



BE THERE /// EVEN WHEN YOU'RE NOT

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To: Professional Testing Inc:

Attn: Mike Royer

Date: May 9, 2005

Subject: Technical Questions regarding XRT-750

1. How does the device know which remote devices it is associated with?

The repeater has a considerable amount of processing power and memory. The repeater monitors the "Discovery Process" and there is a propriety learning program that allows it to learn the other security sensors in the Xanboo system.

The repeater transmits a 19.5 millisecond Discovery packet when first installed. It does not transmit a System Integrity packet. In normal operation the repeater could run for months without transmitting a single packet.

2. How does the device know which base station it is associated with?

Each Xanboo device is registered at close range with the base station via the discovery process. i.e. the discovery button is pressed only when the Base station is in discovery mode. The device ID appears on a screen and user accepts it. The repeater is not a sensor, it does not exchange system integrity packets with the base station.

3. What specifically is the repeater looking for to make a decision to retransmit?

The repeater monitors the System Integrity or alarm packet from the Sensor. When it hears a sensor transmit, but does not hear a base station AcK signal, it repeats the sensor signal, which has been stored in memory. During the wait for the AcK signal it checks a table in it's internal memory to see if the device is a house hold registered device. Only house hold registered sensors that were not received by the base station are retransmitted. Thus the XRT-750 is functioning as a Diversity Receiver.

Please let me know if I can help you with any other questions.

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