The Passive Sensor Probe aims to transform traditional medicine packaging into Lab-in-package items through:
- The real-time sensing of temperature and relative humidity directly within the microenvironment of medications maintaining packaging integrity.
- The ability to take measurements without having to open the medication container.
- The elimination of the reliance on wired/bulky sensors.

Multi-package Monitoring
- Device eligible for diverse medications and types of packages with unaltered performance.
- Suitable for monitoring hundreds of pharmaceutical containers simultaneously.
- Generating unprecedented amounts of data at package-level.
- The flexibility of the testing setup makes the system easily integrated within laboratory workstations.

Empowering Pharma Labs and Stability Tests
- The solution is tailored for pharmaceutical companies engaged in late-stage drug development and laboratories conducting stability studies.
- The generated data at package-level, securely streamlined to the enterprise IoT platform, significantly enhances the precision of stability studies for shelf-life predictions and expedites the development of new medicines.

**BENEFITS**
- Precision in Storage Conditions
- Detection of Environmental Changes
- Unlimited Operational Life
- Real-time and continuous monitoring
- Cost Minimization

**Potential and future capabilities**
- The reader system offers flexible placement in stability chambers or on lab bench shelves.
- Future generations of the device envisage chemical sensing capabilities of pharmaceutically relevant substances.

Learn more at rainrfid.org