

ENFORCE TAC

INTERNATIONAL EXHIBITION & CONFERENCE

INTUS
Elektronik GmbH 



Precision · Reliability · Mission-Ready



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One Partner. All Solutions. Turnkey EMS Excellence. 

Rugged Electronics for Defense & Security

Visual

- Military vehicles
- UAVs
- Sensors
- Communication systems
- Electronics in the field



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Who We Are

- **German EMS & Turnkey Manufacturing**
- **High-reliability electronics for demanding applications**
- **From prototype to series**

One Partner. All Solutions.



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What We Do Our Core Capabilities

- Electronics manufacturing
- Cable & system assembly
- Testing & validation
- Repair & lifecycle support
- Supply chain & logistics



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Defense & Security Focus

Built for mission-critical electronics

- Rugged environments
- Long product lifecycles
- Low failure tolerance
- Controlled and secure processes
- Full documentation & traceability



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Typical Defense Applications

- Vehicle electronics
- UAV systems
- Fire control electronics
- Radar & sensor systems
- Communication units
- Mobile command systems



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Why Defense Needs Special EMS

Defense is not standard electronics

- Extreme temperatures
- Shock & vibration
- EMC critical environments
- Long-term availability
- Obsolescence management
- Configuration control



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Standards & Compliance

- ISO 9001
- ISO 14001
- IPC-A-610
- IPC-7711 / IPC-7721
- Full traceability
- Documented production processes

ISO 9001 & ISO 14001 certified

Additional standards applied in a norm-oriented manner



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Defense Documentation

Documentation & Configuration

- Control Configuration & revision control
- Change history (ECR / ECO)
- Full unit traceability
- Audit-ready records

Standards

- AQAP 2110 / 2210
- VG 95218
- ISO 9001
- IPC-1782

ISO 9001 & ISO 14001 certified
Additional standards applied in a norm-oriented manner



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Long-Term Records

Long-Term Archiving & Retention Standards

20-40+
YEARS

- 20-40+ years retention
- Manufacturing & test records
- Material & batch tracking
- Software & firmware history
- Secure · Traceable · Compliant

- ISO 15489
- ISO 14721 (OAIS)
- EN 9100
- GoBD

ISO 9001 & ISO 14001 certified
Additional standards applied in a norm-oriented manner



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Quality & Traceability

- Serial number tracking
- Material & lot traceability
- Process documentation
- Test data per unit
- Failure analysis & CAPA



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Production Infrastructure

- SMT / THT
- Cable assembly / Final assembly
- X-Ray inspection (External)
- Burn-in
- Functional test
- End-of-line test
- Repair & rework



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From Prototype to Series

- Design support
- Prototype builds
- Qualification
- Series production
- Lifecycle support
- Repair & refurbishment



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Supply Chain & Lifecycle

- Global sourcing
- Obsolescence management
- Long-term availability
- Material risk management
- Lot & batch control



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Turnkey Capability

- Electronics
- Cables
- Assemblies
- Testing
- Packaging
- Logistics

One partner – complete systems



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Why INTUS for Defense

- German manufacturing
- Engineering driven
- High-reliability focus
- Flexible volumes
- Secure and controlled processes
- Long-term partnership mindset



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Your Manufacturing Partner

Design → Production → Lifecycle

- Reliable
- Secure
- Mission-ready



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