

OEM RFID part

small abc for product safety

PCB development

Our modules and components inside your products comfort you to use the best technology. We design the hard- and software until the last bit. Multiplicity of implemented projects demonstrate our long term experience in the complex area of RFID (Radio Frequency Identification).

Feel free to discuss your ideas with us, we would enjoy a cooperation with you.

field guard system

Field guard systems of TeraTron are used in narrow operating ranges where user protection has high priority e.g. in civil engineering.

Multi purpose compactor are equipped with modern RFID technology from TeraTron. If the user enters the narrow area of the running machine (1-2 mtr.), it stops automatically to avoid accidents.

anti-theft protection

TeraTron develops and manufactures intelligent solutions for theft tracing.

The non-visible transponder inside valuable goods in combination with encryption technology secures more and more companies referring to financial losses e.g. for definitely identification of plagiarism .

plagiarism check

To secure that after selling a product only released consumption items can be used leading companies use RFID technologie to create solutions to prohibit of plagiarism.

This solution protects user and products and also supports to confirm high claims of quality.

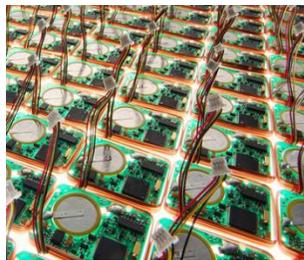
immobilizer

RFID immobilizer is standard in modern cars. In the meantime the technology is rolled out in much more segments. Forklifts, tractors and construction machines are only a few samples for the successful use of TeraTron RFID immobilizer.

access control

Traditional mechanical locking systems loose more and more on accpection. Electronical solutions have been established on the market through the safety requirements in case of loss of keys or changing users access rights.

TeraTron as RFID specialist is a full service provider from development, manufacturing and support of many named costumers in this sector.



application range

- access control
- theft protection
- personal safety
- car enabeling
- prohibit plagiarism
- finding disorient people
- life and limb guard



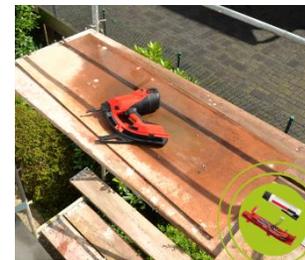
application range

- radio controlled construction machine
- production lines
- autonomous conveyor vehicle



application range

- tool
- hand klift
- tractor
- forklift



application range

- Only use of original consumable supplies in ...
- tools
 - spare parts
 - safety parts
 - cleaning machines etc.



application range

- agricultural machine
- construction machine
- forklift
- conveyor vehicle



application range

- computing centre
- server racks
- laboratory
- office- and home-buildings
- safety areas
- R&D department

TeraTron provides you:

- ✓ hard- & software development „Made in Germany“
- ✓ development, manufacturing and line production inhouse

TeraTron provides you:

- ✓ innovative OEM parts based on your specification
- ✓ support from idea to line production

TeraTron provides you:

- ✓ value adds services for your products and costumers
- ✓ development of special benefits for your products

TeraTron provides you:

- ✓ coded communication
- ✓ 100% security
- ✓ development and line production

TeraTron provides you:

- ✓ 15 years experience in RFID development
- ✓ long term, well-engineered and approved technology

TeraTron provides you:

- ✓ 100% market survey
- ✓ implementing your vision
- ✓ hard- and software development
- ✓ manufacturing



Office of TeraTron in Gummersbach ...



... with „glass“ production

It depends on inside values

OEM RFID parts – added value for your products



theft protection
 plagiarism
 access control
 field guard systems
 Immobilizer technology



- | | | |
|---------------------|--------------------------------|-----------------|
| 125Khz | know how | reader |
| 13,56Mhz | competence | RFID |
| 868MHz | cryptology | locking systems |
| active transponder | LF low frequency | key saving |
| anti-collision | Local Positioning System | line production |
| automotive industry | localizing solution | safeing |
| automatized | Made in Germany | Smart Tag |
| contactless | costumized | SMD production |
| bidirectional | sustainability | stability |
| electronic | narrow area | tracking |
| embedded | NFC technology | UHF |
| experience | OEM | USB |
| finding | localizing | encrypting |
| flexibility | product authentication | confidence |
| radio key | bulk reading | advance |
| handsfree | quality | wide range |
| HF high frequency | Radio Frequency Identification | focussed |
| high tech | | future |
| innovation | | TeraTron |
| ISO 9001 | | made in Germany |

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protecting. saving. finding. **TeraTron**