

*Tribal Networks is a group of people
who are helping tribal people
around the world
to own their own means of
high-tech communications.*



Tribal Networks





Tribal Networks

People without communications are isolated, unable to ask for help or help themselves. Looking after their own interests, their environment as well as exercising any economic and social activity beyond walking distance requires modern communications. Many such regions won't see the development of infrastructure for this in the foreseeable future. They can't wait for development to deliver – they need the solution today.

The Need





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We intend to give tribal people the means of communicating independently to empower them to safeguard their rights and existence. We will provide equipment, training and maintenance in communications for free to the people and with no conditions attached. The projects are to become self-financing and have minimum impact on their traditional way of life.

Our Mission





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Wireless technology:

- *Wi-Fi/WLAN: 802.11a/b/g with high gain parabolic antennas*
- *Trunking network composed of intelligent routers with multiple interfaces*
- *Embedded low-power hardware and open source software*

Capabilities:

- *Reliable, high-bandwidth, self-healing network*
- *Email, WWW, VoIP, video conferencing*
- *Independent of terminal hardware and OS*
- *Transparent to end users*

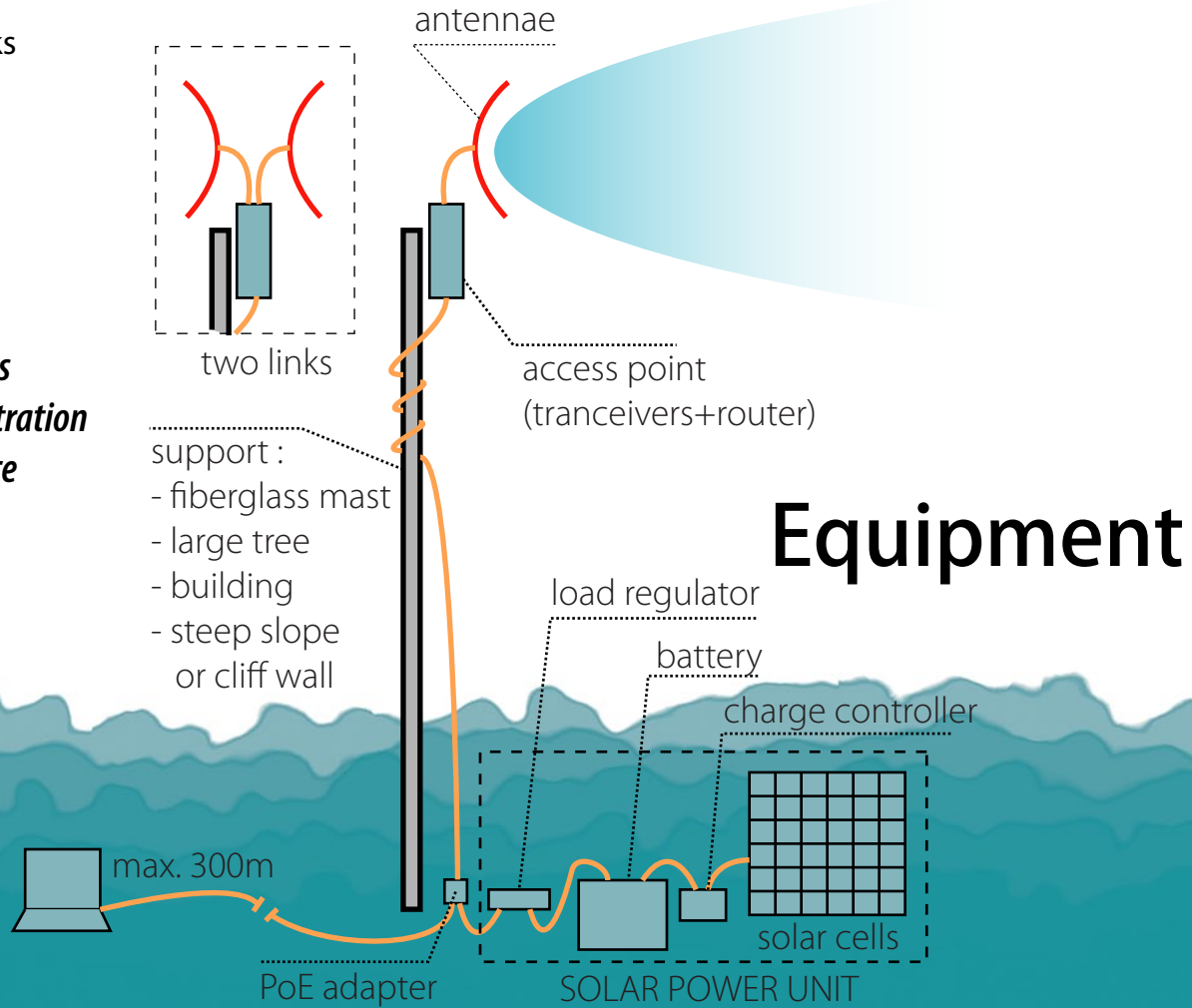
Technology





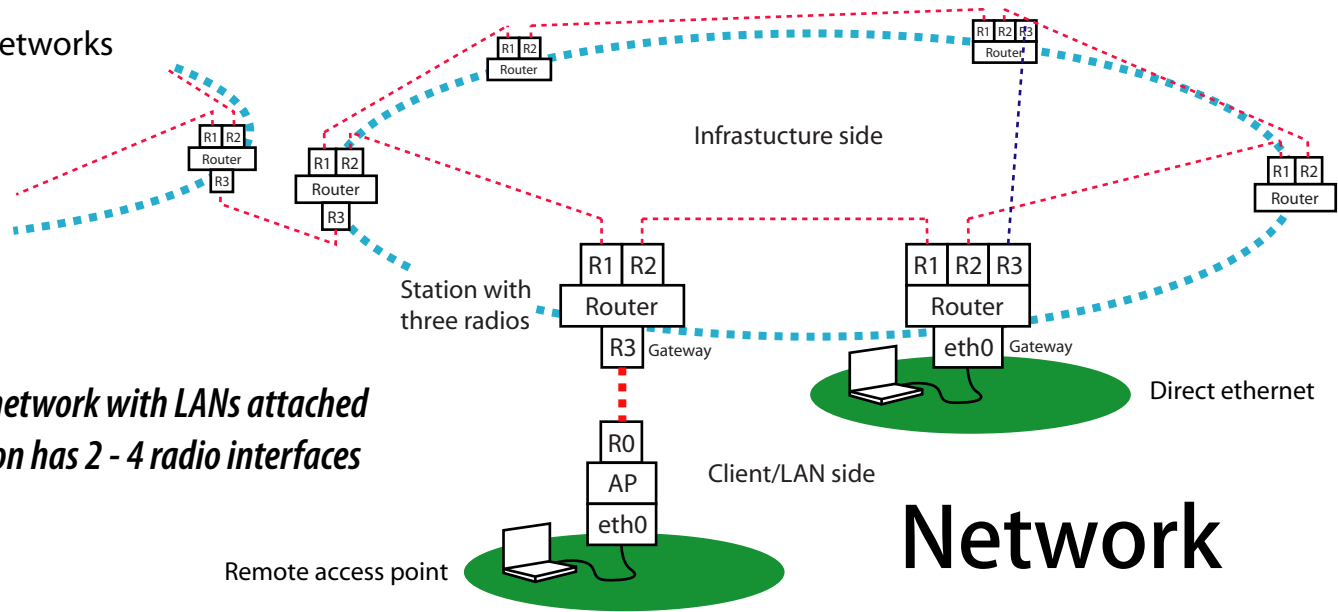
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- **Fixed masts**
- **COTS components**
- **Remote administration**
- **Zero maintenance**





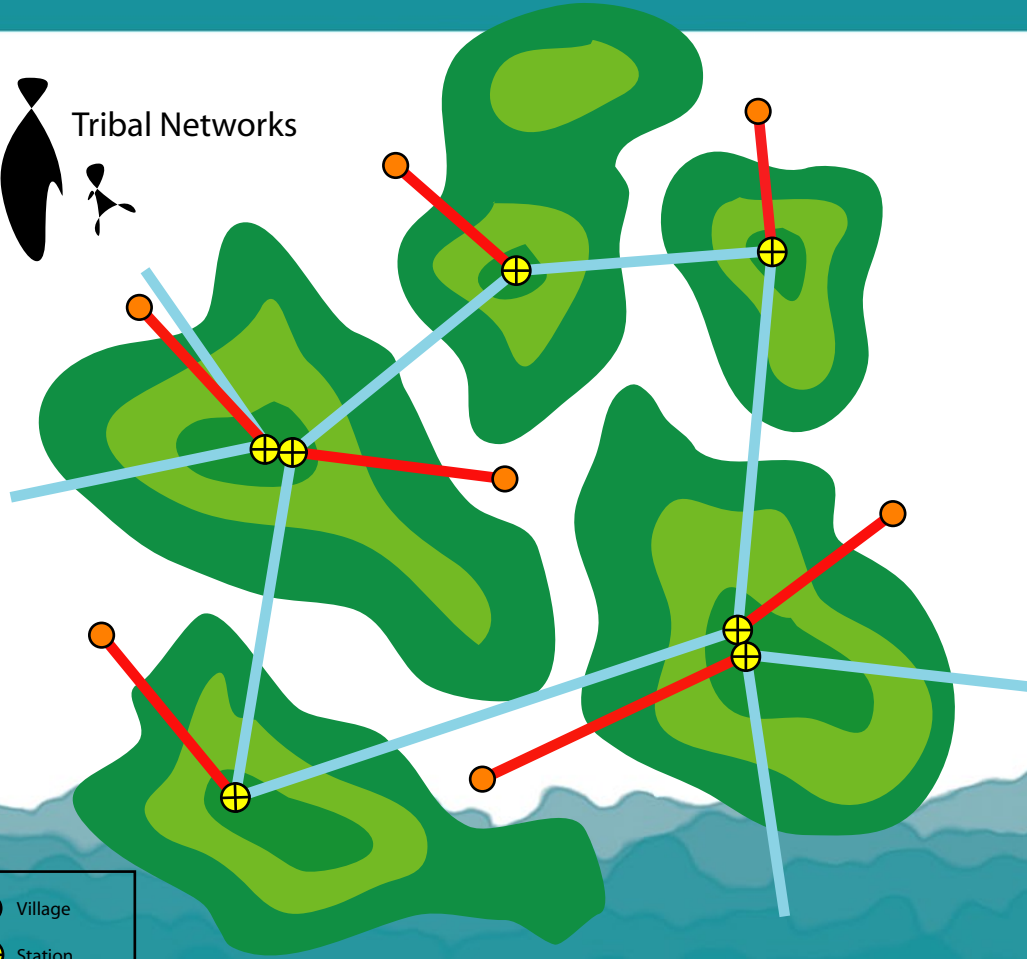
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- *Trunking network with LANs attached*
- *Each station has 2 - 4 radio interfaces*



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- *One station can serve as a hub for multiple clients and trunks*
- *Works well in mountainous terrain*
- *Link spans of over 50km possible (limited only by line-of-sight)*

Coverage

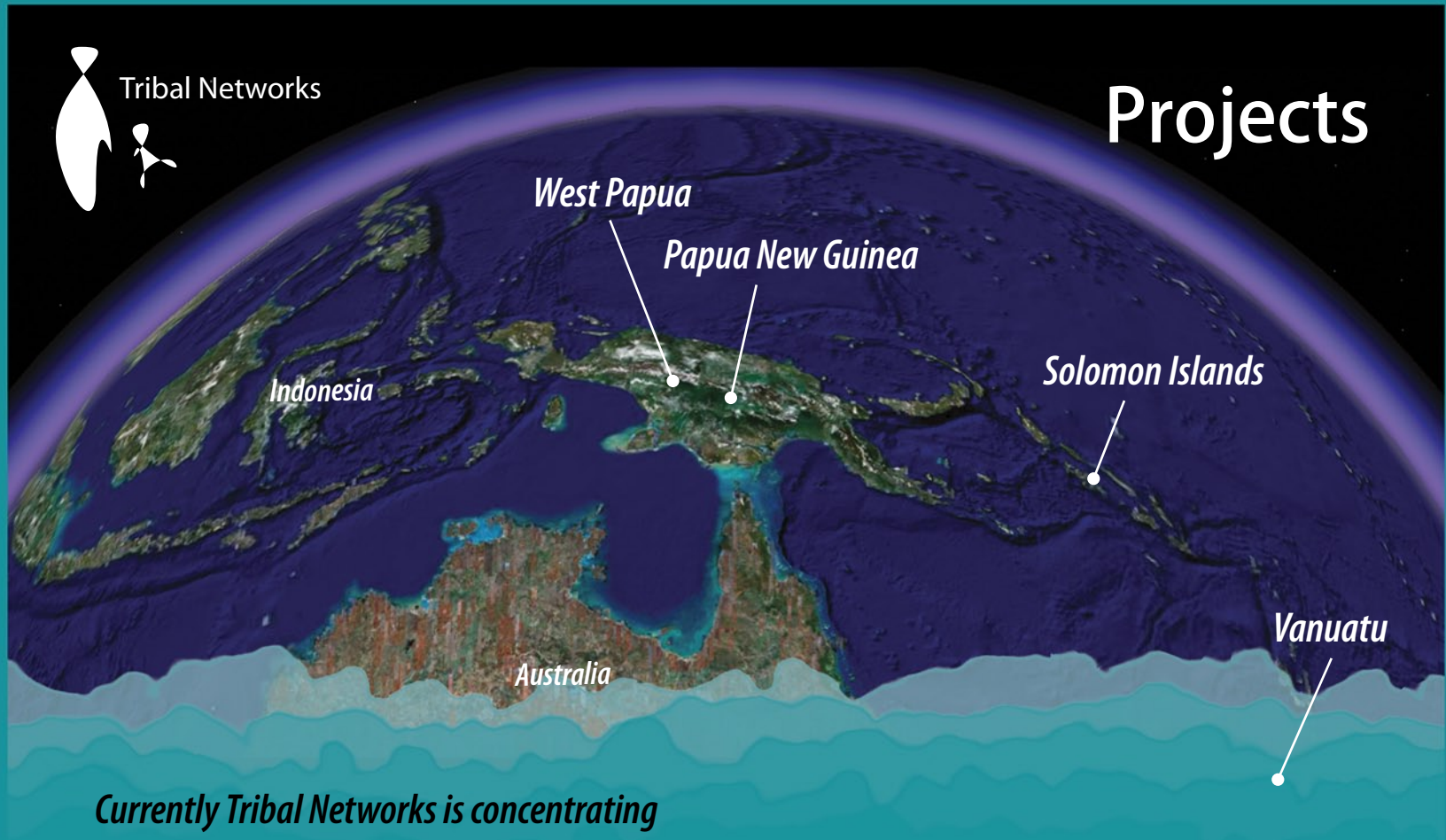
| | |
|---|-------------|
|  | Village |
|  | Station |
|  | Backbone |
|  | Client span |





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Projects



Currently Tribal Networks is concentrating on the Melanesian region of the Pacific where we have several potential projects.

*Other proposed projects:
- India, Nigeria, Cameroon, Kenya*



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Tribal Networks can help with:



Capabilities



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Contact us

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