

# PacketRoo Series Data Diode

IT & OT Logical Separation and Reverse-Path Protection  
Secure File Transfer | Air Gap Assurance | Galvanic Isolation



## Key Benefits

- ✓ **Fool-Proof Security:** Enforce a critical air gap with full galvanic isolation, ensuring data only flows one way, eliminating the physical attack surface.
  - ✓ **Highest Safety Standards:** Strengthen security for critical infrastructure (IT & OT) and meet stringent Safety Integrity levels (SIL 3 & 4) for industrial environments
  - ✓ **Flexible, Vendor-Agnostic Integration:** Transfer data unidirectionally with a modular and vendor-agnostic solution working seamlessly with existing data diodes
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- **Designed for Criticality:** Essential for protecting IT & OT networks in critical sectors (energy, transportation, defense, manufacturing) by physically separating operational technology systems from external networks.
  - **Designed for Criticality:** The PacketRoo is available only in fixed, fully sealed configurations, reducing the risk of configuration errors and ensuring a robust solution for both civilian and military use cases.
  - **Dual Transfer Methods:** Operators can achieve secure, one-way data transfer from OT to IT using either the PacketRoo Data Diode hardware functionality or the SecureFileTransmitter software on both Windows and Linux hosts.

Learn More



Unidirectional Data Flow



Galvanic Isolation



Vendor Agnostic



Air Gap Assurance



For Harsh Environments



Automatic Speed Sync



Link Loss Detection



Error Prevention through Fixed Configuration



Windows & Linux Support