL TRANSMITTER - ADS1250TRASA  
3x Network - SDI-EO CONVERTER,1310NM SM HD-EO-13T  
1x ANALOGUE AUDIO Distribution card - SAM (Snell&Wilcox) - IQADA0010-1A

**Frame synchronizer:**

4x SAM HD/SDI FRAME SYNCRONIZER - IQSYN2026-1A  
1x Card: NETWORK ETHERNET 10BASE-T/100BASE-T - ETH100-13T-7.5D

**Monitors:**

3x Sony HD OLED PVM A-250 in the main production gallery -25"  
1x Marshall Triple 5 inch rackmountable with HDMI -M-Linx-503  
1x Marshall DUAL RACK MOUNT MONITOR,LCD,7" - V-MD72  
1x TV-Logic multiformat Monitor -16,5" -LVM-171A

**Multiviewing system – 1080p ready:**

1xDecimator MD-Quad -3G  
2x 6 channel Multiviewer Decimator -DMON-6S

**Slow Motion – Slow motion servers not included:**

Prepared for 1x EVS XT3 channel max server - 12 channels  
1x additional EVS XT3 8channel server is possible  
**EVS servers are not included – available on request**

**Audio:**

Audio Mixer Digico SD9  
Dolby 5.1 possible – **License not included – on request**

**Audio matrix**

**Dante matrix:**

64 x 64 Dante in/out

64 Madi out 2 Madi ports 1x Dante Breakout-box Xilica Rio R1616-N
<b><u>Audio Glue Equipment:</u></b> 1x Studer D19 Balancing Unit with 3 Cards 1x Sonifex Redbox1x Directout Madi Reclocker/Converter EXBOX.64 1xRTW TM3S Audiometer -Touch monitor-display unit+interface box
<b><u>Speakersystem:</u></b> 1x Wohler -4 channel VMQ-4
<b><u>Digico Stage box:</u></b> 1x outdoor Digico stage box 1x Digico SD Mini Rock outdoor stagebox - 16 in 8 out AES 3 – 8 in- 8 out 1 Digico SD Rack for the Stagebox is installed on the rearside 1xDigico Audio converter -Orange Box
<b><u>Clear Com intercom system:</u></b> Clear Com Eclipse HX 64 x 64 matrix 4x Clearcom V12RDX4 intercom panels - with microphones 1x Clearcom V24RDX4 intercom panel - with microphone
<b><u>IP Codec:</u></b> 1x Prodys Quantum one IP Codec 19" including 2x Dante and 1x Dante converter
<b><u>Worldclocks:</u></b> 1x Studer worldclock for Balckburst 1x Masterclock SPG 8060
<b><u>Motorola walkie talkies:</u></b> 6x Motorola DP3600 UHF Frequencies: 403-470 Mhz 1x Motorola WPLN4211B Fast charger
<b><u>Audioplayer:</u></b> 1x CD Player Denon DN-501C
<b><u>Audio boxes:</u></b> 2x Neumann KH120A two way active studio Boxes 5x Fostex 6301B3X Activ boxes are installed 1x Fostex RM-1 Active Loudspeaker 1xBEL Pre-listening Monitor- 19"1HE BCR-A 4/4 1x Auvittran AVBx3 Audio toolbox
<b><u>Technical facts SNG:</u></b> <b><u>Full redundant SNG - 2+1</u></b> <b><u>Satellite Dish:</u></b> DIAMOND ERA DAS 1500J -KU Technical check of the whole system in 2018 made by ND Satcom – everything in perfect condition
<b><u>HPAs -Outdoor:</u></b> 1x ND Satcom 400 Watt 2413 BKU -Frequency range: 13,75 -14,5 GHZ 1x ND Satcom 200 Watt 1413B -Frequency Range: 13,75-14,5 GHZ 1x ND Satcom HPA E200A controller

**HPA's and transmission chains were checked in 2018 from ND Satcom:**

All transmission chains serviced - all perfect

The air intake filter was changed on each HPA in 2018 from ND Satcom

Stability measurement from all transmission chains was done -all perfect

Technical check return receipt on transmission chains – all perfect

**LNB Converter:**

Dual Band LNB converter

1x Dual Band LNB converter SMW WDL Digital Type B - as spare included

**Wave guides:**

All wave guides are in perfect condition

All 3 wave guides - Flex Twist 120 WR75 were changed in 2018 from ND satcom

**Spare parts included:**

There are 3 wave guides Flex Twist R120 WR75 in different length as spare included

**Helix power and HPA working hours:**

Helix power on HPA 1-400 Wat 8.83 KV

Helix power on HPA 2-200 Watt 8.72 KV

**Encoder / Decoder:**

2x Ericsson Encoder Voyager II in HD 1080i – 4:2:2

2x Ericsson Decoder RX8200

**BISS Code:**

Yes

**Audio pairs:**

4 pairs are possible

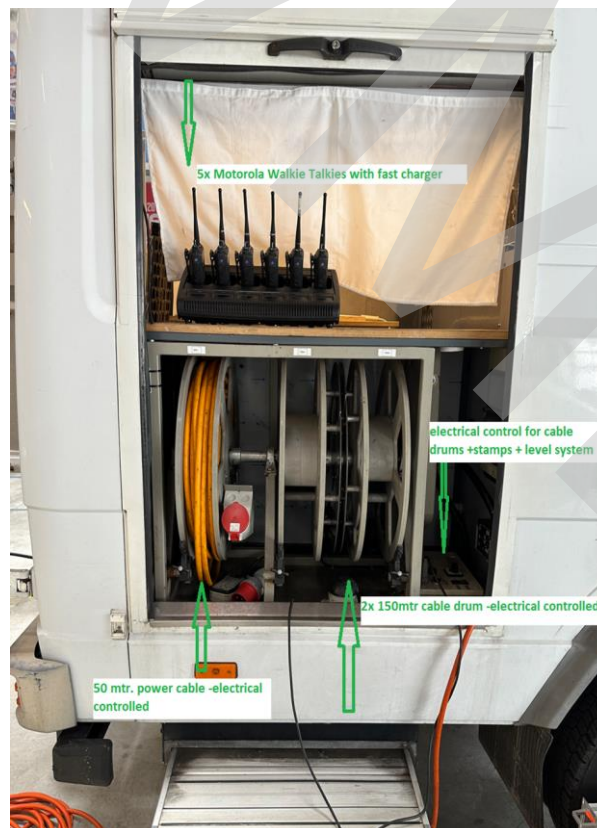
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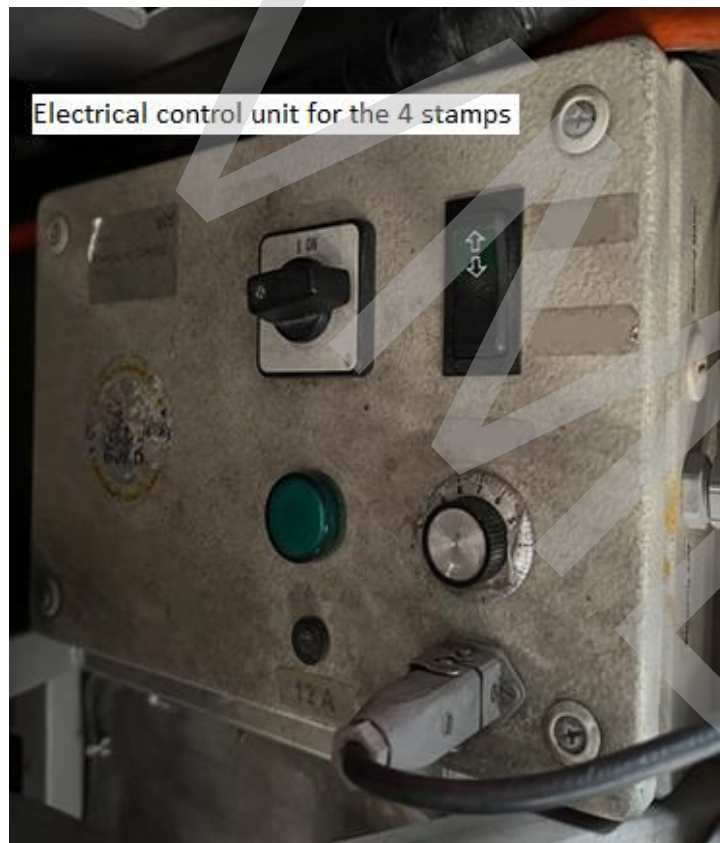
Satellite permission on Eutelsat; Astra

Pictures of the OB SNG Van:







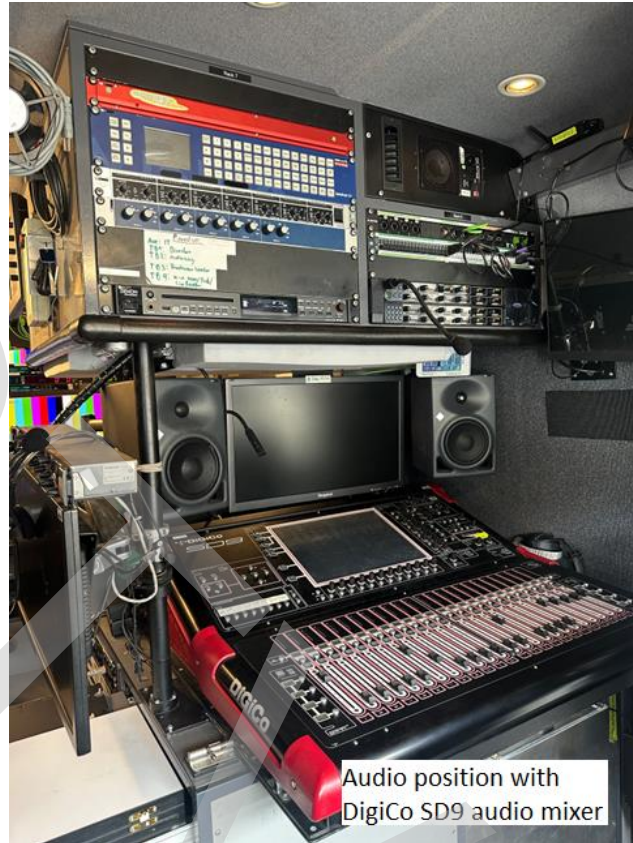


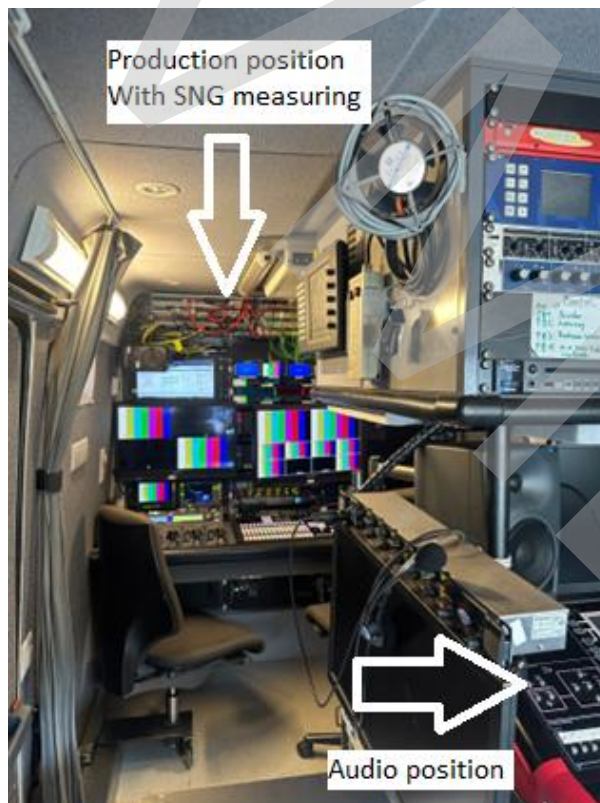
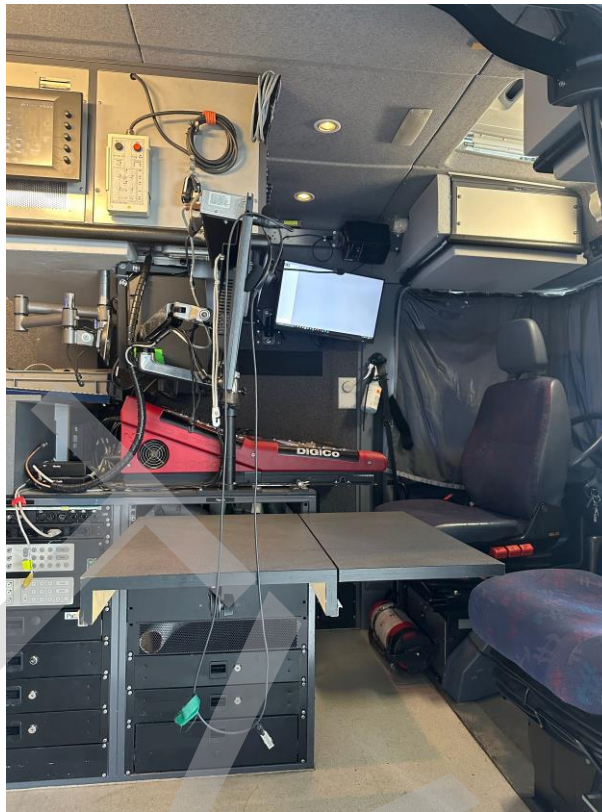


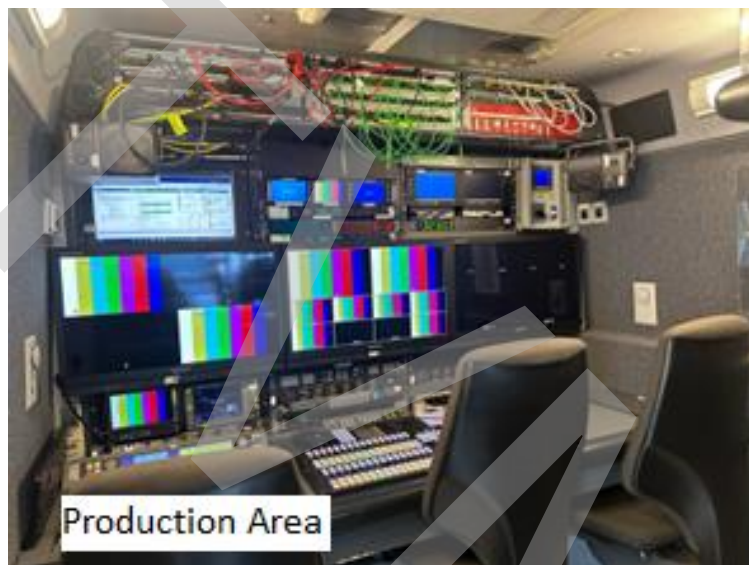
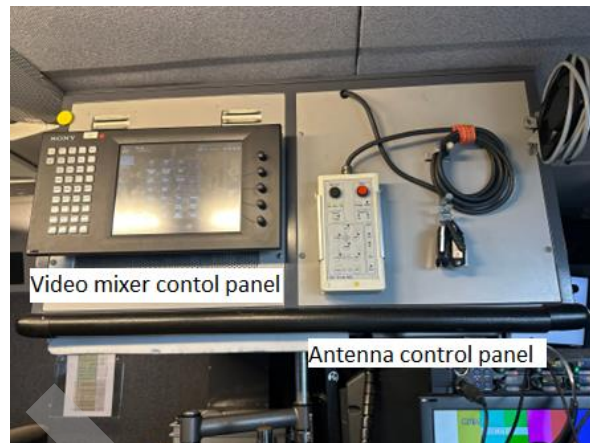
Driver Cabin Mercedes Vario 815D  
Left hand drive

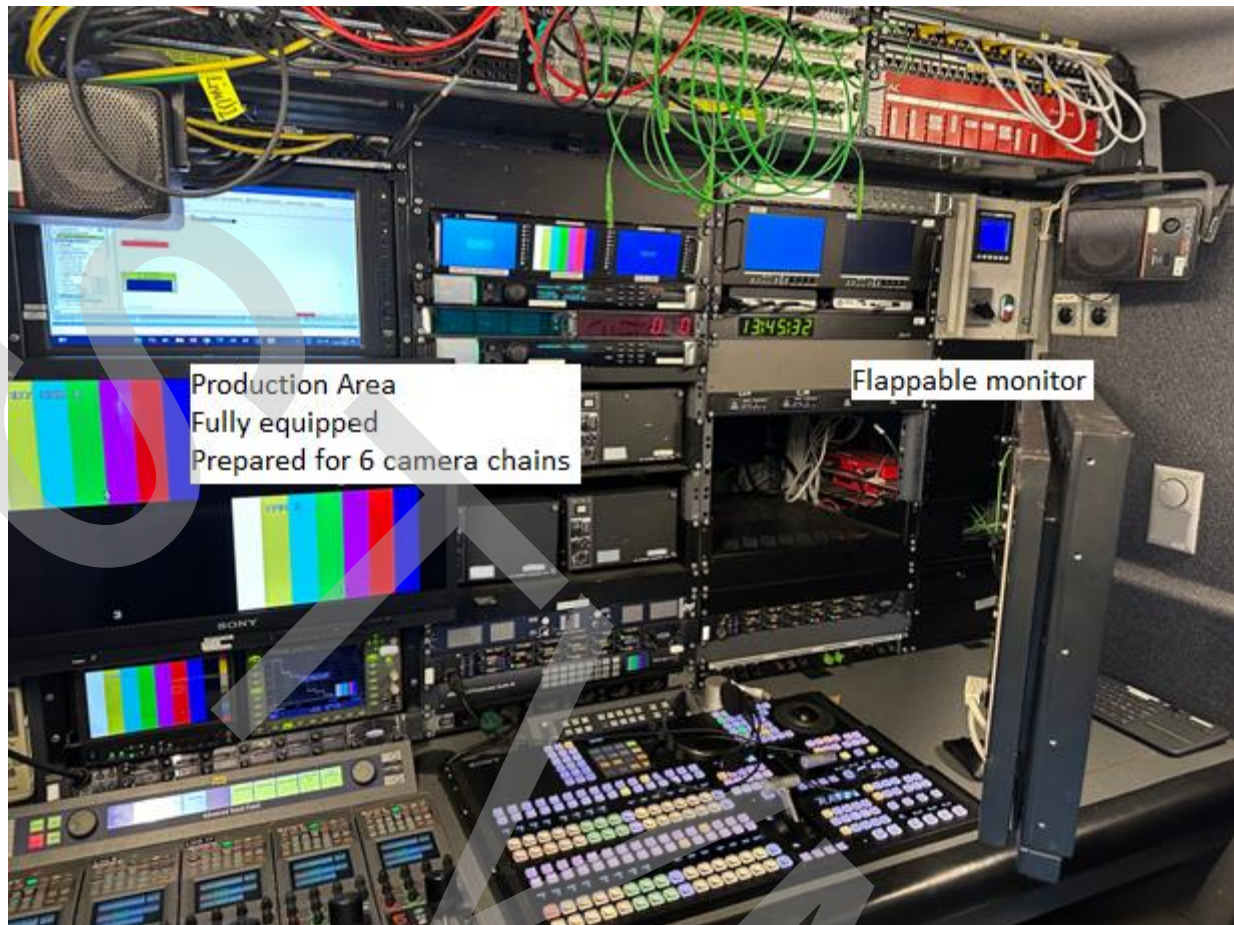


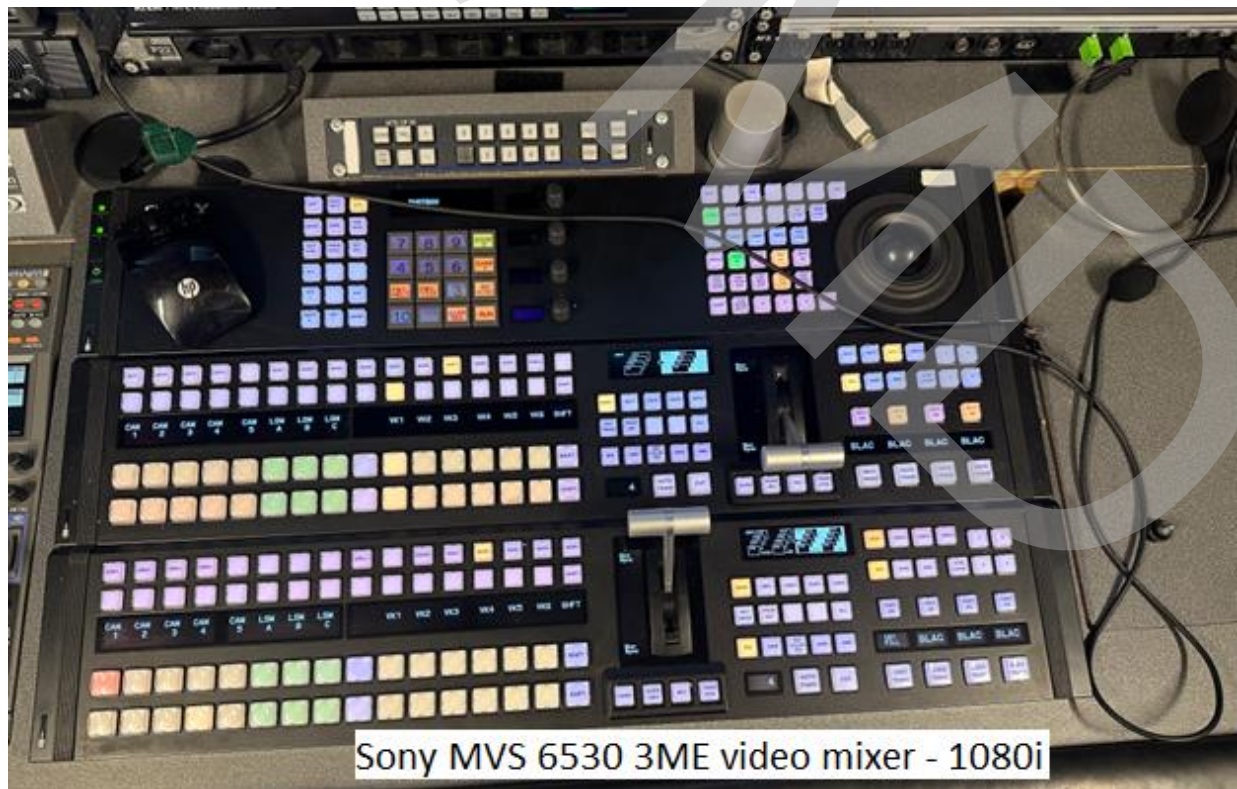




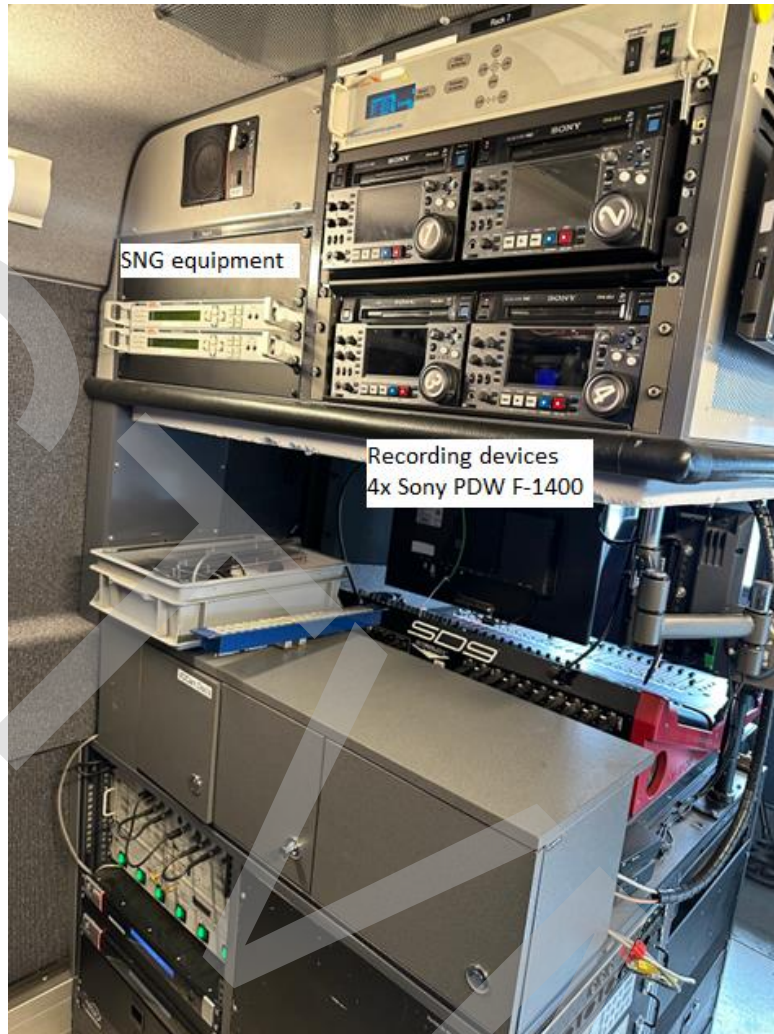












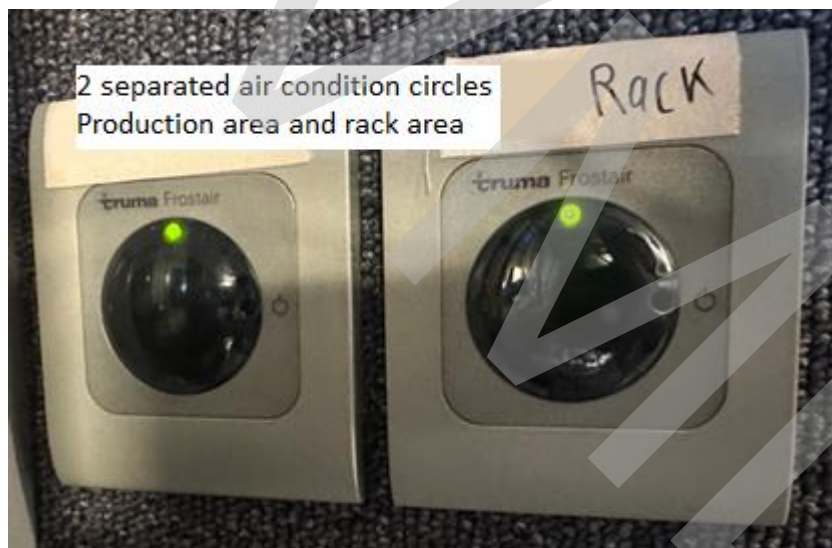




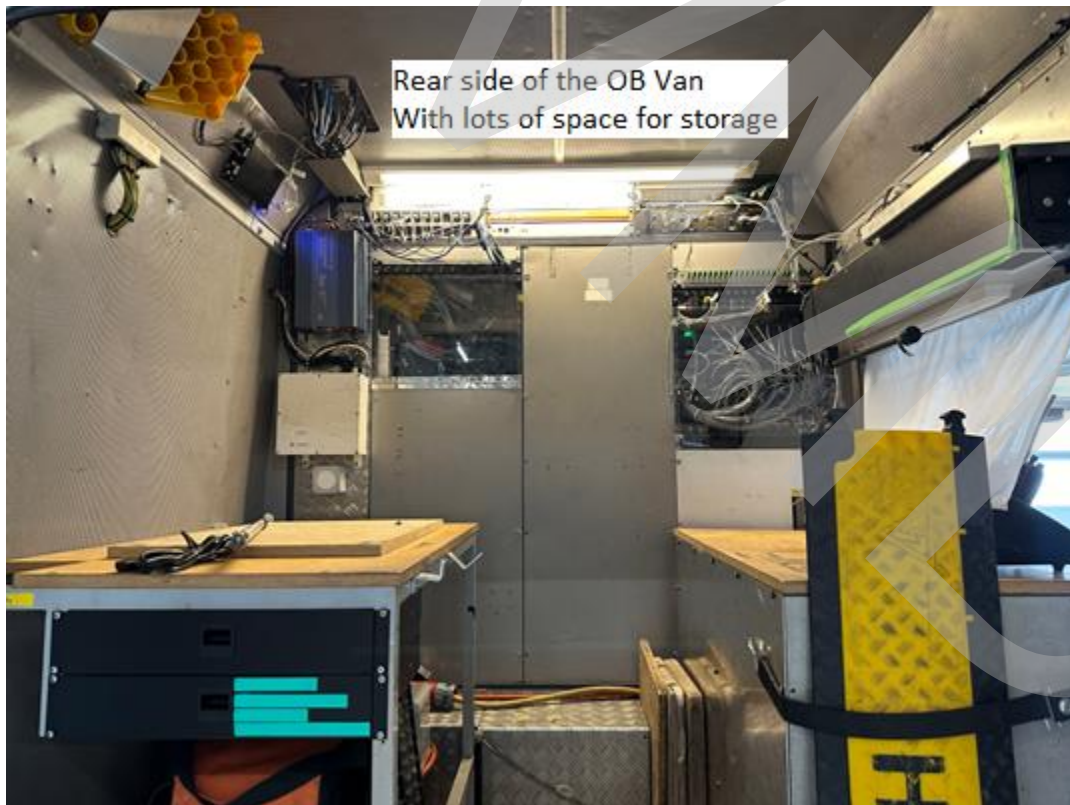
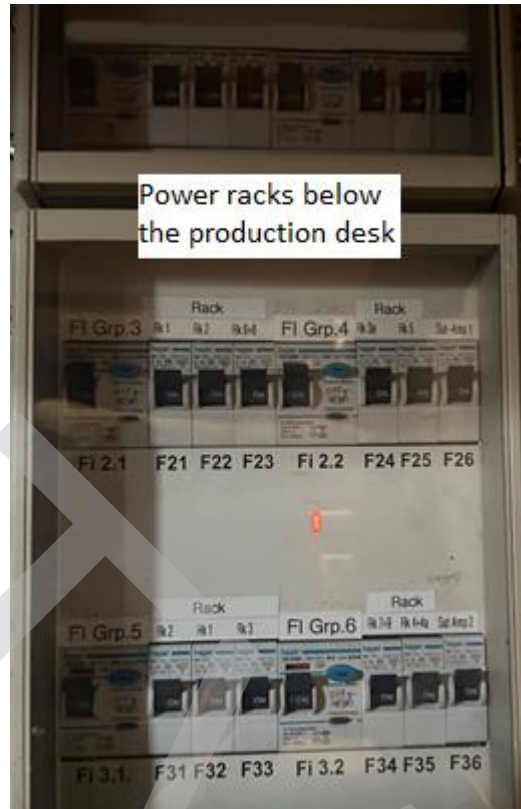
Power control interface

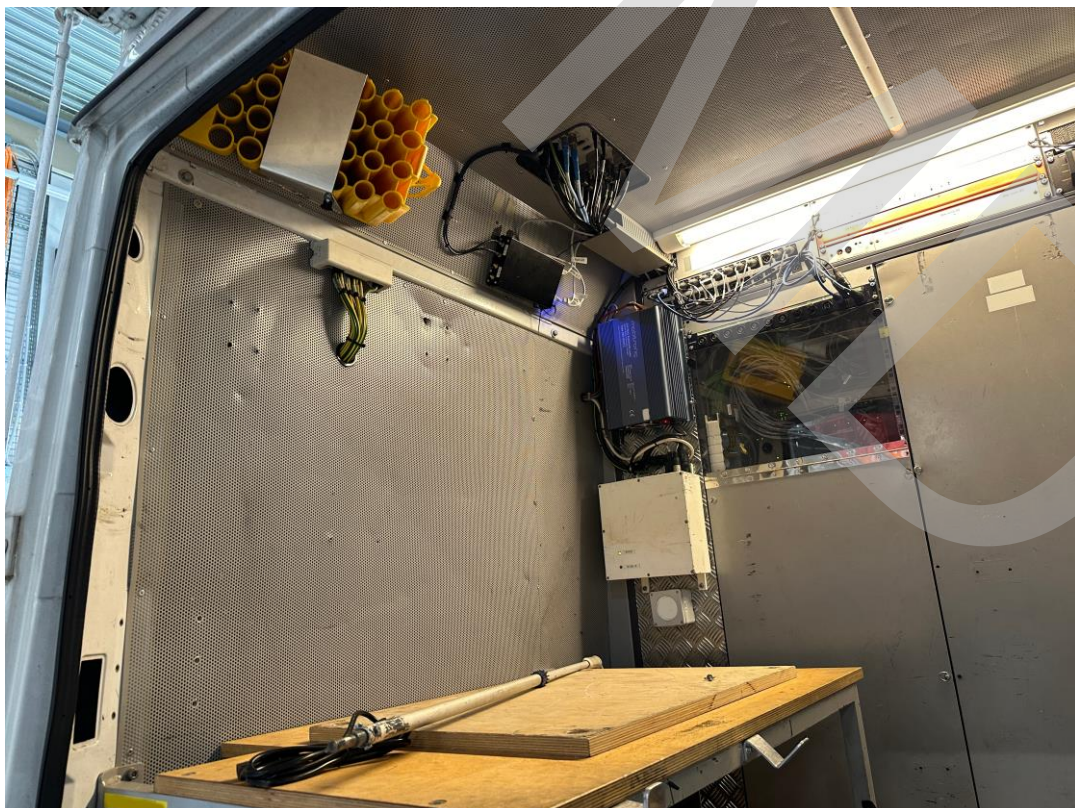


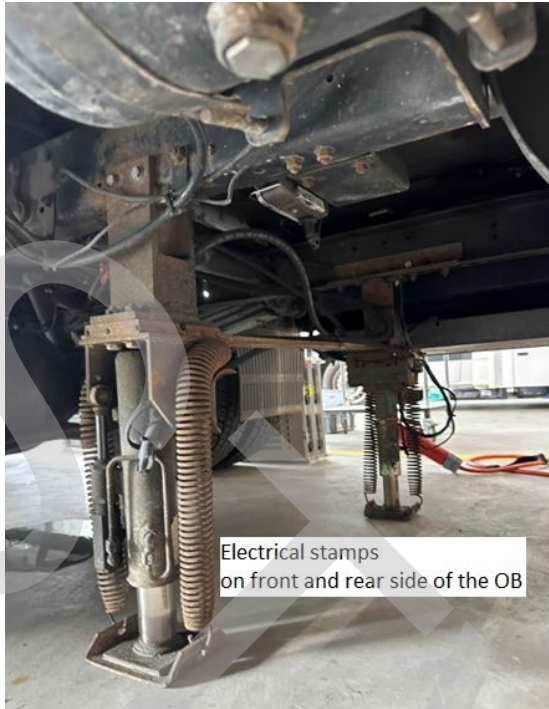
Truma air condition control



2 separated air condition circles  
Production area and rack area







SNG equipment:









For further information please contact:

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