

TB8100 Base Station - Alarm Reporting Upgrade

Introduction

Monitor an entire network from a central location with the TB8100 base station and an Alarm Reporting software license (TBAS010). This means you don't need to manually connect to each base station to check it. At the first sign of trouble, the base station dials up an Alarm Center and provides it with a list of recent alarms and other status information. The Alarm Centre can then email this information to one or more email addresses.

Standard Alarm Offering

As a standard feature, the TB8100 continuously checks 43 different alarm parameters. These cover all modules of the TB8100: the Reciter, PMU, and PA, as well as external inputs such as line levels and received signal strength.

If an alarm is triggered, the Alarm LED on the front of the TB8100 flashes. If a Service Kit is logged on, it displays a flashing alarm icon.

The TB8100 base station lets you know that an alarm has been triggered via:

- Over-the-air alarm pip tones
- Over-the-line alarm pip tones
- Activating a digital output (to initiate automatic switchover, for example)

Additional Functionality

The Alarm Reporting software license enables the base station to connect to the Alarm Center. This is a PC-based application that combines alarm logs in a single display.

The Alarm Center software comes free with every TB8100 base station, but only base stations with an Alarm Reporting license can communicate with the software.

With the additional functionality offered by the Alarm Reporting software license, the TB8100 will:

1. Send an alarm log to an Alarm Center
2. Send an email, which contains alarms and other status information, to one or more email addresses

For example, the Alarm Center can send each email to two recipients: the technician who must fix the problem, and the administrator.

Alarm Reporting Benefits

Alarm Reporting and the Alarm Center keep you well informed about the behaviour of your network.

Using the Alarm Reporting software license to monitor the Alarm Center means that at the very least, staff find out about faults before a user rings up.

One Alarm Center can forward emails from multiple base stations to multiple email addresses.

If different technicians cover different areas of the network, you can use multiple Alarm Centers or program the base stations with different email addresses depending on their location.

Requirements

To run the Alarm Reporting software license, you need:

- PC with at least a dial-up modem
- For each site installation, a communications link back to Alarm Centre (for example, a telephone line and dial-up modems or Asynchronous Port Switches)

Software Licensing

The TB8100 has a range of powerful capabilities, but some of them are only available with a license. Tait's software licensing scheme means that you can select and pay for those features that your network will use.

You can either order a base station with the features you need already licensed, or obtain license keys later on.

A license key is an encrypted code that only works on a single reciter. A key is required for each reciter in the network.

