



(U) LEGAL NOTICE: THIS PUBLICATION HAS BEEN PRODUCED BY THE DEFENCE SIGNALS DIRECTORATE (DSD), ALSO KNOWN AS THE AUSTRALIAN SIGNALS DIRECTORATE (ASD). ALL REFERENCES TO ASD SHOULD BE TAKEN TO BE REFERENCES TO DSD.

BAE INTERACTIVE LINK DATA DIODES

Product Description

1. The BAE Interactive Link Data Diode Devices provide a mechanism to ensure that high-speed optical communication signals will be permitted to pass in one direction only. Data diodes are typically used to prevent information leakage from networks requiring incoming data transmissions.
2. The devices have an optical fibre input and output, and an external power supply.

Evaluation Summary

3. ASD High Assurance evaluations examine all aspects of a product to determine whether they are suitable for protecting Australian Government classified information.

ASD's Findings and Recommendations

4. ASD has performed High Assurance evaluations on the products, resulting in the awarding of a High Assurance certification.
5. This High Assurance certification applies to the BAE Interactive Link Data Diode Devices listed below.

Part Number	Size	Certification Year
2396DG00001-A	10Gb	2014
FID003-3.3	1Gb	2011
FID003-1.2	100Mb	2002

6. Certification for later versions (that is, for different product part numbers) will require an additional and separate ASD 'delta' High Assurance evaluation.



7. When purchased for use as a High Assurance product, users should be aware of the particular delivery requirements associated with High Assurance products. For example, tamper-evident packaging seals and tamper-evident device seals must be closely examined upon receipt of the product.
8. Potential users of the device should note that the software and external components needed to operate the devices in a meaningful manner were not within the scope of the ASD High Assurance evaluation. Therefore, the devices, in isolation, does not constitute a complete Cross Domain Solution.
9. When used as part of a larger system, such as a Cross Domain Solution, the data diode devices may be a suitable component, but the remainder of the system will still need to be evaluated and accredited separately.
10. Recommendations given in this consumer guide take precedence over those in the Australian Government Information Security Manual where there is a conflict.

Information Security Manual

11. The advice given in this document is in accordance with the *2014 Australian Government Information Security Manual*. Australian government agencies are reminded to periodically check the latest release date of the ISM at <http://www.asd.gov.au/infosec/ism/index.htm>.

Consumer Guide

12. This Consumer Guide was issued on 16 July 2014.

Contact Details

Australian government customers with questions regarding this advice should contact ASD Advice and Assistance at asd.assist@defence.gov.au or by calling 1300 CYBER1 (1300 292 371).

(U) LEGAL WARNING: ALL DOCUMENTS ORIGINATING WITH OR RECEIVED FROM DSD, ALSO KNOWN AS ASD, ARE EXEMPT UNDER SECTION 7(2A) OF THE *FREEDOM OF INFORMATION (FOI) ACT 1982*. THIS EXEMPTION EXTENDS TO DOCUMENTS THAT CONTAIN SUMMARIES OF A DSD, ALSO KNOWN AS ASD, DOCUMENT OR EXTRACTS FROM SUCH A DOCUMENT. DSD, ALSO KNOWN AS ASD, MUST BE CONSULTED PRIOR TO THE RELEASE OF ANY SUCH INFORMATION UNDER AN FOI REQUEST.