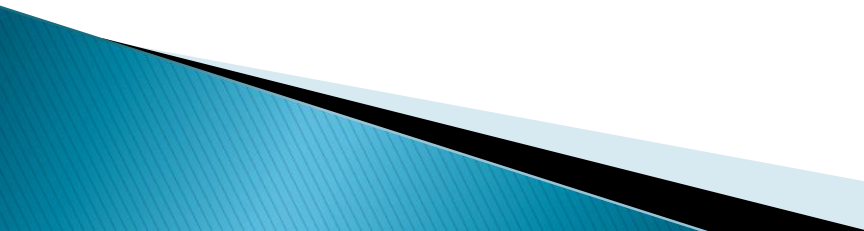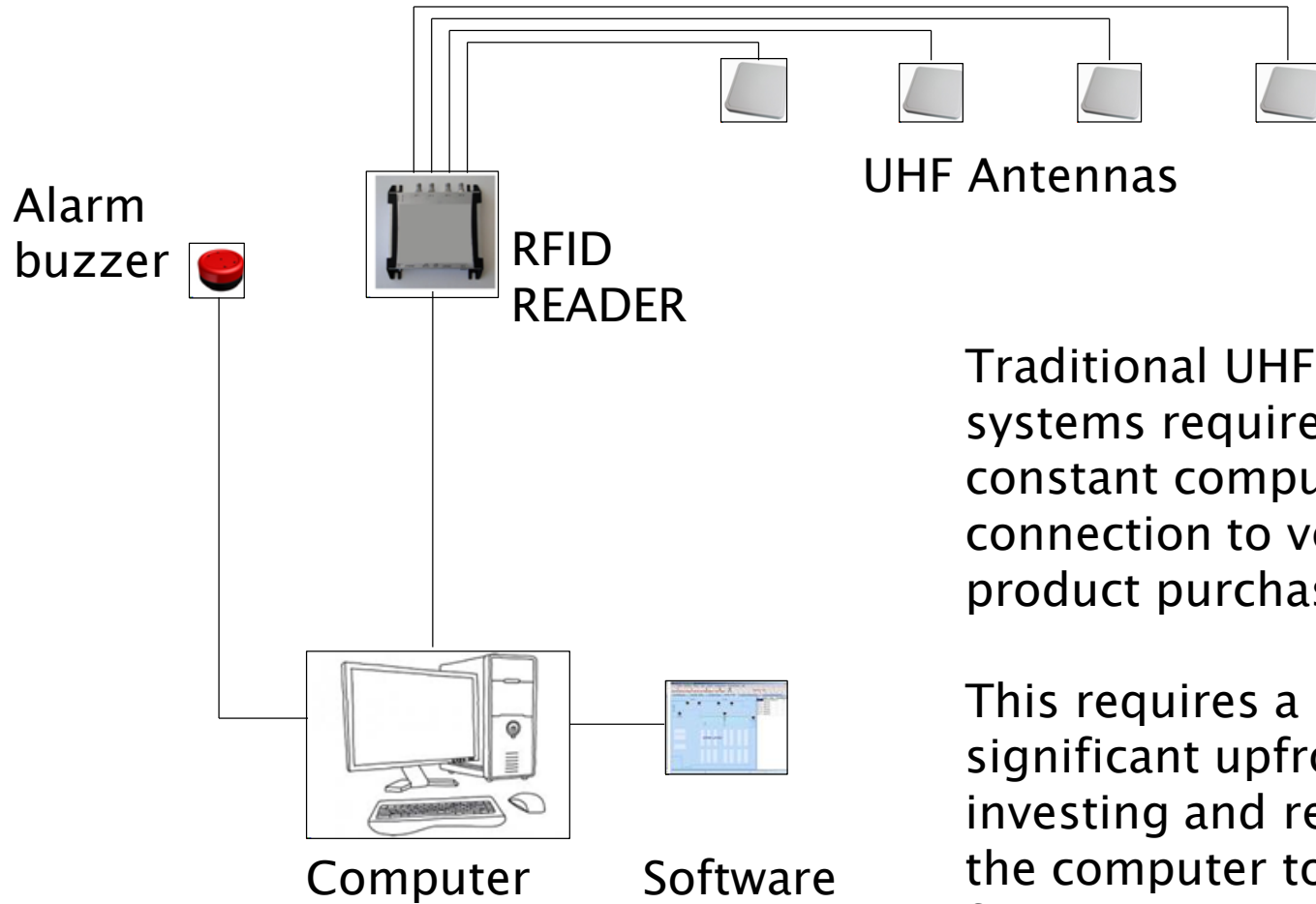# UHF RFID EAS

THE NEXT GENERTION OF EAS SYSTEMS

WHY USE UHF RFID FOR EAS?

- Longer Read range – Fewer antennas needed
- Hidden overhead antennas possible
- With UHF overhead, you can keep your old EAS system in the transition period, while you are changing your tags
- Individual protection of parts of the store
- With UHF RFID tags you can also fight internal theft
- With UHF RFID tags, the inventory count is easy
- Source tagging in the near future will be UHF RFID tags
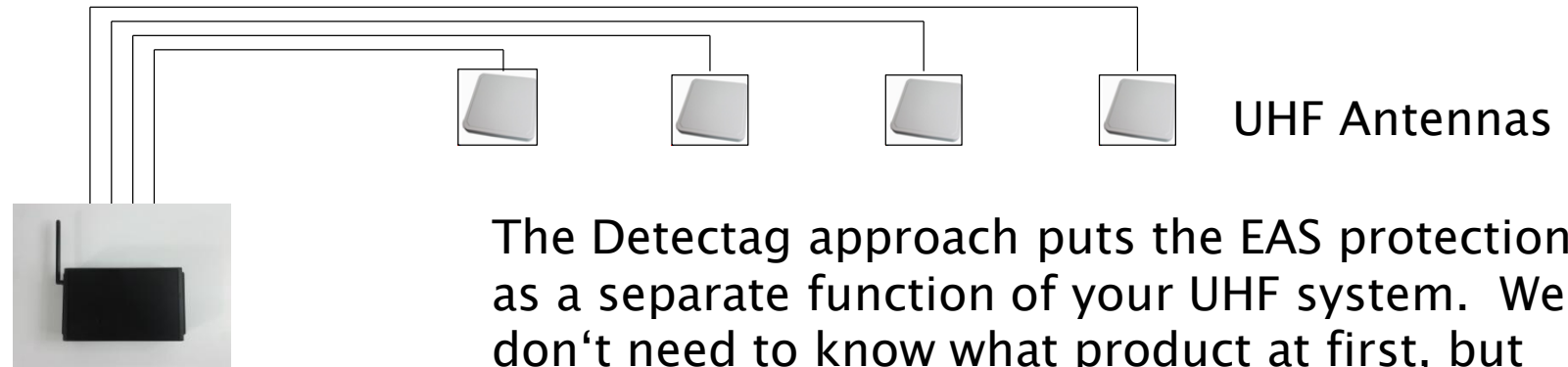- No false alarms, no tag pollution

TRADITIONAL UHF RFID EAS SYSTEM

UHF Antennas

Alarm buzzer

RFID READER

Traditional UHF RFID systems require a constant computer connection to verify product purchases.

This requires a significant upfront investing and relies on the computer to function.

Computer   Software

DETECTAG UHF RFID SYSTEM
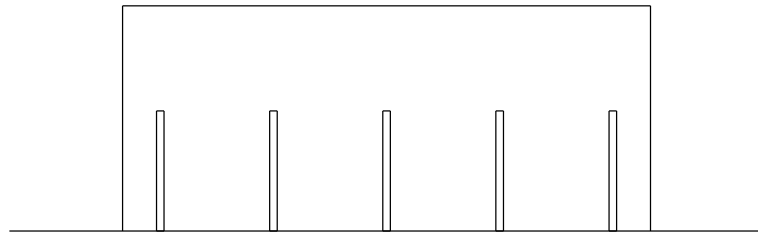
UHF Antennas

UHF RFID
EAS SYSTEM

The Detectag approach puts the EAS protection as a separate function of your UHF system. We don't need to know what product at first, but rather if it's stolen.

More in line with traditional system thinking we monitor an EAS bit put into UHF RFID labels. If it's activated the alarm will sound.

You can choose to connect a computer system to get exact product details later or not at all. This flexibility allows for future upgrades without changing the entire system.
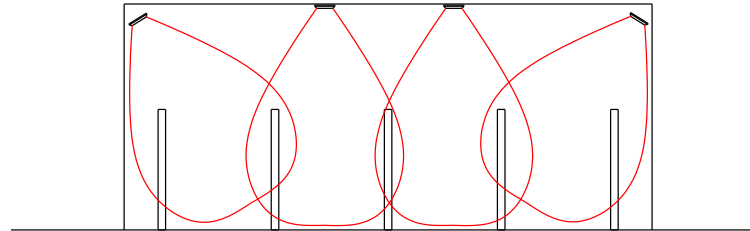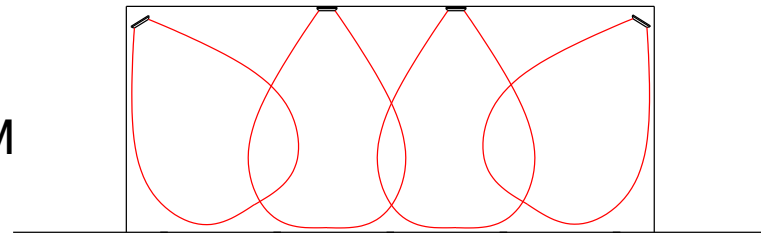
Flexible Entrance protection.

OLD EAS SYSTEMS

A cleaner entrance profile is one of the advantages of using UHF RFID antennas. They work in conjunction with traditional EAS to facilitate an easy transitioning.
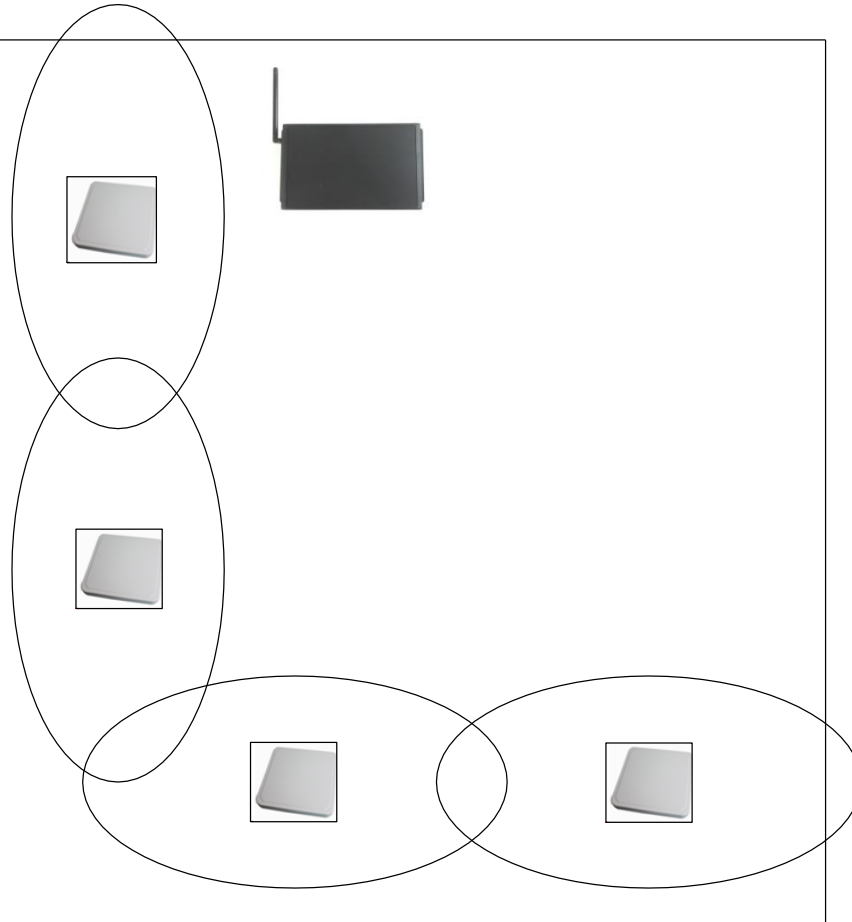
COMBINE OLD EAS ANENNAS AND NEW UHF RFID

OVERHEAD UHF RFID EAS SYSTEM

Flexible Entrance protection.

An area of the store can be separated from the rest with overhead UHF antennas. Thereby if merchandise leave the area the alarm will sound. Perfect for the store-in-store or for areas catering to higher end goods.
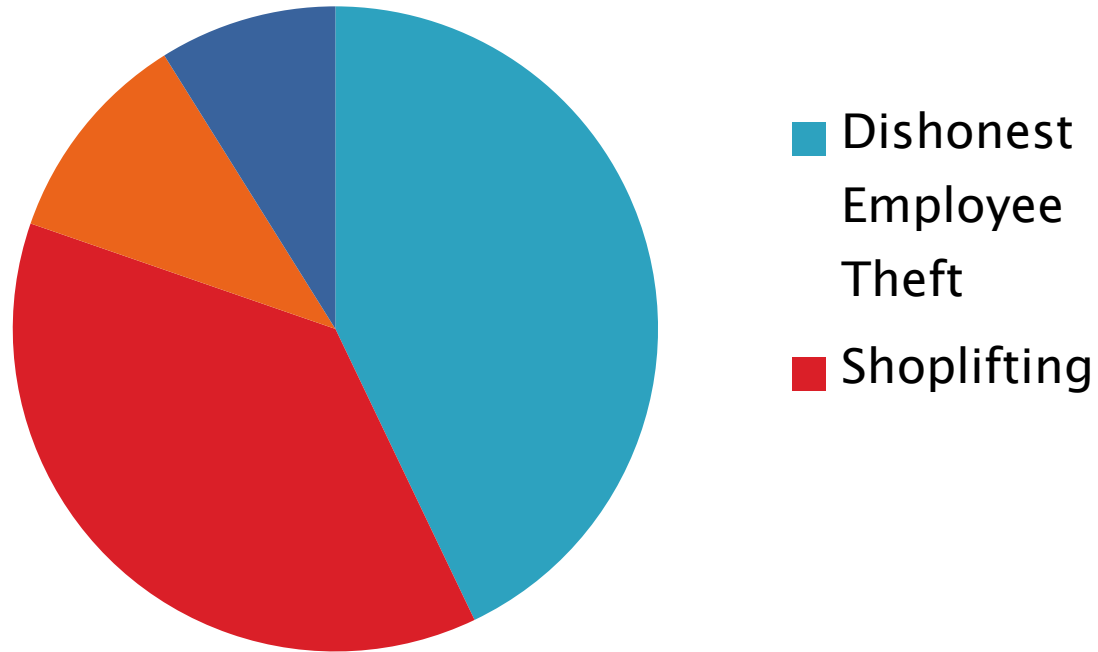
Our Advantage

- Progression towards UHF without a large investment. Build as you grow.
- Freedom to choose and upgrade as new technology becomes available
- Independent from computer system
- Deactivation and Re-activation of UHF labels
- UHF tags available as hard tags or labels.

Retail Shrink

Legend:
- Dishonest Employee Theft
- Shoplifting

Traditional EAS only combats part of the retail shrink. UHF also helps combat employee theft, doubling your protection.

Internal theft prevention

- Detachers for hard tags with build in UHF reader, keeps track of the time the tag was removed and what product it was protecting.
- Hard tags with double lock can not be removed with traditional detachers.

A Better System that's Future Ready

- Upgradable and able to connect to computer systems through build in LoRa wireless connection or through RS485 wired connection.
- Full UHF tag protection to begin with ability to add inventory control later
- Works in conjunction with traditional EAS system so you can gradually phase out old EAS tags
- Flexible to give you a choice on the computer system.