



# Product Type Approval Certificate

## *Full Approval*

This certificate is issued to:


<b>Supplier name and address:</b>	CISCO 170 West Tasman Drive San Jose, CA 95134 USA
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In respect of:

<b>Manufacturer:</b>	CISCO
<b>Place of manufacture:</b>	Mexico
<b>Product description:</b>	CISCO Firepower FPR2130 Firewall as components listed in Annexure 1
<b>Use approved for:</b>	<ul style="list-style-type: none"><li>• Only for control systems</li><li>• Usage in accordance with TfNSW standards and RIM's operational standards</li></ul>
<b>Conditions of approval:</b>	<p>This certificate is based on compliance with the following conditions:</p> <ol style="list-style-type: none"><li>1. The manufacturer and maintenance TAO are to regularly monitor and liaise regarding cyber security issues. Taking action as required to maintain the overall safety and reliability of the installed infrastructure.</li><li>2. Conclusion about the suitability for use under any other circumstances are not made. Reliance on this approval by any other organisation is done so entirely at that organisation's own risk.</li><li>3. The supplier or manufacturer must advise TfNSW AMB of any changes made to the product or system which may alter its identification, performance characteristics, form, fit or processes required for correct usage so that this approval can be revised or reviewed.</li><li>4. This type approval is based on the "ODS2000152 Type Approval Submission Report for Cisco Firepower FPR2130 Firewall, Operational Distribution System</li></ol>

	<p>(ODS), Change Report: NIRST030 v1.0" and supporting documents.</p> <p>5. The design recommendations listed in the "ODS2000152 Type Approval Submission Report for Cisco Firepower FPR2130 Firewall, Operational Distribution System (ODS), Change Report: NIRST030 v1.0" should be considered for the product implementation.</p> <p>6. This type approval is a generic product type approval. In order to use the type approved product at any operational site or within any operational system, project should produce site-specific system safety assurance reports, which should be based on the site-specific requirements, hazards and conditions.</p>
<b>Limitations:</b>	N/A

## Evaluating rail transport operator

<b>Name:</b>	Andrew Gardner
<b>Position:</b>	Director Signals and Control Systems Engineering Asset Management Branch, Transport for NSW
<b>Signature:</b>	
<b>Date:</b>	24/05/23

**Product approval pack reference number:** fA14305667

## Annexure 1 Items for Type Approval

Component	Component Description	Component Type
FPR2130-ASA-K9	Cisco Firepower 2130 ASA appliance 1 RU with one network module bay Chassis	Chassis
FPR2K-FAN	Fan tray for the Firepower 2130 and 2140	Fan Module
FPR2K-PWR-AC-400	400 W AC power supply PSU1	Power Supply Module
FPR2K-SSD200	SSD for Firepower 2130 and 2140	Storage Drive
FPR2K-SSD-BBLKD	SSD slot carrier	Storage drive sled/mount
FPR2K-NM-8X1G	8-port 1-Gb SFP network module	Network Module

RJ45F	RJ45 socket connector	Conversion module
SFP-10G-SR	10GBASE-SR SFP+ 850nm 300m DOM duplex LC MMF transceiver module	Network Module
SFP-10G-LRM	10GBASE-LRM SFP+ 1310nm 220m DOM duplex LC MMF/SMF transceiver module	Network Module
SFP-10G-LR	10GBASE-LR SFP+ 1310nm 10km DOM Duplex LC SMF Optical Transceiver Module	Network Module
GLC-EX-SMD	1000BASE-EX SFP 1310nm 40km Industrial DOM Duplex LC SMF transceiver module	Network Module
GLC-LH-SMD	1000BASE-LX/LH SFP 1310nm 10km Industrial DOM Duplex LC MMF/SMF transceiver module	Network Module
GLC-SX-MMD	1000BASE-SX SFP 850nm 550m DOM Duplex LC MMF transceiver module	Network Module
GLC-T	1000BASE-T SFP Copper RJ-45 100m transceiver module	Network Module
SF-ASA-X-9.16	ASA IOS XE for FPR2130 - version 9.16	Embedded Operating System / Firmware
ASA-ANYCONN-CSD-K9	AnyConnect VPN Client & Security	Virtual Private Network Software (Server)
ASA-VPNCLNT-K9	AnyConnect VPN Client & Security	Virtual Private Network Software (client)
SF-FP6.3-K9	Cisco Firepower Services Software - version 6.3	Embedded Software
F5-VMW-10-SW-K9	Firesight management centre	Management Software
ASDM -7.16	Adaptive Security Device Manager - version 7.16	Management Software