

DIN CEN ISO/TR 19175:2026-07 (E)

Geographic information - Gap analysis of geospatial standards for indoor-outdoor seamless navigation (ISO/TR 19175:2025); English version CEN ISO/TR 19175:2025

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms, definitions and abbreviated terms		1
3.1 Terms and definitions.....		1
3.2 Abbreviated terms.....		3
4 Indoor-outdoor seamless navigation		4
4.1 Overview.....		4
4.2 Indoor navigation.....		4
4.3 Issues for indoor-outdoor seamless navigation.....		5
4.4 Requirements for indoor-outdoor seamless navigation.....		5
5 Conceptual architecture for indoor-outdoor seamless navigation		6
5.1 Overview.....		6
5.2 Use case development.....		7
6 Gap analysis		10
6.1 Overview.....		10
6.2 Indoor-Outdoor Map Specification for Indoor-Outdoor Navigation.....		11
6.3 Guide for the integration of indoor and outdoor data for indoor-outdoor navigation.....		12
6.4 Data Model of Indoor-Outdoor Positioning References.....		12
6.5 Guide for context information exchange for indoor-outdoor seamless navigation.....		13
7 Applications examples of indoor-outdoor seamless navigation		13
8 Summary and Recommendation		14
Bibliography		15