

Creating safety.  
With passion.

NewTec



# NTSecuritySolutions

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The NewTec complete package for secured components and systems

## Training Seminars

Basis seminar in order to sensitise the consciousness for security (1-day)

Security training for application of the IEC 62443 (1 day)

Workshop "Define Security Requirements for Embedded-Systems"

Individualised Customer Workshops



## Services

### Expert Services to do with the product development

- Security risk assessment
- Security requirements analysis
- Security planning
- Security concepts
- Penetration tests
- Security robustness tests
- Statistical code analysis

### Managed Services in product lifecycle

- Continuous examination of weak points due to new threats
- Continuous examination of conformity with current security standards
- Continuous maintenance of the security requirement wanted
- Incident management
- Obsolescence management for security-related system parts



## Embedded Security

Protection against sabotage attacks and external manipulation

The increasing network integration of embedded systems within the framework of IoT and Industry 4.0 also increases the susceptibility with respect to cyber threats and risks. Many components have not enough countermeasures against unauthorised access, which endangers the malfunction and manipulation security of the entire network.

Companies need to react to these threats and risks in order to protect themselves and others from manipulation, and in order to adhere with the legal provisions. This applies, in particular, to manufacturers and operators of components used in critical infrastructure such as from the areas of energy, information technology, transport/traffic and health (keyword German IT Security Act).

Ensure that your company, its systems, products and facilities enjoy the adequate security level that our expertise and experience can offer. NewTec provides you a comprehensive package of services and training seminars offers in relation to everything to do with IT security – from detailed risk assessments to design and accompanying professional security processes in accordance with IEC 62443. In this way you ensure the permanent availability of your systems and protect your business against losses in profits and reputation.

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### The benefits for you:

**Strengthening your market position**  
thanks to professional security processes and secure systems


**Ensuring your competitiveness**  
thanks to the reliable protection of sensitive data

**Protection against damage to reputation**  
thanks to avoiding production shut-downs and data protection problems

**High security competence**  
when it comes to dealing with development processes and global security standards

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NewTec is a leading design house providing customised system and product solutions in medical technology, industrial systems, automotive & transportation: NewTec provides guidance to its customers throughout the product lifecycle. The team of experts develops electronic products from the conceptual idea to industrialisation, including licensing.

Founded in 1986, NewTec looks back on more than three decades of project experience in developing complex hardware and software systems with a focus on functional safety and embedded security. NewTec aims to ensure the safety-relevant functionality of a system at all times as well as to protect embedded systems from sabotage attacks and manipulations from the outside.

Today, NewTec has more than 160 employees at five locations in Pfaffenhofen/Roth, Freiburg, Mannheim, Friedrichshafe, Bremen and Taipei/Taiwan.

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