

8 Installation Services.

Alcatel offers special installation services. These are:

- ▶ RIM Extended Delivery Service (REDS).
Under this program, Alcatel installs and equips Remote Housings. REDS includes construction of plinths and installation of conduits, installation of housings, connection of AC power supply, and installation of panels and units.
- ▶ MITS Data Entry.
Telstra records RIM data in the Inventory Tracking Service (MITS) system. To assist in collection of data about newly installed RIMS, Alcatel collects data on panels, units and other components prior to shipment. This data is forwarded electronically to Telstra and used to update the MITS database.

8.1 RIM Extended Delivery Service

RIM Extended Delivery Service (REDS) is a comprehensive service offered by Alcatel for installation and equipping of Remote Housings. REDS does not cover installation of EU or indoor RU.

REDS includes the following actions:

- ▶ Building and customisation of the RIM housing, including installation of panels and units.
- ▶ Installation of the plinth and conduits.
- ▶ Shipping the housing from Alcatel's works direct to the site.
- ▶ Installation of the housing on the plinth.
- ▶ Connection of the AC power supply.
- ▶ Preliminary testing.

After accepting handover from Alcatel, Telstra cables the housing and commissions the RIM.

8.1.1 Ordering REDS

Telstra electronically orders a REDS installation from Alcatel, and provides the following information:

- ▶ Site survey, including:
 - Site plan showing the location of the proposed housing.
 - Details of cables, pipes and other underground items owned by Telstra or by other utilities or entities.
- ▶ Approvals from the local council or planning authority.
- ▶ Approvals from the electricity supplier.

8.1.2 REDS Installation

After receiving the order and documentation from Telstra, Alcatel carries out the following steps:

- ▶ Verifies the Telstra documentation, and seeks clarification of any discrepancies.
- ▶ Excavates for the plinth.
- ▶ Excavates for conduits for electrical and telephone cables.

- ▶ Installs the conduits.
- ▶ Installs the earthing electrodes and conductors.
- ▶ Pours the plinth.
- ▶ Delivers the housing to site.
- ▶ Installs the housing on the plinth.
- ▶ Installs the AC supply cabling and commission the incoming AC supply.
- ▶ Reinstates the site after installation.
- ▶ Marks up Telstra site plans.
- ▶ Powers up the housing and carries out preliminary testing.
- ▶ Hands over the Remote Unit to Telstra for cabling and commissioning.

8.2 MITS Data Transfer

The details of RIM equipment is recorded in Telstra's MITS database. To minimise the need for manual data capture, Alcatel captures information about the equipment for a new RIM before it is delivered, and electronically transfers this information to Telstra for entry to the MITS database.

The data provided for each item in a RIM is:

- ▶ Barcode.
- ▶ Date of manufacture.
- ▶ Serial number.
- ▶ Comments (typically the name for the type of panel or unit).
- ▶ Type number. This is the part number for Panels and Units as shown in the RIM or C-RIM technical handbook, and is shown on the label on the physical item.
- ▶ Manufacturer name.
- ▶ Status.
- ▶ Network element name (typically empty in our printouts).
- ▶ Parent barcode.
- ▶ Slot position.
- ▶ Revision information.
- ▶ Configuration information.

After capture of the data, separate reports are printed for the EU and RU:

- ▶ The report for the EU or for an indoor RU is packed in the first carton containing the panels and units.
- ▶ The report for a RU in a Remote Housing is packed in the housing.

The data for all systems shipped each day is extracted from the Alcatel database and emailed to Telstra. The data is extracted from the email message and used as input to the MITS database.