

## **A Smart ISO 18000-6C RFID Sensor Tag Platform**

Ralf Hildebrandt, Michael Heiß, Nicolas Gay, Fraunhofer IPMS, Dresden, Germany

### *Summary*

Combining RFID and sensors leads to a wide field of possible applications. To address many of them while reducing the development cycle for individual specialized systems a flexible RFID sensor tag platform was developed. A solution based on a small integrated microcontroller and the RFID tag memory as data interface will be presented in this paper.