

Vehicle Fleet & Fixed Installations

After investing in a mobile communications technology solution to deliver operational, safety and business benefits to an enterprise, the final step is to ensure the equipment is installed correctly. Equipment should be installed professionally and in full compliance with manufacturer specifications. This ensures that the system operates at its optimum, does not compromise user safety or falls foul of regulatory agencies and continues to deliver the return on investment for entire life cycle of the project.

Whether the equipment is a single Automatic Vehicle Location telemetry unit into courier van, or a complex mix of multiple two-way radios into a fire fighting vehicle with remote reporting and control, the principles of planning and executing remain the same.

AA Radio has successfully delivered some of the largest fleet installations in Australia into vehicle and fixed assets for customers such as Country Fire Authority, D.E.L.W.P (D.E.P.I.), Port of Melbourne Corporation and Hancock Plantations plus many other Industrial and Government customers. These total tens of thousands of units and due to the critical nature that communications plays in their operations, demand the highest levels of quality and reliability while minimizing vehicle "down time" during the installation program.

PLANNING

- What equipment is to be installed into the cabin vs other parts of the vehicle, building or plant?
- What are the access issues to vehicle or site including inductions, security and E\OH&S compliance?
- In fixed installations what are the restrictions regarding wall and roof penetration?
- Are there requirements for crane and EWP, antenna rigging?
- Is there integration into other vehicle systems such as warning lights, sirens, PA and so forth?



- What documentation is required in the way of installation manuals, schematics, BOM or "as built" diagrams?
- What processes will be used to minimize vehicle down time or impact to staff operations. Can there be pre-fabrication of items or sub-assemblies prior to arriving on site?

SCHEDULING

- What is the most efficient schedule that can be created?
- What are the restrictions for weather/seasonal or vehicle/plant/personnel availability?
- How will vehicle or site re-scheduling be handled?
- How will the users be trained after the new equipment has been installed?

QUALITY ASSURANCE

- What is the regime of pre and post QA testing; are test sheets required?
- What data is required to be recorded for asset tracking?
- What will be the project management structure
- What are the reporting requirements?

Attention to these details with professional management and execution are the keys to a successful fleet roll out.