



LUXURY GOODS INDUSTRY



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SPACECODE is a complete end to end Radio Frequency Identification (RFID) company specializing in Luxury Goods and related industries. Its patented technology meets Luxury Goods needs by providing the total solution: 100% identification and reading accuracy and reliability in liquid, metal or organic material environments, in multiple orientations or close proximity, and in multi-item bulk. Together with its partners and customers, SPACECODE is engineering the future of RFID in the Luxury Goods industry.

RADIO FREQUENCY IDENTIFICATION IN THE LUXURY GOODS INDUSTRIES



Conservatively valued at some \$70 billion at the end of 2004, the luxury goods industry is expected to exceed \$100 billion by 2008. With a powerful customer base, especially in the burgeoning Asia Pacific region, the industry must offer continuously changing brands requiring adaptable and accurate tracking, management and control.

The wide variety of goods has boosted public awareness and accelerated a major global problem: counterfeiting. High import tax rates in developing countries, and the reluctance of customers to buy the real thing when it is easy to buy a very good near approximation for considerably less, make a compelling case for the implementation of RFID.



Diamonds, in particular, enjoy a hugely lucrative niche in the luxury goods industry and RFID is set to offer an array of benefits to both manufacturers and grading laboratories. For manufacturers, RFID provides automated and instantaneous stock counting, recording and listing on demand for complete and current inventory management and distribution, resulting in significant reductions in losses, costs and administrative errors.

“It is anticipated that RFID technology will transform Luxury Goods logistics through applications for every piece”.

For laboratories, RFID will deliver an automated certificate database that provides real-time tracking and tracing of diamonds, and the elimination of clerical errors. And for the first time RFID users will enjoy non-manual solutions at the click of a button, allowing the full value of the indispensable GIA certificates to be realized.



SPACECODE RFID TECHNOLOGY

SPACECODE is a specialist RFID company focused on the Luxury Goods market. The company occupies a clear gap in the luxury goods logistics market, uniquely solving key RFID challenges for customer applications. The cutting edge solution provides breakthrough innovations that allow customers to generate clear advantage over their competitors. The world-class management team has associations and deep knowledge of the Luxury Goods industry.

SPACECODE is the finest end to end RFID provider, selling breakthrough solutions customised to clients individual requirements. Together with its partners and customers, SPACECODE is engineering the future of RFID in the Luxury Goods Industries.

REAL TIME BENEFITS OF SPACECODE TECHNOLOGY

Some of the benefits for the Luxury Goods Industry generated through the use of SPACECODE RFID solutions include:

- Improved asset management
- Better item level inventory control and distribution
- Improved product visibility and availability
- Efficiency / Productivity gains in distribution and receiving
- Reduced inventory losses and write-offs
- Labour cost reductions
- Reduced administrative errors and better accountability
- Optimized business and manufacturing processes
- Anti-counterfeiting
- Improved security, reduced theft, reduced fraud
- Improved product information flow and data integrity
- Improved business logistics process
- Improved patient or end user service



Specific Requirements of RFID in the Luxury Goods Industry

Fast, reliable 100% accurate identification and tracking of goods

Simple to use and implement, easily scalable

Cost effective RFID materials, supply and installation

Tags and readers that can easily incorporated into instruments, packaging and existing processes

100% secure - impossible to counterfeit or reproduce, and difficult to destroy

Excellent data integrity

Ability to identify critical goods in close proximity and multiple orientations

Ability to identify products despite hostile environments ie presence of metal/ aluminium, liquids and organic material

MORE ABOUT US

SPACECODE RFID's technology with its distinct advantages enable unparalleled performance capabilities in harsh RFID environments and make it uniquely capable of automatically collecting and or authenticating critical, 100% reliable item data in the manufacturing or industrial arenas.

Whether it's for identifying car parts, steel pipes, textiles, packaged industrial or consumer goods, or even for large volumes of closely packed metal bearing bottles bearin, we assure fast, complete, 100% accurate and reliable identification data.

“Our technology and its distinct advantages enable outstanding performance capabilities in harsh RFID environments”.

Our strengths stem from novel, performance-driven RFID chip and reader design, a unique frequency independent tag-reader communications algorithm, and years of experience in developing solutions that optimally harness radio wave physics.

Beyond automatic ID, our research and our partner activities enable us to bring our clients state-of-the-art product authentication, stock/inventory management and billing solutions.

SPACECODE ADVANTAGES

SPACECODE's patented solution is focused on solving key RFID challenges. Our differentiation includes:

- our novel ability to achieve essential performance parameters
- full reliability, authentication, and accuracy in all environments
- a fully scalable solution able to deliver outstanding performance in challenging environments where
 - metal and organic materials are present
 - items are in close proximity and multiple orientations
 - heterogeneous and multi item identification is required
 - items need to be identified inside large volumes
- provision of end to end RFID solutions with a full portfolio of tags, readers, and printers, including mobile and fixed terminals
- a growing network of international customers, partners, integrators, and investors
- proven and tested technology



SPACECODE™ solutions are ideally suited for the Luxury Goods industry

100% reliability and accuracy

Mixed pallet and multi item read ability

Excellent performance metal prone environments

Outstanding ability to read items in close proximity and multiple orientations

No absorption by organic material

Total ability to identify items inside large volumes

Full compatibility and easy integration with existing IT systems



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