

Layout - technical specifications:

10x Playout systems
Xenon dual core / 1GB
1TB storage RAID0
SD Format Support 625/25 PAL
SDI Compliance SMPTE 259M and ITU-R BT.601.
SDI Video Sampling 4:2:2 10 bit
SDI Color Precision 4:2:2 10 bit.
SDI Color Space 4:2:2 YUV.
SDI Metadata Support
VITC read for 3:2 pulldown removal.
VANC capture and playback using up to 3 lines of video in file.
SDI Audio Sampling Television standard sample rate of 48 kHz and 24 bit.
Maximum Video Bit Rate 50 Mbs
Embedded Audio Channels 8
Sync Input, Blackburst Input.

3x Capture stations
SDI 4:2:2 procesing
SDI Audio Sampling Television standard sample rate of 48 kHz and 24 bit.
Maximum Video Bit Rate 50 Mbs
TC support (VITC/LTC)
Direct from satellite capture /w TC

3x Storage systems
Cummulative 30TB
RAID 6
Data bandwidth 80MB / sec

Qnet client software V 2.01 c1
Fastest Dbase engine
No frame limitation
Unlimited number of files
Inport/export to all standard files
SMS real time support
Unlimited graphical layers

LIVE Graphics
3D graphics,
Real time data stream input for graphics
Subtitling BURNED-IN plugin

DVB Subtitler server
10 channels of separate DVB metadata
ASI out

6x Encoding/ Upconverting
Tandberg MPEG 2 SD encoder (+1 redundancy)
MPEG-2 AVC SD UltraCompression Encoder
SDI only video input
Best performance MPEG-2 AVC MP@L3 encoding at 2,5-25 Mbit/s video bitrate
Up to 6 x stereo audio encoding and optional multi-channel audio encoding
Options for audio encoding, PiP service generation, and Clarus™ pre-processing
2 built-in Gigabit Ethernet interfaces for traffic I/O
2 built-in Fast Ethernet interfaces and Serial port for management
ASI out

2 independent transport stream outputs
2 x BNC ASI output ports, software selectable
160 Mbit/s aggregate capacity
Tandberg IPLEX frame
Ethernet 155Mbs stream
Cooper to fiber converters
Cisco switcher L4 24/2
Video/Audio matrix 16x16 SDI/AES/EBU

Scopus MPEG2 encoder SDI in, ASI out
Scopus Upconverter
Scopus Statistical multiplexer 10 ASI in
Remaping
CA input, and control
Table (metadata) configuration

External monitoring for switch-over of every item

CA (Conditional access)
Possible Viaccess 2.0 from remote server
Scopus CODICript DVB-CI
PIN block – Reciver input RASS/BISS code to open the signal (best for Head ends)

LCD monitors
KVM switch for PC 24x8

2 x Uplink Antenas
Andrew 6,7m spherical antenna
Pilcol 4,5m redundant antenna
2x 40W Anacom super wide BUC
2 x 16W power BUC
Manual/ automatic redundancy switchover
2 x DSNG 1,8m antenas with 400W BUC

10 x downlink antenas
From 1 to 4m with fixed and motorised, elevation, altitude and polarisation

Optical - fiber net connections to all regional providers

Monitoring
32 video/audio inputs on MCR screens
Every input can be recorded for inspection
Automatic Error report
Audio PPM meter and alarm report
4 x 50in. HD (1950x1080) screens

2x LIVE Control rooms
Video switcher with 32 inputs SDI
8 AUX outputs
2 x DVE, ChromaKey, Luma Key
2 ME
Audio mixer 32 Channel / Digital
16 aux busses
Digital EFX

On-site playback and editing stations
For short inserts, graphics

Intercoms
Clearcom intercom matrix 16x16

10 x panels
Telephone hybrid lines (analog/ISDN, IP)

Chromakey Studio and editing:
Chromakey studio 15m²
Autocue – teleprompter
Broadcast SDI camera
VT editor / Harddisk recording
16 channel SDI video mixer
32 channel AES/EBU audio mixer
Lavaier mics
Mask and wardrobe

As production company active in every country of the region, we can also offer a variety of other equipment and crew, that can be used or rented, such as:

Almost 100 technical and production staff employed

OB vans (5 Digital OB vans)
SNG vans ... (2 Digital SNG vans)
ENG (12 Digital cameras/crew in diferent formats)

Accesories, microphones, lights
Different size studios with experienced studio team
(5 studios 80m² – 1200m², Ljubljana and Zagreb)

Converting technology (DVD, DV, DigiBeta, HD Cam,...)
SAT receivers (in all formats)

VTR pool
(for control and distribution purposes, Ljubljana and Zagreb)

