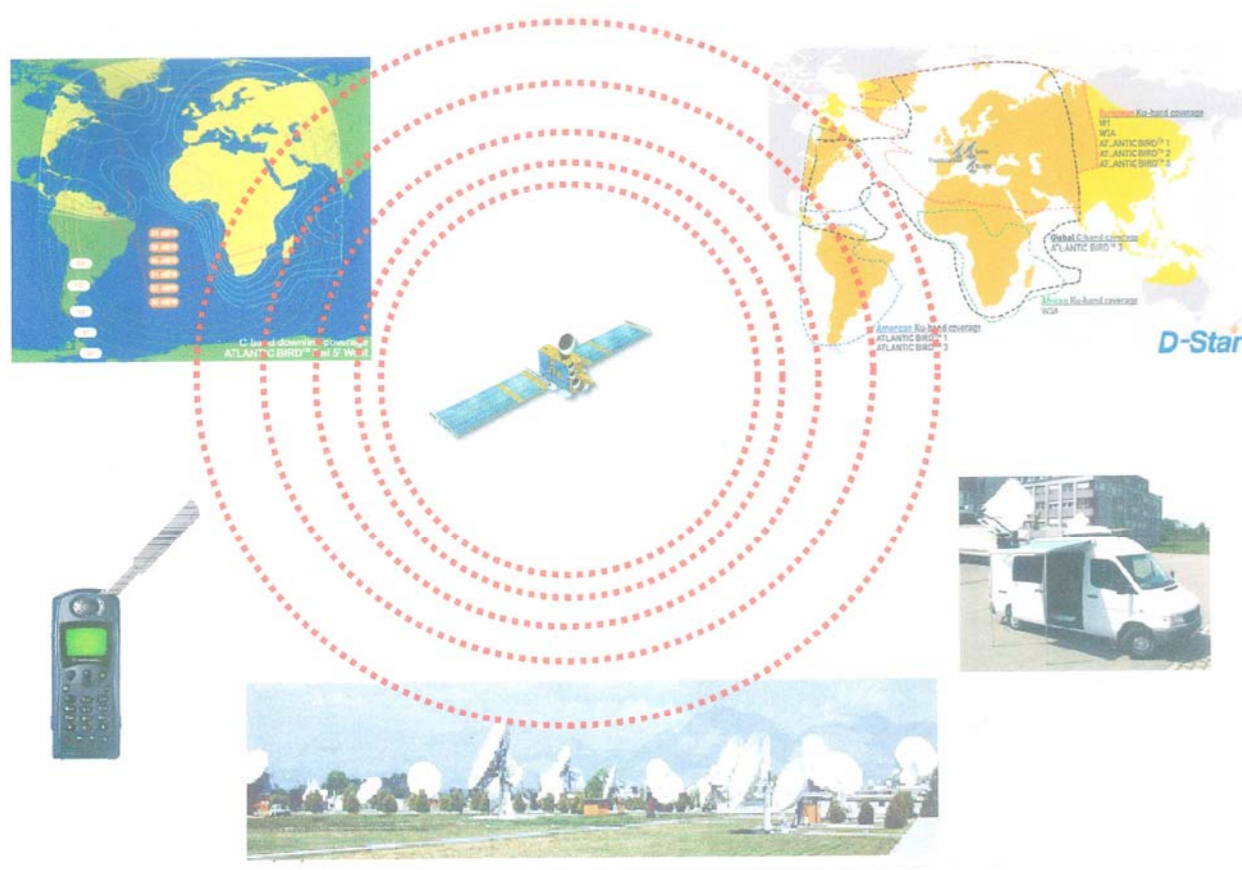




# Infopoverity Community of Expertise e-services for development

## SATELLITE PLATFORM

International Aid Organisations and NGO's operate in the world's most difficult environments where often no terrestrial facilities are available. As they are depending on reliable and affordable communications, Aid organisations and NGO's use a wide range of satellite solutions, including mobile satellite systems and fixed VSAT type of satellite systems. These satellite solutions are purchased both centrally as well as locally. The effect is that a lot of organisations end up with a patchwork of different



satellite solutions for each location. This patchwork of telecom facilities is not only hard to manage, but it is also not cost effective.

The good news however is the emergence of global DVB-RCS networks in the recent years. These networks, like the Skylogic D-star network with it's large geographical coverage, provide the perfect answer to the requirements of Aid Organisations and NGO's for reliable and cost effective communication.

### The Nethope network

Since more then two years Skylogic is providing a dedicated network to Nethope, the World's largest humanitarian aid consortium, providing their remote locations with reliable and cost effective satellite communications.

NGOs that are served in the Nethope network are: Action Aid, The Nature Conservancy, Care Save the Children, Plan, CRS, Oxfam Relief International, World Vision, Christian Children's Fund, Mercy Corps, Children International. The Nethope network includes sites in Europe, Africa, Asia and South America all served from one central D-star facility in Turin, Italy.



### NGOnet Service Area

#### NGOnet

NGOnet is modelled on the basis of the experiences with Nethope, and provides a complete solution for NGO's. The solution offers the following advantages:

1. NGOnet works with relatively cheap and simple satellite systems, that are easy to install and maintain. Skylogic will provide dedicated training for NGO staff for do-it-yourself installation.
2. NGOnet provides very cost effective internet access, ftp and e-mail services, as well as voip services.
3. NGOnet services are available in most developing countries across the globe.
4. NGOnet services are provided by Skylogic and its extensive network of Services Providers and installers, and can be purchased via one single party.

#### NGOnet Services

Two types of basic Internet/ IP services are available:

#### 1. Shared services

In Africa we have our Sahara (512/128 kbps), Savannah (768/192 kbps) and Kilimanjaro (1024/256 kbps) subscriptions. Outside of Africa we have our Coliseum (1024/512 kbps) and Premium (2048/1024 kbps) subscriptions.

#### 2. Dedicated services with committed information rate

Dedicated services can be configured by the customer with a committed information rate from 64 kbps - 1024 kbps in the return channel and between 64 kbps - 8192 kbps in the forward channel.

#### Skylogic NGOnet

NGOnet will start providing shared IP-Access services and later will switch to dedicated IP-Connect services that are typically used to provide bandwidth to a network or closed user group of services. Service bandwidth per terminal both in the return and forward channel is fully flexible can be determined by the customer. In this stage NGOnet will tailor the services to the needs of the Aid or NGO organisation.

#### NGOnet Terminal Equipment

	<b>Outdoor Unit (ODU)</b> Antenna (96/120/180/240 cm) Transmitter (1/2/4 Watt) Low Noise Block Down-converter
	<b>Indoor Unit (IDU):</b> DVB Receiver, Burst MF-TDMA Modulator TCP Acceleration Module Terrestrial 10/100 Base-T Interface

Installation of the terminals can be done by technical staff of the NGO after dedicated training and under supervision of certified installers.