


# Russian Railways Digital Technologies Center : Hub of Digital Services for Customers



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**Digital Railway** is a comprehensive transformation program to modernize the Russian rail industry with digital technologies

**DIGITAL RAILWAY  
FOR CUSTOMERS**



**MORE PERSONAL SERVICES**

Ease of use                      **Mobile  
Apps**

**DIGITAL RAILWAY  
FOR RUSSIAN RAILWAYS**



**MORE CUSTOMERS**

Efficiency                      **Intelligent  
systems and  
infrastructure**

Optimization

## CENTRALISED RAILWAY MANAGEMENT



### FREIGHT TRANSPORTATION



### PASSENGER TRANSPORTATION



CROSS-BORDER COOPERATION



### STATION



### TOURIST SERVICES



### OPERATION AND MAINTENANCE OF RAILWAY INFRASTRUCTURE



### INTERACTION WITH AUTHORITIES





**TRIP  
PLANNING**



**TICKET PURCHASE**



**STATION SERVICES**



**ON-BOARD SERVICES**



**MULTIMODAL  
TRANSPROTATION**

## INNOVATIVE MOBILITY

The diagram illustrates a central user interface on a tablet. The tablet screen shows a grid of service icons. Lines radiate from the tablet to a larger set of icons on the right, which include: a Wi-Fi symbol, a house with a Wi-Fi symbol, a taxi icon, a train icon, a calendar icon with the number '15', a document icon, and an airplane icon. This represents a comprehensive digital mobility ecosystem.



CARGO



CONTRACT



WAREHOUSE



TRANSPROTATION



CUSTOM



MULTIMODAL  
TRANSPROTATION

## DIGITAL SERVICES





PREDICTIVE  
ANALYTICS



INFRASTRUCTURE  
MODELING

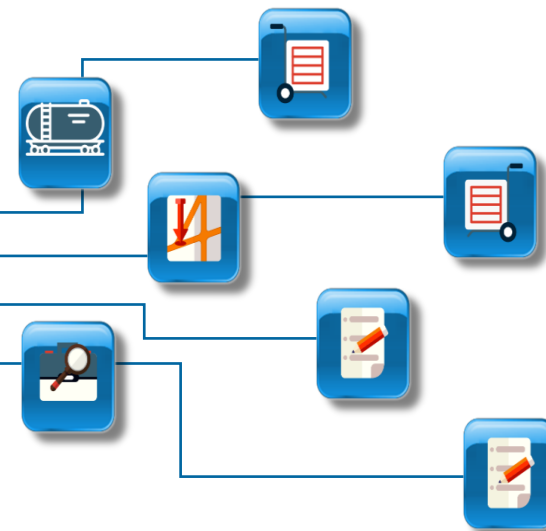


CUSTOMER  
E-RELATIONSHIP



INFRASTRUCTURE  
PLM

## INTELLIGENT SYSTEMS AND INFRASTRUCTURE





**BIG  
DATA**



**INDUSTRIAL  
INTERNET OF  
THINGS**



**HI-SPEED  
DATA  
NETWORKS**



**MOBILE  
APPS**



**INTELLIGENT  
SYSTEMS**



## **THE RUSSIAN RAILWAYS DIGITAL TECHNOLOGIES CENTER (RRDTC)**

is a hub of excellence and innovations in digital technologies



### ***The RRDTC:***

- Integrates initiatives and projects of Digital Railway
- Develops expertise in key technologies of Digital Railway
- Creates digital services for customers
- Builds bridges between innovation startups and Russian Railways