



Transport  
for NSW

Intelligent Transport Systems

# Type Approval

<b>Certificate No:</b>	<b>ITS-TAN000120</b>
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Issued to:

**Dataplex P/L**

For:

<b>Device Type</b>	<b>DPX-400-SxD ADSL Router for SCATS® communications</b>		
<b>TfNSW Specification:</b>	<b>TSI-SP-018</b>	<b>Version:</b>	<b>4.0</b>

Summary Scope:

ADSL Router for SCATS® communications

<b>Evaluation Reference:</b>	<b>ITS-EV0230</b>	<b>Approver</b>	<b>Manager TSI</b>
<b>Approver Signature:</b>	<i>Raj J Roychoudhry</i>	<b>Date</b>	<b>30<sup>th</sup> March 2021</b>

## A) Description and itemisation of the equipment covered by the type approval:

### Hardware

DPX-400-SxD

### Firmware

V.57

## B) Summary of conceded deviations from specified requirements

### Note regarding specification TSI-SP-018 v4.0

It should be noted that the specification was originally prepared in 2005 and has been updated several times since. However, it currently still contains several requirements which, although they were reasonable in 2005, are nevertheless no longer applicable in the communications environment of the current era, or may refer to specifications/standards now obsolete/superseded.

- CI.5.1.1h Management facilities comply with intent. Acceptable.
- CI.5.1.3 Password supports up to 16 characters and symbols. Acceptable.
- CI.5.2.4.1 Remote firmware upgrade facility acceptable since this is now industry standard practice. Acceptable.
- CI.5.2.4.3 No remote loopback facility is provided. This requirement is not appropriate and will be deleted from future specification issues. Acceptable.
- CI.5.2.4.4h Some PPP tests not supported. These appear to *not* be industry standard tests. Acceptable.
- CI.5.2.4.5 Local clearing of syslog not supported. Acceptable.
- CI.5.2.4.6 Comprehensive DoS attack logs supported with configurable threshold. Acceptable.
- CI.5.2.5.1 Router management can be configured for port 8080 and port 80 blocked. Acceptable.
- CI.5.2.5.2b Several access control policy requirements implemented differently to specification but comply with intent. Acceptable.
- CI.5.3.1 External dimensions exceed those in specification but have proven to be acceptable in practice.
- CI.5.4.1 Equipment operating voltage complies with that quoted in the applicable Australian Standard AS60038 whereas the specification requirement exceeds that. Acceptable.
- CI.5.5.3(a) Equipment complies with relevant clauses of AS/NZS 61000.6.1 and IEC 61000-4-5 as contained in AS CISPR 24. Acceptable. The clause will be rewritten in future specification issues.
- CI.5.5.3(b) Equipment complies with relevant clauses of IEC 61000-4-5 as contained in AS CISPR 24. Acceptable. The clause will be rewritten in future specification issues.

## C) Conditions of use

Nil

## D) Related Certification History.

Certificate #	Issued	EV#	Description or change details
ITS-TAN000120	31/03/2021	0230	Original