

Collaborative Approach

How CoreRFID works with customers to meet business needs

"Automatic identification (AID) projects can be realised in many different ways. Choosing the right approach needs a working partnership between supplier and user."

Organisations have to view the issue of applying technology to business problems with care. It is often a challenge to avoid dead ends and to escape the "solution in search of a problem" difficulties that dog so many projects. It is especially true of the technologies that can help businesses to assign, identify, track and audit assets because of the wide range of possible approaches and the different standards affecting installations. CoreRFID works collaboratively with our customers to overcome these issues.

The Highlights

The Starting Point

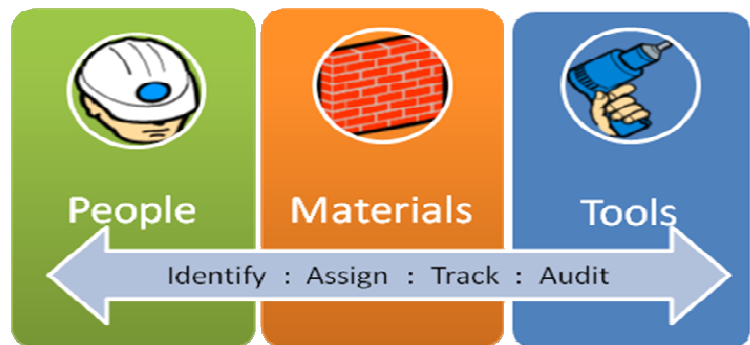
CoreRFID's approach doesn't presume any particular technology solution. Our starting point is the customer's business need and the range of solutions that could be applied to it.

The Approach

CoreRFID works with the customer to create a joint agenda for deciding on the right solution, carrying out pilots, demonstrating technology to users, introducing solutions on a phased basis and working with organisations in the customer's extended supply chain to get the best from the solution.

Why CoreRFID : 5 Reasons

1. CoreRFID is ideally positioned to be able to provide the collaborative approach needed to succeed with AID projects:
2. We work with best in class technology vendors in all areas of AID, providing us with access to all the alternatives.
3. We have implemented solutions in many different industries, giving us insight into what can be made to work well.
4. We have our own, in-house, development capability for software and for RFID tag design, allowing us to adapt solutions.
5. We track AID standards through our membership of GS-1, AIM and EPC-Global.
6. We can deliver solutions based on mobile computing, on web based technology, stand alone or integrated with other systems, so providing the best implementation approach.



Projects that track & manage assets may need different technologies.



Solutions often need a combination of back office systems and mobile computing. CoreRFID combines their knowledge of these environments wifi, GSM and GPRS communications, web based services and GPS to integrate the who, what, and where of AID systems.

And of course for many applications hand held computers are not needed at all – the solution may use simple stand-alone or network connected readers.

Bar code and RFID (radio frequency identification) provide a way of tagging assets or identifying people or locations. Tags can be ruggedized for out of doors use, attached to metal, concrete or wood and can even be re-used. They are available in a wide range of formats (large and small) and capabilities with proven fixing facilities.

Tag data can be read by hand-held devices, mobile computers or, by using fixed point readers, tags can be detected entering or leaving particular locations.



Some Examples of CoreRFID's collaborative approach.

Technology & Process : SMD

For SMD, a specialist installer of structured metal decking, the problem wasn't how to introduce RFID; it was how to ensure that their safety net usage conformed to the requirements of BS EN nnnnnn-2 and the FASET code of practice. CoreRFID worked with SMD to devise a solution that tracked safety nets into and out of store and on to site in a way that could be easily used by their installers, that would stand up to the rigours of weather and mistreatment on a building site and could provide simple information easily to SMD management. Using RFID tags, the solution was designed by CoreRFID staff working alongside SMD installers to try out the best ways of attaching tags to netting and the best ways to integrate the tag checking routine into the installers normal working practices, so that the solution had the best possible chance of success.

A Simple Brief: Windfall Films & The Royal Institution

Windfall Films were producing the 2008 Royal Institution Christmas Lectures. They wanted to include a short demonstration of RFID technology. CoreRFID worked with them to agree a deceptively simple brief: "It needs to show RFID in action for something the audience of young people relate, showing the key features that make it important, in a demonstration 30 seconds long that can be delivered by our presenter." Together with the Windfall production team, CoreRFID designed the solution – based on a much simplified supermarket checkout style application –sourced the technology and provided on-site support during rehearsals and recording to fit the demonstration into the other elements of the one hour broadcast.

Supporting Innovation: Reactec

Reactec had devised an innovative solution to the problem of managing workers exposure to risk of injury from exposure to vibration but it required a simple way of registering how long workers spent operating tools. CoreRFID worked with them to create a customised RFID tag that could be attached magnetically to tools in order to monitor exposure. CoreRFID helped Reactec to trial different tag approaches and to devise a package for the tag that would survive the working environment as well as developing a customised proprietary storage algorithm to meet the capacity requirements imposed by the Reactec approach.

Creating Management Awareness : BAE Systems

As part of their use of AID technologies across their business BAE Systems had decided to work with CoreRFID on the implementation of a barcode based tool tracking system for their Wharton site. They also chose CoreRFID to work with them on developing their ability to apply AID technologies, by implementing a demonstration laboratory environment where manager's could explore the potential of the technology and try out systems and solutions. CoreRFID worked with the BAE Systems team to provide applications that could be used in such a laboratory environment and to supply and support the equipment that would be used for trials, showing a range of solutions across the different forms of RFID.

"I made contact with CoreRFID when I had a need to develop my company's health and safety reporting process. The brief I gave was for a system that replaced the current paperwork but also improved the quality of both statutory reporting and 'management system' reporting. The system had to be smart, fast, portable, linked to website, auditable and reliable. The CoreRFID team was fantastic in their approach to achieving these goals. The system was designed and configured expertly and on time."

**Keith Gordon,
Head of Health & Safety,
Scottish Water Solutions**

The Extended Supply Chain : Carmarthenshire County Council & London Underground

AID solutions may need approaches that extend beyond the organisation in order to get the best from them. For Carmarthenshire County Council, CoreRFID worked with their audit team to deploy a solution that would allow for more frequent , more accurate audits of desk top equipment and as part of that, helped to introduce the tagging processes to Carmarthenshire's IT suppliers, simplifying their own processes. Similarly where CoreRFID was providing a system to simplify escalator step maintenance for London Underground, CoreRFID worked together with the project team to identify technology that outperformed that used on a failed pilot with another supplier and then to determine the best approach to step tagging – embedding it in the manufacturing process of London Underground's suppliers.

Contact CoreRFID

To learn more about the ways we can work with you on your AID requirements, contact us today:

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