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Táto technická normalizačná informácia obsahuje anglickú verziu CLC/TR 50624:2014.
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TECHNICAL REPORT

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# CLC/TR 50624

June 2014

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English Version

# Railway applications - Functional Interface Specification - Pantograph System

Applications ferroviaires - Spécification d'interface fonctionnelle - Système de pantographe

To be completed

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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## Foreword

This document (CLC/TR 50624:2014) has been prepared by WG15 of CLC/TC 9X "Electrical and electronic applications for railways".

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## 1 Scope

This Technical Report is covering the description of the pantograph system and the functional interface between the pantograph system itself and the TCMS, including the context of multiple units.

The pantograph system contains the pantograph and the pantograph control. The internal interface between pantograph and pantograph control is not in the scope of this document.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50367, *Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead line (to achieve free access)*

EN 61131-3:2013, *Programmable controllers - Part 3: Programming languages (IEC 61131-3:2013)*

UIC 556, *Information transmission in the train (train-bus)*