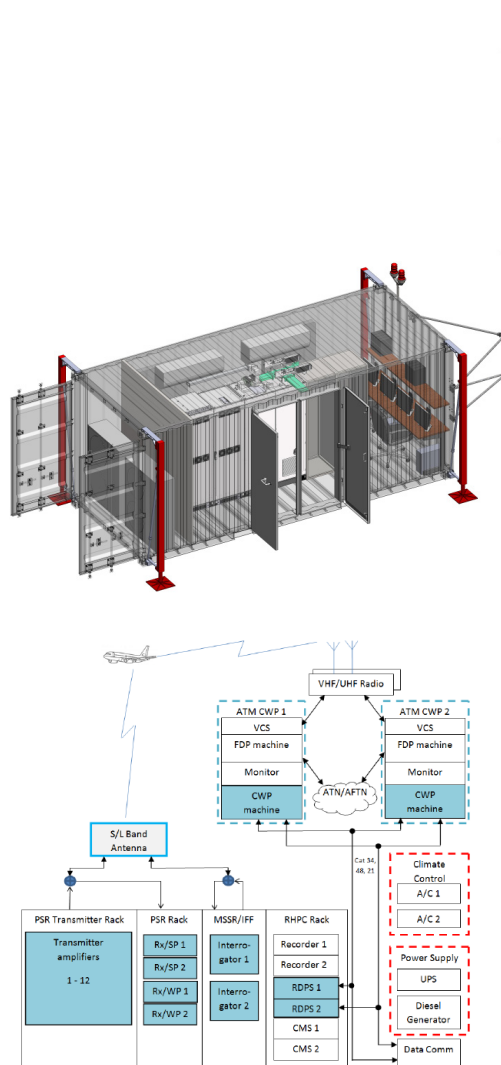


# Transportable Surveillance Systems

The family of transportable surveillance systems is a further development of the NRPL Unified Comprehensive Surveillance, the concept which is intended to provide the most flexible and cost-effective surveillance solutions for the ATC market.

Transportable surveillance systems are mainly dedicated for the following use cases:

- A gap filler for the case of conventional surveillance unavailability due to emergency or an incident such as earthquake, flood, storm, fire, military hostile actions, etc.
- A temporary back-up solution for conventional surveillance systems in case of temporary need to increase reliability and redundancy of radar coverage. This kind of situation can occur when a major international event is held or when adjacent airfield or airspace is temporarily closed leading to air traffic intensity increase
- A temporary solution for new airfields when new infrastructure is not yet available
- Reduction of infrastructure building and planning costs
- When land purchase for permanent radar site construction is not economically viable
- A temporary surveillance solution for non-permanent airfields, e.g. airports used during high seasons only or military bases



## Transportable Surveillance Systems

This class of systems can be easily transported by road, sea or air and rapidly deployed at any location. The system does not require permanent power supply or communication lines and can even include air traffic controller working position equipment to serve as an air traffic control center. The system can be flexibly configured for the end-user needs using number of field-proven subsystems:

- 2.5 m LVA MSSR antenna
- Combined L/S-band MSSR/PSR antenna
- PSR Morava 10
- Mode-S MSSR M10S or IFF
- ADS-B M10AL sensor or MLAT network
- ATC controller working positions
- Voice communications
- Data link
- Power supply system and various non-radar equipment

