



SYSTEM  
INTEGRATION

# Five-Camera HD 4x4 OB Vehicles



C2S MEDIA  
CONCEPT 2 SOLUTION

[www.c2s-media.com](http://www.c2s-media.com)

## THE BRIEF

As part of an upgrade to HD, state broadcaster Kuwait Television (KTV) commissioned WTS to design and build four multi-purpose HD production vehicles capable of providing faster turnarounds than its current 14-22 camera units.

The system integration needed to offer the flexibility to cater for HD productions across multiple regions, and retain compatibility with the existing OB fleet, all within a small vehicle footprint.

WTS' innovative build method of prefabricating furniture and wiring using 3D works models was key to meeting the project's stringent lead time.



## Five-Camera HD 4x4 OB Vehicles / Kuwait TV

### SPECIFICATION

#### KEY EQUIPMENT

- Ikegami HDK-55 Triax HD camera systems
- Ikegami HEM series OLED monitoring
- Ross Carbonite C2M vision mixer
- Yamaha DM1000 audio mixer
- Ross NK routing system (HD video, AES and analogue audio) with NK-Q control panels
- Ross openGear distribution
- EVS XTnano server
- Imagine Communications Inscribe G8 dual-channel graphics
- Auto-deploy satellite antennae customised to receive Middle East-targeted satellites

#### COACH BUILD

- Four Mercedes 5T Sprinter vans with 4x4 running gear
- 3D works models used to prefabricate interior furniture and complete all electrical systems, broadcast wiring, interior panels and equipment configuration prior to receipt of empty vehicles
- Custom three-phase power distribution with 30-minute 6kVA UPS
- Customised roof-mount air-conditioning units to enable higher ambient temperature operation of up to 52°C



[www.c2s-media.com](http://www.c2s-media.com)