

Stock checking at UKAEA

The UKAEA (United Kingdom Atomic Energy Authority) has been at the forefront of the development of nuclear energy in the UK since 1954. It is responsible for the safe interim storage of radioactive waste pending a long-term national disposal site.

On its sites, several thousand drums of contact handleable radioactive waste are stored. UKAEA undertakes regular stock checks of these drums. The original paper based process was time consuming, with each drum taking several minutes to process.

After contact with Codegate the drum identifiers were converted into bar code format, and each drum given a bar code label. Drums can now be read very rapidly, from a distance, with the data being electronically stored for later reconciliation.

A Symbol portable data terminal with long-range laser scanner was chosen with the bar code labels being produced on a Zebra printer with appropriate software.

The stock database was re-configured to allow direct input of data stored in the scanner, vastly quicker and more accurate than the previous check and tick method.



“This was a cost-effective, simple solution which had greatly reduced the time we spend stocktaking. In terms of radiation exposure, we have reduced it by a factor of 100. At UKAEA we need to ensure we work effectively for our stakeholders, the environment and for our employees.”

Ian Carvel, Waste Operations Manager

About Codegate . . .

Codegate is a privately owned software development company, with its head office in Oxfordshire. We specialise in the provision of track & trace and mobile enterprise solutions. This includes a “full service” offering from functional specification through to design, production, implementation and ongoing maintenance.



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