

emergency.lu

RAPID DEPLOYMENT KIT

HEAVILY RUGGED SATELLITE COMMUNICATION SYSTEM FOR
BROADBAND COMMUNICATION OVER SATELLITE AND LOCAL
AREA NETWORKS

KEY FEATURES

Lightweight, easily transportable
system (commercial airline
check-in possible)

Pre-configured “out of the box”
network and access control

Worldwide pre-booked dedicated
satellite capacity

Robust & can be deployed rapidly

Waterproof for difficult
environmental conditions

Optimised to resist shocks and
vibrations

Security concepts to protect
sensitive data and service
resilience

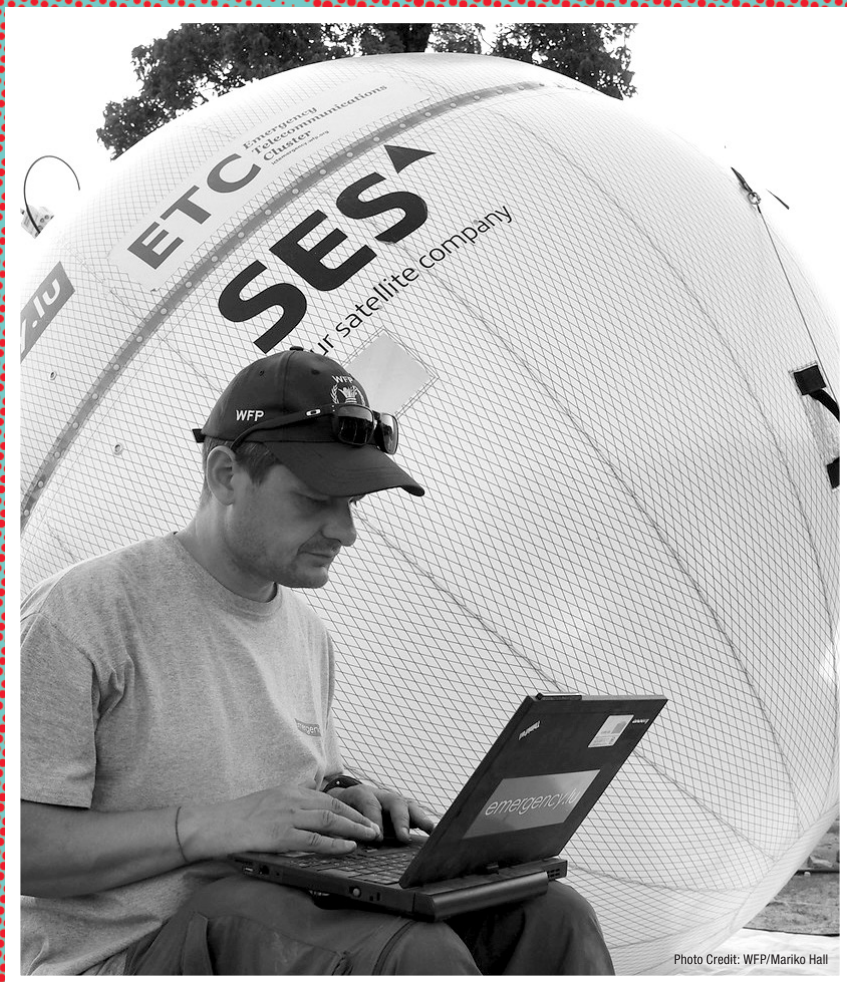


Photo Credit: WFP/Mariko Hall



Photo Credit: HITEC

The emergency.lu Rapid deployment system is the ideal solution for rapid response usage on remote sites where immediate broadband internet access is required.

The satellite terminal has been developed for outdoor usage to allow fast and user-friendly installation in adverse conditions. The components have been selected and arranged to survive commercial transport without damage.

The system offers high performance two-way communications providing up to 8 Mbps bandwidth (based on beam setup) for data, video and voice transmission.

The kit can be deployed in less than 30 minutes by trained personnel.

The terminal is integrated with a community-based, field-proven mission critical information system and a Voice over IP telephone PBX.



Photo Credit: WFP/Mariko Hall

PACKING

- 7 cases
- Total weight: 157 Kg
- Total volume: <1 m³

ENVIRONMENTAL

- Wind (operational): 65 km/h
- Wind (survival): 95 km/h
- Temperature: -20 - +60°C
- Humidity: 20 - 100 % (condensing)
- Sealing class: IP44

ELECTRICAL

- Power supply
100 - 240 VAC~ 50 - 60 Hz (max 10A)
- Power consumption: max 750 W
- Power consumption nominal: 400 W

ANTENNA FRONT END

- Frequency band: C-band
- Reflector aperture: 2.4 m
- Fixation: Anchor spikes / Weights
- Receive frequency (Rx):
3.625 - 4.200 GHz
- Transmit frequency (Tx):
5.850 - 6.425 GHz
- EIRP: 56 dBW with 40 W BUC @midband
- Pointing: Manual point and align

MONITORING & CONTROL

- Embedded monitoring & control for BUC
- Monitoring of satellite modem via web interface
- Full compatibility with Pulse™ Core
- Real-time monitoring
- User-friendly, graphical user interface
- Sunlight readable LCD display
- Embedded temperature and humidity sensors
- Quality of Service (QoS) monitoring
- Tunneling to interconnect with remote branches

END DEVICES & ACCESSORIES

- 6 x WiFi VoIP phones SpectraLink® 8440
- 2 x Analogue telephone adapter (ATA)
- 1 x Toolbox
- 1 x GPS antenna
- 1 x Outdoor Access Point

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