

RCD Takes RFID Intelligence to New Heights with High Memory, Gamma Resistant Tags

Newsletter
December 8, 2010

RCD Technology continues to lead in providing innovative RFID tag solutions. Through intelligent, deliberate, and creative design techniques, RCD is pushing beyond today's RFID limits. As evidence of our technology edge, we have been working with **Tego, Inc.**, to develop a family of tags featuring the TegoChip™, which is the first high memory, passive RF chip to appear on the market.

"One of the guiding philosophies at RCD Technology is our ability to innovate on a daily basis," said Bob Oberle, Chief Technical Officer and Co-founder, of RCD Technology. "Designing a tag capable of supporting up to 32-kilobytes of memory is a good example of this philosophy at work. We collaborate with our customers to architect the what-if application scenarios and we expect more from the technology in order to achieve the next level of performance. That's exactly what has taken place with our new high memory, gamma resistant tag."

RCD's new line of **tags** powered by the TegoChip are available in two form factors:

- Gamma radiation resistant label
- High memory Sentry-HM tag for asset tracking applications

RCD Technology has developed a label that can be placed on assets that must be sterilized using gamma radiation. The gamma label features memory up to 4 KB and is compatible with UHF infrastructure. The label is also compliant with ISO-18000-6C. RCD is able to produce the label in a variety of sizes and we currently have sample kits available. For more information regarding the sample kits please **contact us**.

The high memory Sentry-HM tags enable a host of applications including the storage of part manufacturing history, maintenance records, and comprehensive maintenance manuals for MRO cost savings. Other high memory applications include biometric information, tracking long life assets, and recording military vehicle maintenance. High-memory RFID tags are already being rolled out in aerospace and healthcare applications, it can also be used in the Oil and Gas, Cargo, and Railroad industries, by putting valuable intelligence directly on the tag with UHF read capabilities.

RCD is uniquely positioned to take advantage of all the



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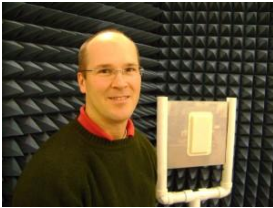
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features available in the TegoChip through innovative RFID tag design. In addition to memory up to 32 KB and gamma radiation resistance, tags manufactured by RCD using the TegoChip can utilize the I2C interface for sensors, actuators, and display interworking. Other form factor development is also underway. Including, a high memory access card with secure tamper proof memory.

For more than 10-years RCD Technology has provided RFID tags that consistently address the difficult applications. If you believe that your company could benefit from a tag featuring the TegoChip please [contact us](#).

What's Your Challenge?



Send us your challenge! RCD Technology welcomes the opportunity to assist you in developing the best RFID solution for your application needs. RCD can help you identify the optimal tag for your environment, and can aid you in your search for a reliable system integrator partner. Our team of experienced engineers can identify solutions or make recommendations that shortcut your time to full implementation. Use our '[Ask the Expert](#)' form to submit your asset tracking challenge!

RCD Ranked #78 in Lead411 Technology 500

RCD Technology is proud to announce that we have been ranked number 78 in [Lead411's Technology 500](#) list. This list recognizes the fastest growing, privately held technology companies in the United States. Thank you to our loyal customers for the support over the last 10 years!

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RCD Technology's tamper evident technology, RCDSecure™ - How RCD can help keep your most valuable assets safe.

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