Solaris RFID is a state of the art antitheft system based on UHF RFID technology. Its range of antennas adapts to any store size and configuration.
It can be programmed to several work modes:

- Stand alone: Will detect preset EPCs.
- Read the EAS bit: Will detect tags which have not been paid.
- Check against POS database if the item has been paid.
- Check against any other database.

- Bulk theft. Many tags in a short period of time.
- Custom protocol. It can be re-programmed to alarm under any custom criteria.

- System comes with several filters and configurations to prevent false alarms from near and stationary tags. Optionally it can be upgraded with:

  - People counter. Count store traffic.
  - Metal foil bag detection. Detect any attempt to introduce a foil bag into the store.
  - Magnet detection.

- It can be combined with AM or RF 8.2MHz detection too.
- RGB lights, configure alarm to any colour, also standby light.
System is compatible with TotalIT software, real-time information can be checked by central and store managers. System can send its alarms to our PAGER APP, sending information to a mobile device.

Dexilon is dedicated to driving the barriers to deploying RFID technology as low as possible. We design our products to be easy to use out-of-the-box and to deliver predictable, reliable and repeatable performance. Our products require little RFID expertise, enabling to rapidly deploy the solutions.

Dexilon offers a series of RFID readers, antennas and software to increase productivity for a variety of retail applications. By using Dexilon, organizations benefit from the expertise of engineers who have been designing systems for retail for years.

Dexilon RFID is flexible. Our readers, antennas and software work like bricks which can be deployed and adapted to any need. It is this flexible approach what makes Dexilon RFID the perfect solution for retail applications for any use case.

RFID READERS

Dexilon RFID readers will meet the performance requirements of the most demanding fixed position multi-antenna reader applications, delivering the highest read rate and RF power. It will transmit up to +31.5 dBm and can read more than 750 tags/second. This performance makes it the ideal RFID engine for challenging applications. It is possible to customize its comms to support board-to-host connectivity.

RFID ANTENNAS

SOLARIS RFID antennas can be used at multiple locations. The device can be placed for example where the goods are being received to track the items arriving. Or it can track the items that are moved from different warehouses. The antenna could be placed at the customer entrance to detect which items are leaving the store and to alarm on the items that are not being paid for.

RFID SOFTWARE

RFID Software is the most critical piece of an RFID application. Whether you are preventing theft, tracking assets or conducting inventory, we have the RFID Software to meet your needs. Our software can be modified or upgraded to adapt to your existing hardware or processes.