



SYSTEMS INTEGRATION

HD Studio



C2S MEDIA
CONCEPT 2 SOLUTION

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THE BRIEF

With an advanced equipment specification, the truck commissioned by North Star Equipment for Thai National Broadcaster MCOT was to be the first truck of its quality and size in Thailand. The brief detailed a six-camera OB truck with three operation areas separated by sliding doors, enough space for several operators, and air-conditioning to protect equipment from overheating in the tropical Thai climate.

C2S carried out the integration and coachwork, as well as supplying the truck itself, for local broadcast equipment supplier North Star Equipment, who were awarded the SI contract. The system was designed, built and pre-assembled in our workshop, ready for export, with final assembly completed on-site in Thailand.

“The C2S Systems team has the project management expertise and the ability to supply every element of the build to a very high standard rather than outsourcing. We needed this to ensure the highest quality truck was delivered to MCOT at the best possible price,” said Gia Radioas, International Relations Director at North Star Equipment.



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Six-Camera OB Truck / MCOT, Thailand

SPECIFICATION

KEY EQUIPMENT

- Four Panasonic AK-HC3500 HD cameras
- Snell 2ME 40-input Kahuna vision mixer
- Back-up For-A HVS-300HS vision mixer
- Custom emergency changeover
- Two Panasonic AJ-HPD2500 P2 machines
- One Sony MSW-M2000P DigiBeta machine
- Harris Inscrber graphics
- Snell Pyxis 722 AES audio and 362 HD video matrix
- Tektronix 7200 waveform monitoring with engineering analysis
- Snell video and audio processing, distribution, conversion, embedding and de-embedding with RollCall control
- SSL C10HD main audio mixer
- Yamaha DM1000 back-up audio mixer
- DK audio monitoring and loudness measurement
- TC Electronic FX and audio processing
- Telex/RTS 322 communications matrix

COACHWORK

- Mercedes Axor 1824LLnr chassis
- Height 3.8m Length 8.5m Width 2.5m
- Outer truck body: aluminium-skinned composite frame for acoustic and thermal protection
- Three operating areas, with six-seat production area
- Separate access doors for audio and engineering
- Electronically operated sliding doors between areas
- 63-Amp three-phase input with ISO transformer and AVRs
- Clean, safe power from rack-mounted central distribution unit
- LED interior lighting
- Tropical specification AC units
- Seven on-board automatic cable reels
- Motorised external awnings to shade main doors
- Hydraulic jacks with digital level indication and control

