

SECURING A CONNECTION ANYWHERE



RAPID DEPLOYMENT SOLUTIONS
**MICRO RAPID DEPLOYMENT
VEHICLE (MRDV)**



البابطين لبلاك
AL-BABTAIN LeBLANC

RAPID DEPLOYMENT SOLUTIONS

MICRO RAPID DEPLOYMENT VEHICLE (MRDV)

Micro Rapid Deployment Vehicle (MRDV) is a fast-track product developed to assist customers for quick site deployment and easy redeployable.

It is a heavy 4x4 civilian vehicle designed to satisfy quick deployment needs in any terrain whether on road or off-road. Total height of tower is up to 30m. The solution is also available either as trailer platform or Mini Vehicles.

The system is designed according to International Standards and is following high quality & safety criteria's. In this solution, a heavy-duty 4x4 is modified to accommodate telecom equipment in a weather-isolated area, a telescopic monopole to elevate the antennas, and a VSAT on the top of the vehicle to connect to the main network.



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Application

- For microwave solid and grid antenna application.
- For GSM cellular radio.
- Fast deployment and disaster recovery.
- Temporary site.
- Site on wheels concept.

Construction Features

Features:

- All structure members conform to ASTM A 572 GR 50 ISO EN 2005 and JIS 3101 or equivalent standards.
- All welding conform to the requirements of the AWS D 1.1/ D 1.1 M: 2008 AS/ NZS 1554.1:2004 and standards.
- The structure is designed according to the latest American, Eurocode, Canadian, Australian or other applicable international standards for wind and ice loads specified for the particular site.
- All materials are hot-dipped galvanized after fabrication to ISO 1461, AS/ NZS 4680 or ASTM 123 standards.
- All structural bolts conform to ASTM standard A 325 and galvanized to ASTM standard A 153.
- 4x4 civilian vehicle.
- Maximum height: up to 12m.

Design Life:

- All equipment mobile solutions are designed for an in-service life of 5 years. This is achieved at temperatures - 30C to + 60C, humidity up to 100% and direct solar radiation. All shelter components are resistant to rain, sand, dust, industrial-saline air and water corrosion.



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