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Hyperloop Systems Aspects - Reference Architecture

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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English version

## Hyperloop Systems Aspects - Reference Architecture

Aspects des systèmes Hyperloop - Architecture de  
référence

Hyperloop-Systemaspekte - Referenzbauweise

This European Standard was approved by CEN on 15 April 2024.

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**EN 17930:2024 (E)**

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## **European foreword**

This document (EN 17930:2024) has been prepared by Technical Committee CEN/CLC/JTC 20 “Hyperloop systems”, the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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**EN 17930:2024 (E)****Introduction**

This document defines the reference architecture of the hyperloop system, its subsystems and interfaces.

The main purpose is to develop a functional architecture for this novel mode of transportation that can be used by any parties participating in the development of the different aspects of a hyperloop system.

## **1 Scope**

This document specifies the reference architecture for a hyperloop system. It specifies the functions of each (sub)system classifying them in different functional blocks, their different possible implementations, and highlights the interactions between them.

The interfaces of the transportation system based on interactions are listed, whether it be internal interfaces or exterior interfaces. The characterization considers the technical as well as operational features of the transport service.

## **2 Normative references**

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**