

Tracking & Managing Fluids with RFID



RFID-empower the management of your liquid assets

Identifying and managing liquid-bearing items using RFID can be truly challenging as fluids tend to absorb RF signals, significantly diminishing read rates.

As a response to a growing demand from our customers, TAGSYS provides a complete and reliable RFID infrastructure which ensures guaranteed performance in tracing high-value liquid-bearing assets, with high throughputs and in challenging environments.

OVERCOMING THE LIMITATIONS OF RFID WITH LIQUIDS

It is a well known fact that RFID and liquids don't work well together. Technically, it is difficult to get much of a reading at all when an RFID tag is attached to a container filled with liquid unless the reader is very close to the tag, which is a major obstacle in the deployment of high throughput processes.

Depending on the nature of the contained liquids, risks of miss-identified or miss-managed items can have tremendous impacts on society. The blood bag tracking application is a perfect example in which patient data must match the bag data before the blood can be used.

TAGSYS' HF (high frequency) RFID infrastructure addresses the real-life issues and daily challenges of implementing a fluid-based item-level RFID system. Our systems are based on years of unmatched expertise in HF RFID technology and on our guaranteed system's performance offering unequaled 100% read rates with our reader platforms, even in extreme industrial environments.

ADDRESSING A MULTITUDE OF APPLICATIONS

There are many applications requiring the tracking and management of liquid-bearing items in high throughput supply chains such as containers filled with detergents, chemicals, cosmetics and beverages.

Our RFID technology also addresses applications in the Healthcare and Life Sciences sector such as the tracking of blood bags and medical samples.

TAGSYS' RFID DIFFERENTIATOR:

- Unique HF system's performance in tracking & tracing liquid-bearing items.
- 100% constant read rate at item-level tracking.
- 100% constant read rate at pallet level tracking.





To quickly and cleverly demonstrate the implementation of an RFID-based system for the tracking and management of liquid-bearing items, while demonstrating the overcomes of the technology:

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TAGSYS provides complete, reliable, high performance RFID infrastructure systems for item-level tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, makes us the ideal RFID partner to ease and ensure the success of your project.

More information can be found at www.tagsysrfid.com.

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Order your **KIT-4-Fluid-Items** for only: **€1199**
US \$1699

- All in one (samples & equipment)
- Easy to install
- Easy to use

Contact us at: rfidkit@tagsysrfid.com

KIT CONTENT:

- 4 RFID-enabled blood bag samples
- 4 RFID-enabled small containers
- Aero LB Antenna
- Medio P200 Reader
- Additional tag samples for your liquid-bearing products
- Demonstration Software (Windows® XP, Vista, 7)



TECHNICAL SUPPORT:

By following the step-by-step instructions featured in the Installation Guide included in the KIT, the user will learn all necessary skills needed on RFID technology and its use with fluid-based items.