

Product Type Approval Certificate

Provisional and Restricted

This certificate is issued to:

Supplier name and address:	Siemens 160 Herrings Road Macquarie Park NSW 2113
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In respect of:

Manufacturer:	Siemens
Place of manufacture:	Sydney, Australia
Product description:	Siemens Trackside System as defined in the type approval report "Type Approval Report Siemens Trackside Version 1.0". <ol style="list-style-type: none"> 1. Generic architecture – section 2 2. System Configuration – section 3 3. Trackside Subsystem Requirements, Interfaces and Verification - section 4
Use approved for:	<ol style="list-style-type: none"> 1. To be used only for the purposes of Trackside Site Acceptance Testing and System Integration Testing configuration 0.3A under track possession arrangements.
Conditions of approval:	<ol style="list-style-type: none"> 1. This product type approval is based on the type approval report "Type Approval Report Siemens Trackside Version 1.0". 2. This is a generic product type approval. The suitability of the type approved product for the proposed site specific application must be assessed as detailed below using applicable TfNSW TAO framework and TfNSW standards. <ol style="list-style-type: none"> a. Configuration specific cyber security assessment and controls b. Configuration specific hazards and their mitigations c. Site or application specific requirements and interfaces d. Other systems or products require for the site or application specific implementation. 3. This type approval is based on the progressive assurance artefacts. Not all requirements and interfaces are fully implemented and assured at this point in time. Therefore, the site-specific application must include assessment for usage of unassured functions and interfaces.

	<ol style="list-style-type: none"> 4. Usage of type approved product must be in accordance with TfNSW standards, the RIM's operational standards and procedures, the manufacturer's specifications and the product conditions set by TfNSW AMB. 5. Conclusions about suitability for use under conditions other than what is specified in this approval are not made. Reliance on this approval by any other organisation other than TfNSW is entirely at that organisation's own risk. 6. The vendor or Asset Steward O&M must advise TfNSW AMB of any changes made to the product as soon as possible which may alter its identification, performance or functional or interface or maintenance characteristics, risks and assurance, form, fit, or processes required for correct usage so that this approval can be reviewed. 7. The cyber security of the type approved product and overall system with the proposed site specific configuration must be assessed and comply with all requirements mandated in applicable legislations, regulations and TfNSW standards. 8. The vendor and Asset Steward O&M must maintain and update the cyber security mitigations against the changing asset configurations and identified vulnerabilities as mandated in applicable legislations, regulations and TfNSW standards. 9. DSP to review any risks associated with the register of open issues and implement suitable mitigations against those risks.
Limitations:	<ol style="list-style-type: none"> 1. This product must not be used for the revenue service. 2. This product must not be used outside of the First Deployment Area (FDA) as detailed in the type approval report "Type Approval Report Siemens Trackside Version 1.0".

Evaluating rail transport operator

Name:	Rocky Tsang
Position:	A/Director Signals and Control Systems Asset Management Branch Safety, Environment, Regulation
Signature:	
Date:	03/09/2024

Product approval pack reference number: fA16111605