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# IoT - La digitalizzazione nel settore ferroviario

N.Mazzino, V.P.Digital Railways and Innovative Technologies A.Trombetta, V.P. Portfolio, Business Development and Innovation

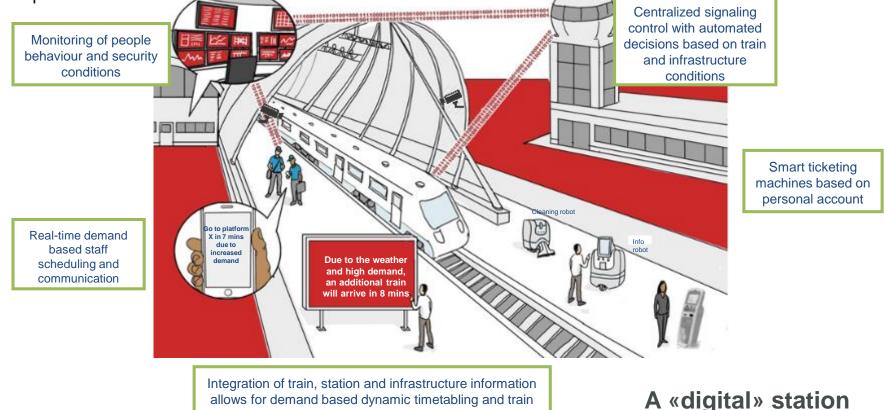
# Digitization, digitalization and.. Ansaldo STS

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digital transformation

These terms are often used as synonims but they indeed have a different meaning and span

- Digitization is transformation in digital format of paper documents, signals, and data
- Digitalization is the transformation of processes, functions and activities based on the availability of digital data
- Digital transformation is the overall effect of the digitalization on the business/customers/activities of a company or systems leading to a new definition of business models/operating procedures/ manufacturing processes



schedule adjustment

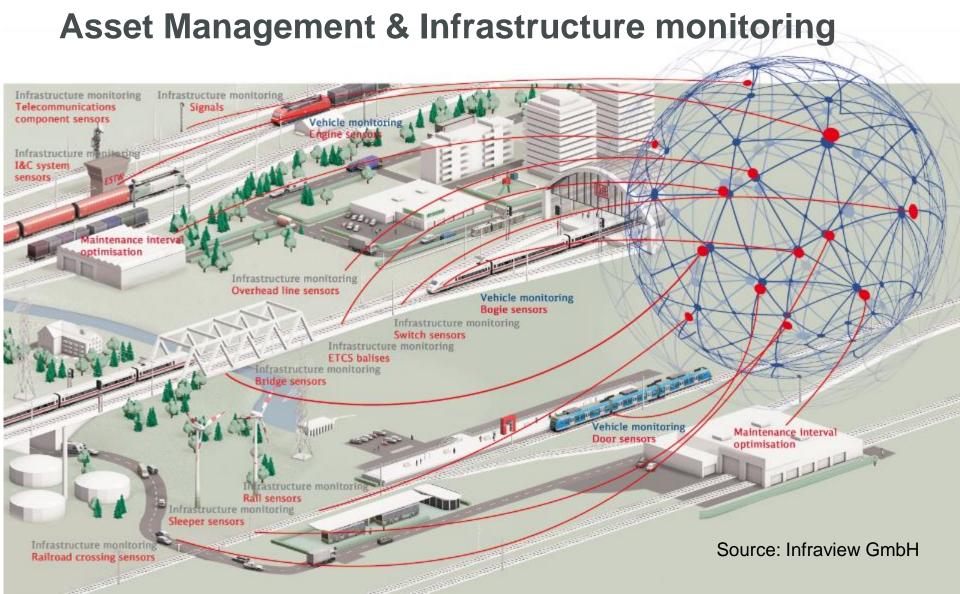
### **Dynamic Headway**

Congestion monitoring, human flow and demand forecast enable dynamic train operation according to the real-time demand captured by several sensors



\*AFC: Automated Fare Collection

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## Thanks for your attention