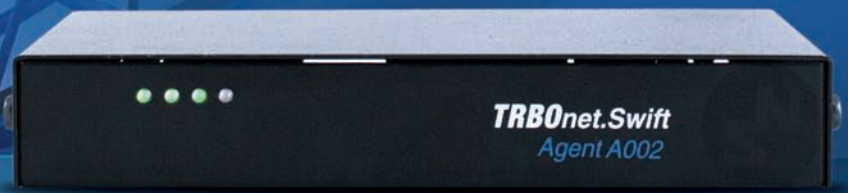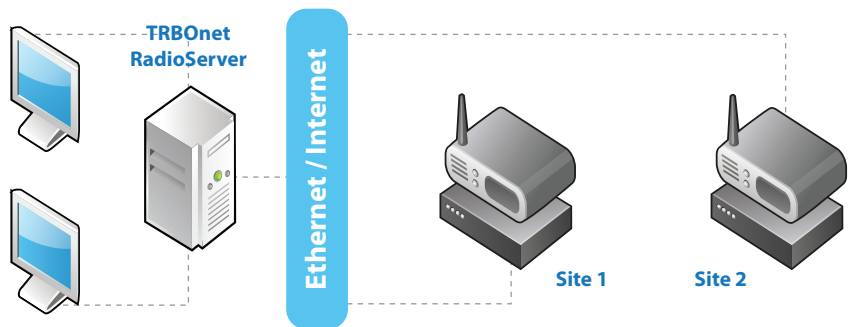# TRBOnet Swift Agent

Hardware gateway between radio and IP networks

**TRBOnet Swift Agent** *is a powerful hardware gateway implementing IP connection between a radio network and TRBOnet Radio Server to provide remote site control, voice and data transfer possibilities*

## Key benefits

- Remote control over IP with no need for direct USB connection
- Improves stability and reliability of control station operations
- Unattended radio network gateway with remote self-monitoring
- Compatible with analog and digital radios

## Key features

### Remote management and control

Provides remote management and operations for the control station with no direct USB connection. Supports voice and location data transfer between radio site subscribers and the TRBOnet software.  Accelerates  control station operations by eliminating extra voice encodings. Keeps the control station available for voice communications through the accessory microphone.

### Stability  and unattended operation

Implements an ability to perform power on/off and restart operations remotely.  Increases reliability of control station operations by avoiding Operating System imperfections and using only industry standard interfaces. No need for software updates or any configuration changes during operation.

Provides enhanced stability for electromagnetic radiation and mechanical effect.

### Self-monitoring and diagnostic information

Provides temperature control information to keep the recommended temperature level. Sends alerts on power loss and switching to the backup battery supply if any.

*IP controller TRBOnet Swift Agent A002.M1 back panel.*

## TRBOnet Swift Agent A002.M1 connectors functionality

| | |
|---|---|
| ⏚ | *Grounding* |
| ANT | *Antenna's connector* |
| LAN | *LAN connector (IP network)* |
| CTRL1 | *Digital input 1* |
| 1 FAN 2 | *Fans connectors* |
| CTRL2 | *Digital input 2* |
| 12V | *Power supply connector* |

## Technical specification

+ Ethernet RJ-45, 10/100 Base-T, 100Mbit/sec

+ Ultra low power 2.4 RF communications between option board ST001 and Swift Agent

+ Voice transfer protocol – voice over IP (VoIP)
+ Data transfer protocol – UDP/IP
+ Audio transfer format – 16 bit, 8 kHz

+ Emergency power supply  9-16V
+ Max. useful current 280mA

+ Weight (without radio) ~ 320 g
+ Size: 180x90x30 mm

## Delivery kit

+ Portable controller "Swift Agent 002" (SA002)

+ Option board Swift Transfer 001 to be installed into control station

+ Documentation

+ Connection kit for option board (optional)

## Key areas for use

**Oil & Gas, Energy Sectors**

**Public Safety & Airports**

**Fire & Emergency Services**

**Transportation & Logistics**

**For Sales and Support** contact your local TRBOnet dealer
or visit www.trbonet.com for a complete list of dealers in your area.

### neocom software