

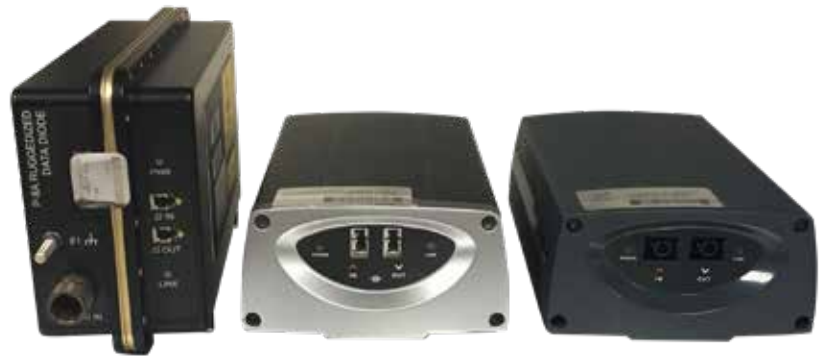
Data Diode

Maximum assurance for unidirectional throughput

Large-scale data breaches are increasing in frequency and severity, while nation-state level adversaries are posing greater risks than ever before. To mitigate these risks, BAE Systems offers the Data Diode Solution™ for one-way transfer.

The BAE Systems Data Diode is a hardware product providing the security enforcing function of a one-way transfer device. It enables the secure unidirectional transfer of data between networks by channeling data through a hardware pipeline that prevents reverse flow.

This Raise-the-Bar (RTB) compliant, one-way transfer device functions as a simple unidirectional fiber-optic repeater. The signal received via the IN port on the data diode is retransmitted via the OUT port. Electronic components within the unit ensure that signals can pass only from input to output.



Solutions include enterprise and tactical hardware options.



Data Diode specifications	
Diode throughput	Enterprise: 100Mb, 1Gb, 10Gb Tactical: 100Mb, 1Gb
Dimensions	Enterprise: 2.5 (H) x 4.5 (W) x 6.5 (L) in. Tactical: 5.0 (H) x 3.0 (W) x 8.0 (L) in.
Weight	Enterprise: 2.0 lbs Tactical: 3.5 lbs
Temperature	Operating: 5°C to 40°C Storage: -20°C to 70°C
Humidity	Operating: 10% to 90% non-condensing Storage: 10% to 95% non-condensing

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