

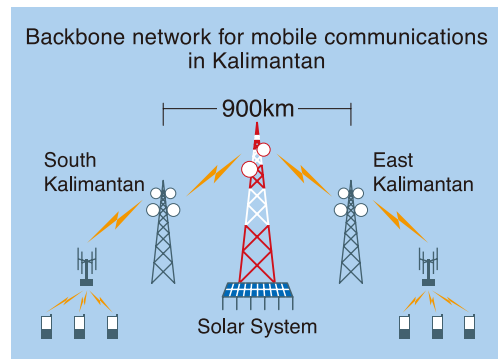
# Mitsubishi Electric Quality

Totally remote. Fully powered.

By powering remote relay stations, Mitsubishi Electric solar systems help to bring mobile telecommunications to isolated Indonesian villages.

#### Solar power generates electricity for long distance mobile communications.

Deep in the jungle, far from civilization, on Indonesia's Kalimantan island, there's a telecommunications relay station powered by Mitsubishi Electric solar panels. Using the electricity generated by 80 solar panels, the station relays signals between South and East Kalimantan — a distance of 900 kilometers — for one of Indonesia's largest telecommunications providers. Each panel can generate 160 watts of electricity and the entire system generates 12,800 watts.



#### Natural solar power reduces pollution and eliminates fuel transport costs.

A remote, hard-to-reach location made solar power the ideal energy solution for the Kalimantan base station. Previously, the base station had been powered by a diesel generator, which required transporting the fuel through the jungle on trails that could only be accessed by four-wheel-drive vehicles. The solar system eliminated the need to transport fuel and greatly reduced maintenance costs. With some of the world's most advanced and efficient photovoltaic technology, including earth-friendly modules using lead-free solder, Mitsubishi Electric's solar technology is reaching new heights.



Solar power plant in Austria

Advanced communications technology powered by natural energy.