

PRESS INFORMATION

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For Immediate Release

Vaillant Group Use RFID For Work-in-Progress Management

Vaillant Group, Europe's number one heating technology manufacturer is using radio frequency identification (RFID) technology, provided by solution integrator CoreRFID, to manage work-in-progress on the production lines of its UK manufacturing plant in Derbyshire. The system provides real time visibility of which boiler is at which stage of manufacture as it moves along the line, promoting quality and enabling best use of production facilities.

The solution, developed by Vaillant Group, with RFID consultancy from CoreRFID, tracks each boiler so that all production steps are followed in the correct sequence and that tools and materials are available exactly as needed at each step. Each production trolley that carries the boiler chassis along the line has an electronic tag that can be read at each manufacturing station as the trolley arrives. CoreRFID helped Vaillant Group by providing support in selecting the appropriate RFID technology for the application and the layout of the plant. CoreRFID also advised on the design of software so that the RFID readers and antenna would work correctly, solving the problem that Vaillant Group needed to deploy a number of the sensitive devices in close proximity to one another.

Richard Sainsbury, Industrial Engineering Manager for Vaillant Group UK, summarised the benefits. "The RFID system links directly to our production management system providing immediate information where individual boilers are in the line. The RFID solution improves quality by ensuring each boiler has exactly the right manufacturing steps carried out in the correct sequence."

John Williams, CoreRFID's Marketing Manager, explained CoreRFID's contribution; "We work on a wide range of projects and are always happy to advise clients on the best technology to choose and the approach to implementing solutions. There are often many options for an application like this and experience of what works and what doesn't is often the critical success factor." A short case study of the application is available from the CoreRFID web site.

About CoreRFID Ltd.

CoreRFID, based in Warrington, UK, is a specialist solution integrator and distributor for RFID applications and technology. CoreRFID develops and implements radio frequency identification (RFID) solutions across healthcare, transport, facilities management, construction, government and high-value manufacturing. The company has delivered applications for asset management, health and safety monitoring, pick and pack manufacturing and plant maintenance.

CoreRFID's has capabilities in RFID technology selection, mobile computing platforms and solution design, development and deployment. CoreRFID works in conjunction with major clients, integrating RFID solutions with existing back office systems. CoreRFID also operates a web shop outlet and distribution facility.

RFID technology selection and deployment consultancy is part of a range of RFID related services provided by the company.

For more information, visit www.corerfid.com or www.rfidshop.com.

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