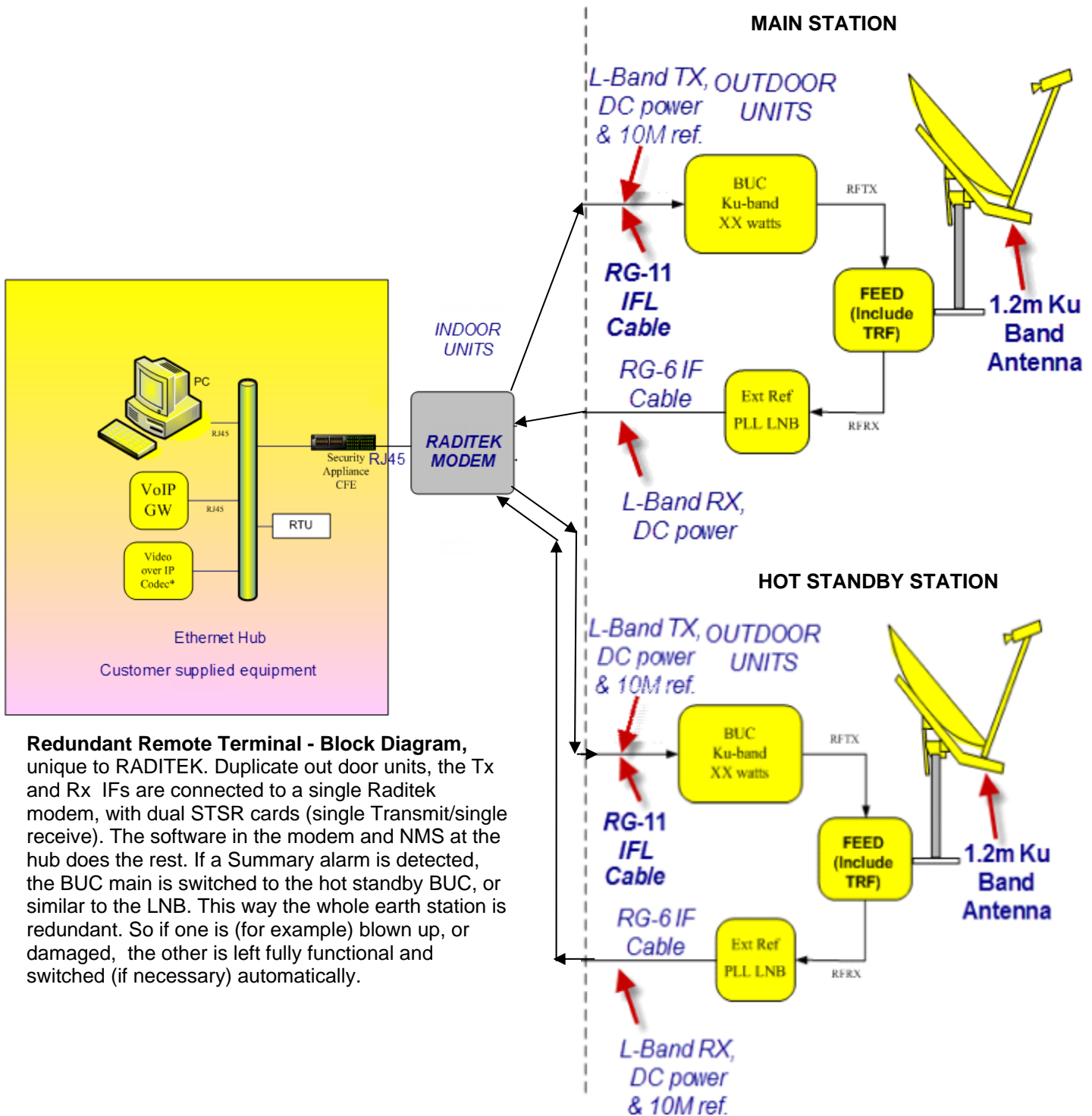


## RISNS Intelligent Satellite Network Solution Redundant Remote Terminal - Block Diagram



**Redundant Remote Terminal - Block Diagram,** unique to RADITEK. Duplicate out door units, the Tx and Rx IFs are connected to a single Raditek modem, with dual STSR cards (single Transmit/single receive). The software in the modem and NMS at the hub does the rest. If a Summary alarm is detected, the BUC main is switched to the hot standby BUC, or similar to the LNB. This way the whole earth station is redundant. So if one is (for example) blown up, or damaged, the other is left fully functional and switched (if necessary) automatically.