



## ND SATCOM

### Customizing Vehicle for Satellite News Gathering (SNG)

ND SatCom has been a supplier to the SatCom industry for over three decades and has built up an excellent reputation for consistently developing high-end satellite communication products at competitive prices. A fleet of more than 150 ND SatCom-built SNG vehicles active worldwide – for customers spanning private and public broadcast enterprises – attest to their reliability and mobile relevance in the field. A custom-designed layout based on each client's requirements ensures ergonomic handling, optimal space usage and easy access to all components. Equally, an emphasis on high quality throughout ensures confidence for a long-term investment.

#### KEY FEATURES

- ND SatCom is accredited partner of Mercedes and Volkswagen and can modify also any other vehicle type
- Customizable interior and exterior
- Stepped roof for full interior clearance and low outside profile
- Wide variety of choices for autonomous operation
- Engine-operated generator system up to 7.5kW due to inverter; perfect for asymmetric loads
- Independent power generators up to 20kVA
- Contoured covers house auxiliary equipment and provide storage space
- SNG models range from basic to full production, the latter with substantial production facilities and capabilities

ND SATCOM



To serve as an SNG vehicle, a standard vehicle from the manufacturer is comprehensively altered and outfitted to fit each customer's needs. Standard and optional features are:

### ROOF MODIFICATION

- The vehicle body can be completely altered.
- C-rail antenna mounting is available as an economical alternative.
- Integration of a/c systems, fans, cable ducts, lighting and additional antennas for the wireless communication equipment is available.



Roof mounting

### FLOOR AND RACKS

- Heavy duty flooring with an optional floor heating system is available.
- A choice of power generating devices provides autonomous operation for several hours of transmissions and can be accompanied by a super-silent battery or UPS system.
- An isolation transformer and electrical safety devices secure the system and operators' safety if external power supply is used.
- Aluminum racks are used in order to save space and reduce weight of the interior framework.



Antistatic nonslip floor

### DESK

- A dedicated desk has inlets for integrating video and audio mixers or RCP's, which serve as the main interface for operators.
- Full-size or side racks with tabletop can be added to the main racks, thus providing ample storage space.
- Desk and racks can be fully customized.



Desk and and wall mounting

### REAR COMPARTMENT

- The rear compartment not only holds the connecting panels with the external power, video, audio and intercom connections but also offers storage space for cable drums, stage boxes, equipment and luggage. This space is fully customizable.
- With more than 150 different trucks a great selection can be shown.



Vehicle rear compartment



### INTERIOR MODIFICATION

- Well-designed rack mounting for equipment installation and easy access
- Tailored covers and rack extensions for optimal use of space
- Ergonomically arranged auxiliary controls and displays for a/c, lighting and remote controls
- Additional furniture such as tables, lockers or side racks in versatile colors, materials and surfaces
- Rotatable driver's and passenger's seats for flexible use of space
- Engine-independent air heating systems, floor heating
- Separate a/c for equipment and interior
- 12V and 230V lighting systems with meters and battery guard
- Cable drum and equipment compartment
- Isolation transformer for electrical safety conforming to German/European standards



Desk inlets



Measuring devices above side rack

### EXTERIOR MODIFICATION

- Roof and cabin strengthening and alterations
- Roof section for antenna mount lowered to maintain inside clearance and low overall profile
- Roof window for easy antenna observation from operator's desk
- Main antenna mount on rooftop or c-rail system
- Additional antenna systems based on customer needs, e.g., GSM, GPS, UHF/VHF, automated DVB-S antenna system.
- Two or four hydraulic jack system with auto levelling
- Working lights and antenna lighting
- Separate a/c for operator's area and equipment racks and cable ducts
- Vehicle engine driven generators as well as engine-independent generators available
- Rain and sun protection with awnings



Modified roof



Hydraulic jacks



## ND SatCom Solutions – Made in Germany

ND SatCom is known for its highly reliable satellite communication equipment and solutions. Customers worldwide have trusted our engineering team to implement more than 1000 transnational networks for Broadcast, Enterprise, Government and Military applications. We are the prime contact for integrated broadcasting systems and components and are Europe's leading provider of SNG vehicles.

ND SatCom is headquartered in Immenstaad, next to Friedrichshafen at a Lake Constance in the south of Germany and next to the Swiss border. With regional sales and support entities in Europe, Middle East and China, ND SatCom is capable of reliably servicing customers anywhere on the Globe. All our systems, components and solutions are engineered and manufactured to the highest German quality standards.



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