Pagers Aren't Safe
What is a Pager?

Pagers... those ubiquitous "beepers" that always seem to be going off during meetings.

Have you ever wondered:

- how they work
- how secure are they
- how easy it would be to intercept messages
- what type of information is it safe to send
- what is the risk in using them as part of your SIRT process
How to Intercept Pager Messages

To Intercept pager messages you need:

- A hand held radio receiver to pickup the pager signals
- A hardware decoder to demodulate the signal i.e. convert the audio signal to a data signal
- Software to function like your pager software and decoding the pager transmissions so you can monitor who is getting paged.

Lots of detailed instructions on the web i.e.
http://www.hackcanada.com/2600/articles/2600_16-4_p24.txt
The Radio Receiver

The scanner must be able to pick up the frequencies used to transmit pager messages.

In the UK these are:
138.150 - 153.275
454.675 - 466.075

*Good signals found on 153.1750*

An example scanner is the Yupiteru MVT-7100

Cost - £215.00
Hardware Decoder

Building a hardware decoder is not difficult and instructions are easily obtained on the internet.

If your soldering skills are rusty you can purchase one from http://www.pervisell.com/

Cost - £19.99
Decoding software

Software to decode pager messages is available on the internet.
Some of the easiest to use are:

PD - POCSAG Decoder
http://www.bearnnet.demon.co.uk/pocsag/

Winflex
http://members.es.tripod.de/COMpSEEK/buscas.htm

POC32
http://home.nikocity.de/go/poc32/

Cost - Free
Putting it all together

Time taken to set-up system, install software, and learn how to use it:
90 minutes

Cost £234.99 (Excluding PC)
Warning!!
Don't try this at home
Receiving or Decoding certain signal might be against the law, so please check local, state, and federal law's before doing any of it