Company Presentation

ERFURT

RFID technology is our mission and passion.
Production and development of RFID components.
We are continuously looking for stunning innovative solutions.

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Where is microsensys located

microsensys GmbH
In der Hochstedter Ecke 2
D 99098 Erfurt

Founded in ***1991***

25 employees

1300 m² leased area on three floors
800 m² production area
40 m² clean room
360 m² reader production
400 m² transponder production
500 m² administration and development

Erfurt City ***GVZ***

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Where is microsensys technology placed, our goal and mission

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intelligent ID and SENSOR hardware

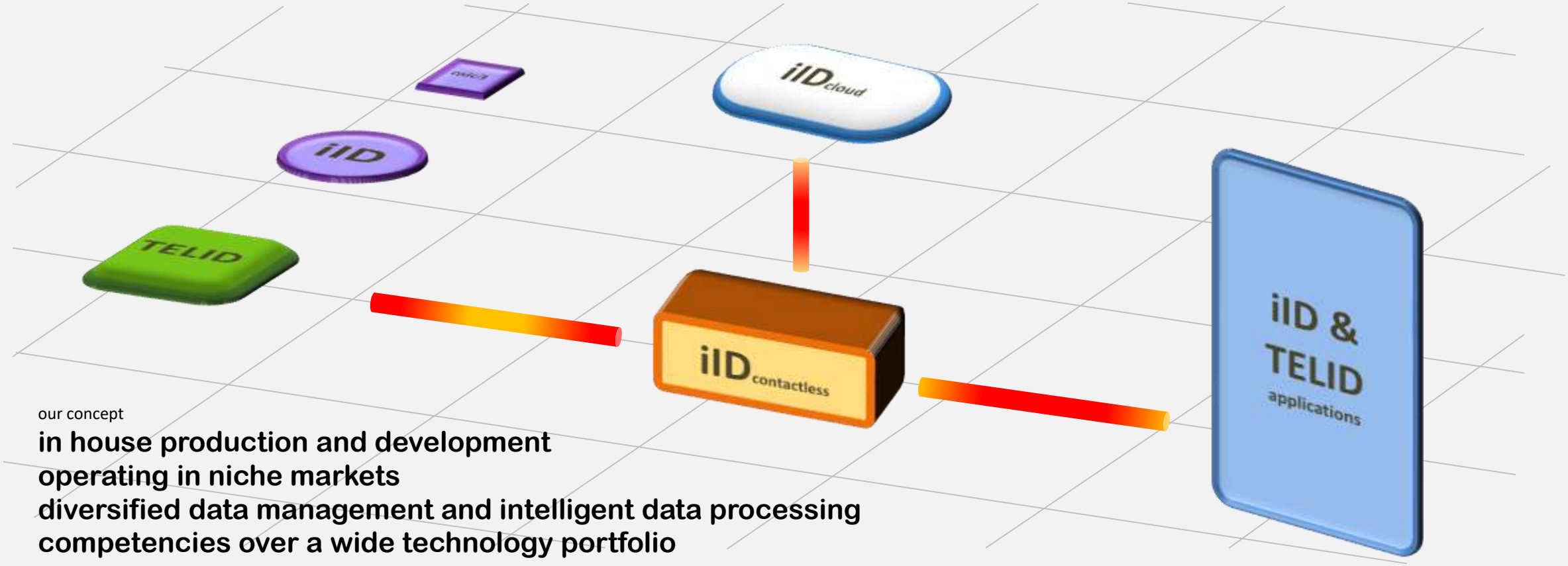
our products

mic3® Miniaturtransponders
iID® Transponders
TELID® Sensors

iID®cloud

iID®contactless Communicators
Reader, Controller, Gateway

iID® &TELID® applications



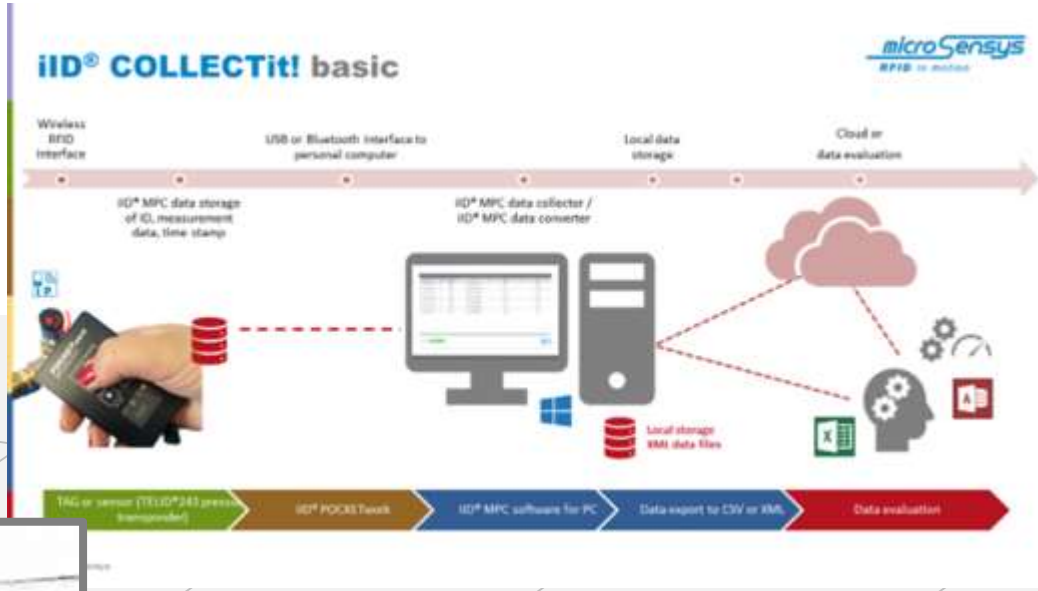
our concept

in house production and development
operating in niche markets
diversified data management and intelligent data processing
competencies over a wide technology portfolio

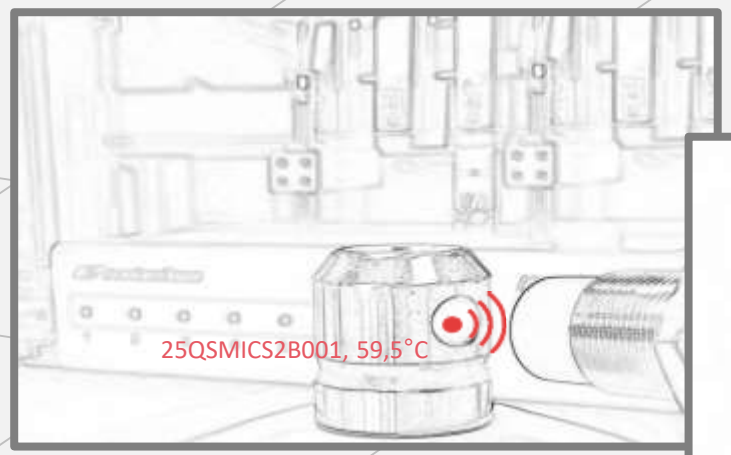
microsensys RFID/SENSOR solutions

our offer

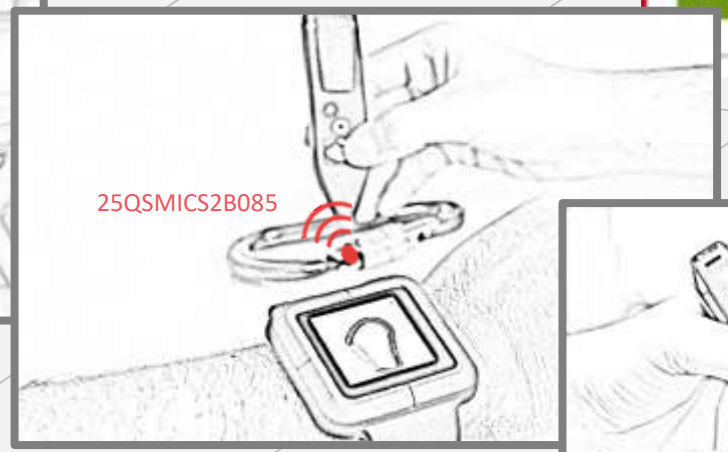
complete solution
from consulting, design, production up to the support
including customization of hard- and software components
mix of wireless technologies: HF, UHF, SENSOR, BLUETOOTH
flexible in stationary and mobile applications



iID®COLLECTit! stationary



iID®COLLECTit! wearable

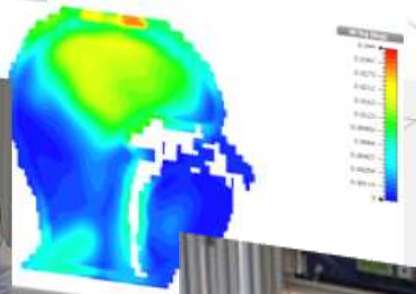


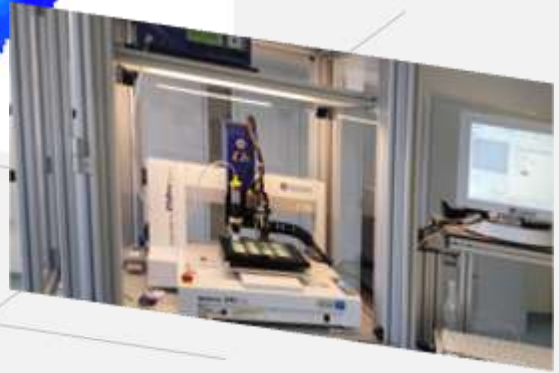
iID®COLLECTit! mobile

microsensys technologies

our basics

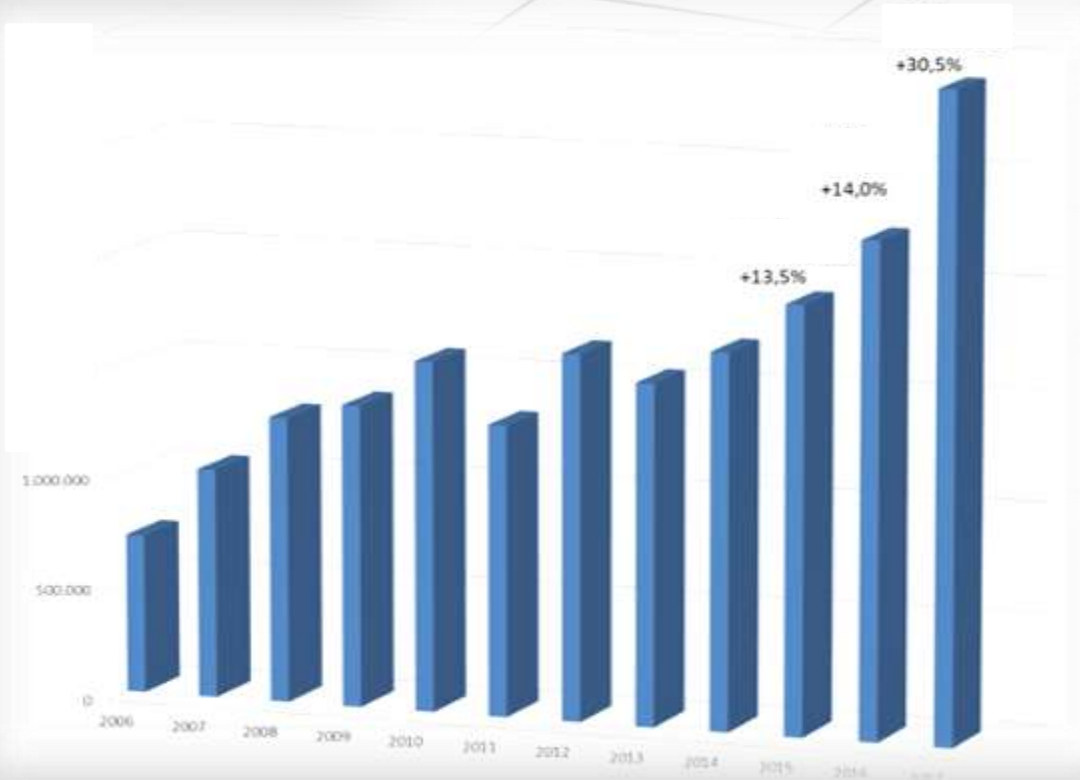
wafer post processing
chip and sensor mounting including micro packaging
electronic and system design
software development
testing of systems and calibration of sensors





microsensys market presence
with original microsensys RFID products

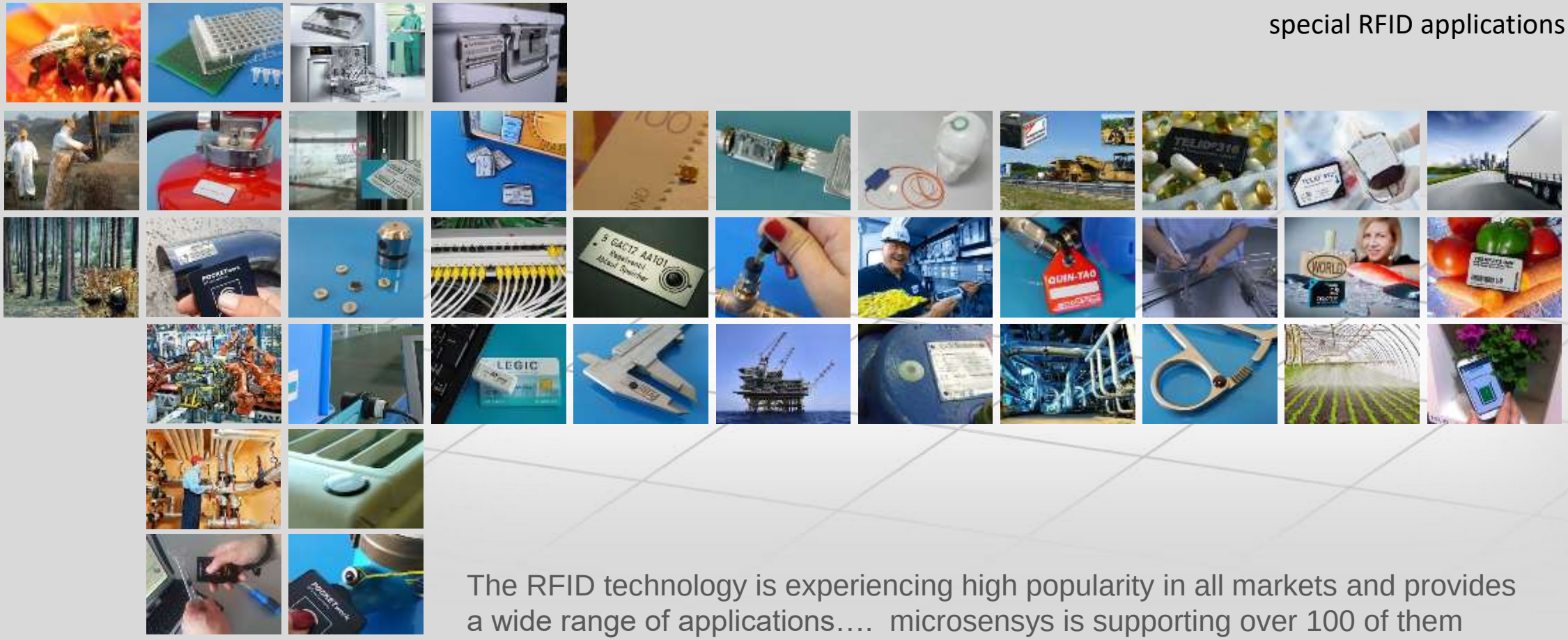
turnover history



product highlights

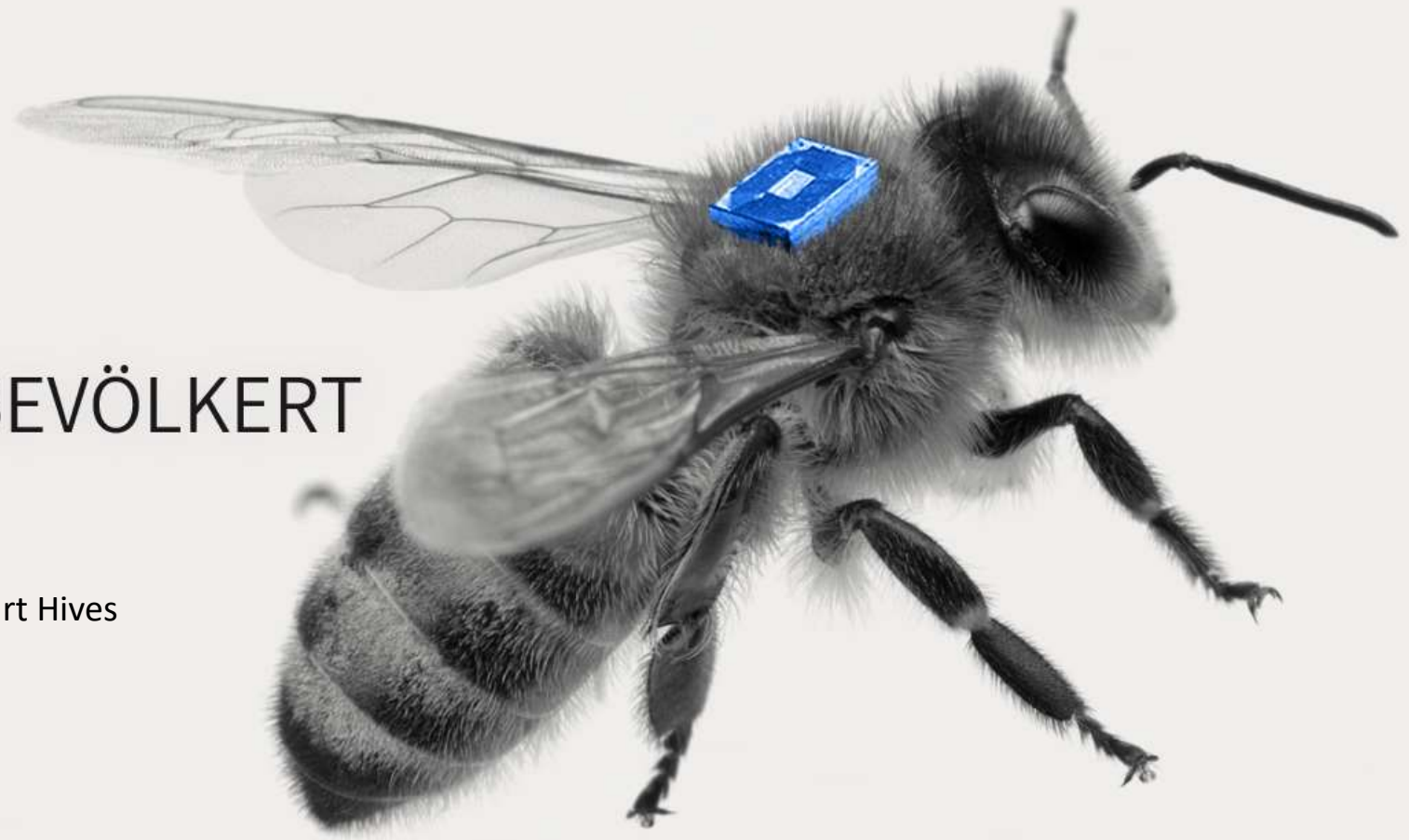
microsensys market segments and applications with original microsensys RFID products

special RFID applications



The RFID technology is experiencing high popularity in all markets and provides a wide range of applications…. microsensys is supporting over 100 of them

microsensys products and solutions



RFID FÜR KLEINTIERE
DAMIT BIENENVÖLKER BEVÖLKERT BLEIBEN

Miniatur-Transponder für die Verhaltensforschung
Sensoren, Bienenhausantennen und Gateways für Smart Hives

microsensys products and solutions

ON METAL LABELS AND RFID-POCKETS

IN MAINTENANCE PROCESSES

mobile data capturing and reliable process monitoring with passive transponders

iID Transponders *LABEL 1836*

iID Readers *POCKETmini Bluetooth*

microsensys products and solutions

ROBUST TRANSPONDERS
IN AUTOMOTIVE AND RAILWAYS

part identification and part history memory for maintenance

iID PLATE 2570 UHF
iID MINI-TAGspecial 5.0
iID PENmotion or PENsolid

microsensys products and solutions

SENSORS AND TRANSPONDERS
IN BUILDING INDUSTRY

- wireless temperature measurement in asphalt highways
- tagging of glass elements on building facades

TELID Sensors *passive temperature sensors up to 150°C*
iID Readers *industrial handhelds and quasi-stationary*
iID WIN-TAG *customized design*

microsensys products and solutions

RFID-SENSORS FOR MAINTENANCE

TELID281.3Dm

energy self-sufficient contactless 3D vibration sensor solution

TELID Sensors *passive 3D acceleration sensors*

iID Readers *iID POCKETwork*

microsensys products and solutions

SMALLEST UHF ON METAL TAGS
FOR SECURITY TOOLS

Using equipment tested to the UIAA standards is recommended for all climbers and mountaineers worldwide. Material which successfully meets UIAA standards is attributed a UIAA safety TAG.

iID MINI-TAG 4.5 UHF

iID PENsolid

microsensys products and solutions

SECURE COMPONENTS IDENTIFICATION
IN MEDICAL APPLICATIONS

traceability of medical components
and safe using of replacement parts and disposables

iID Transponders *MINI-TAGs*

iID Readers *customized RFID modules*

microsensys products and solutions

RFID-MODULES AND ADD ON DEVICES

FOR SPECIAL CUSTOMERS

mobile data capturing

iID Readers *iIDmodules in HF and UHF*

microsensys products and solutions

INDUSTRIAL RFID EQUIPMENT

SUPPORTS PASSIVE SENSORS

RFID network for HF and UHF devices

iID® CONTROLLER
iID® INDUSTRYpro8
iID® INDUSTRY0906

microsensys products and solutions

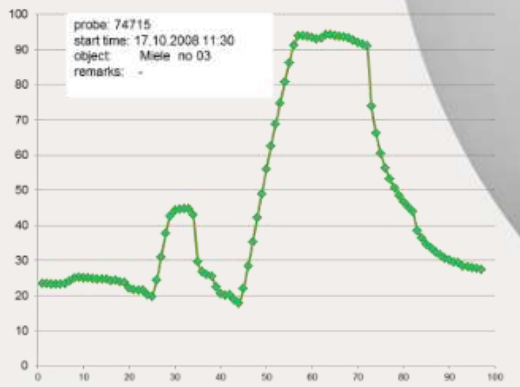
TELID-SENSOREN
FÜR EIN BESSERES LEBEN
Druckmessungen in sensiblen Bereichen.

picture: raumedic GmbH

microsensys products and solutions

RFID-SENSORIK
FÜR WOHLTEMPERIERTE GERÄTE

Sicherheit für Haushalte und Industrie



TELID Sensors

TELID311 Temperature Data Logger

microsensys products and solutions

RFID TELID LOGGER

IN TRANSPORT AND LOGISTIC

mobile data capturing for temperature, pressure, humidity and shock

microsensys products and solutions

TELID-ACTUATOR

IN CUSTOMIZED SOLUTIONS

electronic lock without any battery

microsensys patent

TELID Actuator *passive electronic lock*

iID Reader Modules *customized*

Contact

microsensys *GmbH*

In der Hochstedter Ecke 2

D 99098 Erfurt

Germany

TEL *+49 361 59874 0*

EMAIL *info@microsensys.de*

WEB *www.microsensys.de*

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