

## 1+1 Teleport for a premier Television station, Australia Continent

### Installation of new satellite uplink featuring MPEG-4 with Conditional Access

#### Customer Situation

- The Television Company was in the process of upgrading their existing broadcast for higher quality & performance.
- Had earlier satellite uplink Infrastructure at a remote location.
- They wanted to accommodate more number of subscribers using CA.

#### Challenges

- They had a need to bring the uplink and video head end at a same site i.e. at their main office.
- Lower operability costs by utilizing less satellite bandwidth; using latest advanced compression technologies.
- Migrate the existing conditional access to more advanced & future proof CAS system.
- Coordinate across 10 OEMs and logistics management.
- Maintain optimal costs to meet the budget constraints.

#### Actions Taken

- Commedia performed an exhaustive study of the network infrastructure, uplink chain, and existing capacities.
- Recommended and successfully installed new compression & RF system viz. new generation of Encoders, Multiplexers of Thomson Video Networks, Thor optical fibre, CODAN outdoor BUCs, and Prodelin antenna for IS-19 satellite uplink.

#### Results and Benefits

- Achieved premium video quality and highest performance.
- Successful implementation of the solution with better bandwidth utilization and scaled up features.
- Large number of remote STBs and users can be accommodated using the new CAS system.
- A simple and flexible network design and implementation.
- Access to ComMedia's Video head-end & RF expertise.



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