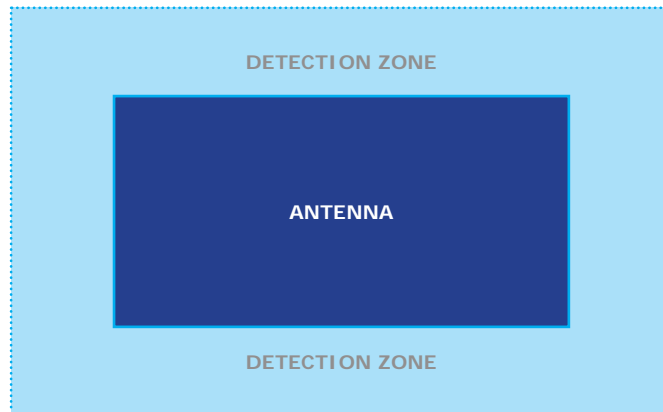# FE Technologies
Circulation Assistant

The FE Technologies Circulation Assistant converts an existing library terminal into an RFID enabled terminal for circulation functions. The RFID pad is used as a reading device and communicates directly into the LMS.
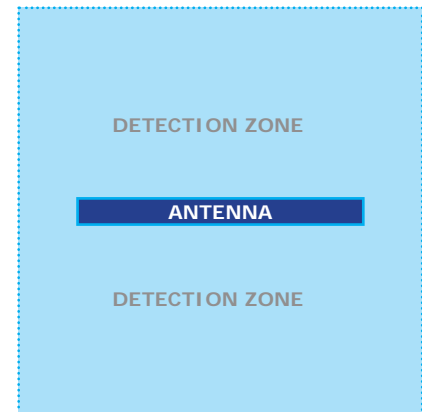
- **Automatic synchronisation** - When the LMS is changed from check in to checkout, the Circulation Assistant automatically synchronises with the LMS and visually identifies the change of status. This means the security status is always set correctly making it the most accurate product on the market.

- **Speedy** - The Circulation Assistant replaces the barcode filler to transfer the item number to the field on the LMS screen. The Circulation Assistant can process up to 5 items at a time, significantly speeding up circulation office functions.

- **Pop-up monitor** - The Circulation Assistant monitors all pop-up screens that alert the operator when there is an exception (eg. on hold or item to be weeded etc). When the pop-up screen appears the Circulation Assistant waits until the exception is dealt with by the librarian prior to populating the information for the next item.

RFID that works.

The antenna can detect items directly above as well as directly below and all around it. It will also detect tags through table tops. This means that the areas directly below the antenna cannot be used to store any library items or metal objects. The detection range depends on the type of antenna as shown below.

DETECTION ZONE

ANTENNA

DETECTION ZONE

DETECTION ZONE

ANTENNA

DETECTION ZONE

Detection around an antenna
(Plan View)

Detection above and below an antenna
(Cross Sectional View)

Technical Specifications

- **Compact kit**: This kit comprises the Circulation Assistant software and a low power USB connected RFID reader with integrated antenna. This kit is useful where desk space is limited or low volumes of items are to be processed. The reader is powered by the USB port.

- **Standard kit**: This kit comprises the Circulation Assistant software and a high power RFID reader with a separate antenna pad. This kit is useful where high volumes of items are to be processed and desk space is available. The reader connects to the computer via a USB port and is powered by a separate 12v power supply.

- **Shielded Standard kit**: This kit comprises the Circulation Assistant software and a high power RFID reader with a separate shielded antenna pad. This kit is useful where high volumes of items are to be processed and desk space is available but the environment is not suitable to use a standard antenna. This could include situations such as the following:

  1. The working surface is made of metal
  2. The table has metal frames
  3. The space under the antenna is used to store library items.

We'd love to discuss library RFID and its benefits with you and your team. We can arrange a demonstration of our products at your premises, arrange a tour of our site, or even arrange a tour of one of our up and running RFID libraries.

FE TECHNOLOGIES

Give us a call: **1 300 731 991**
Send us an email: **enquiries@fetechgroup.com**
Or visit our website: **www.fetechgroup.com**