

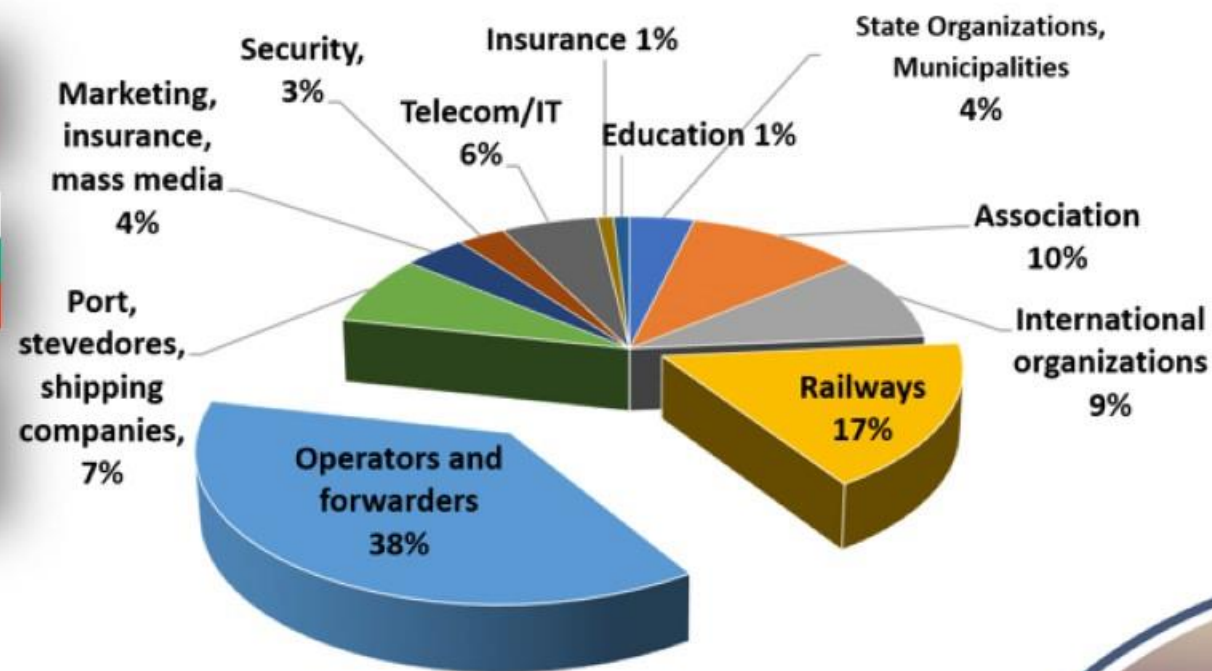


# «CCTT practices and Initiatives aimed at increasing the security of cargoes carried in containers by rail»

*Deputy Secretary General, CCTT*

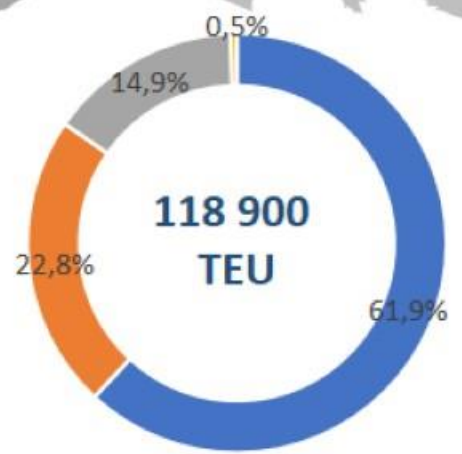
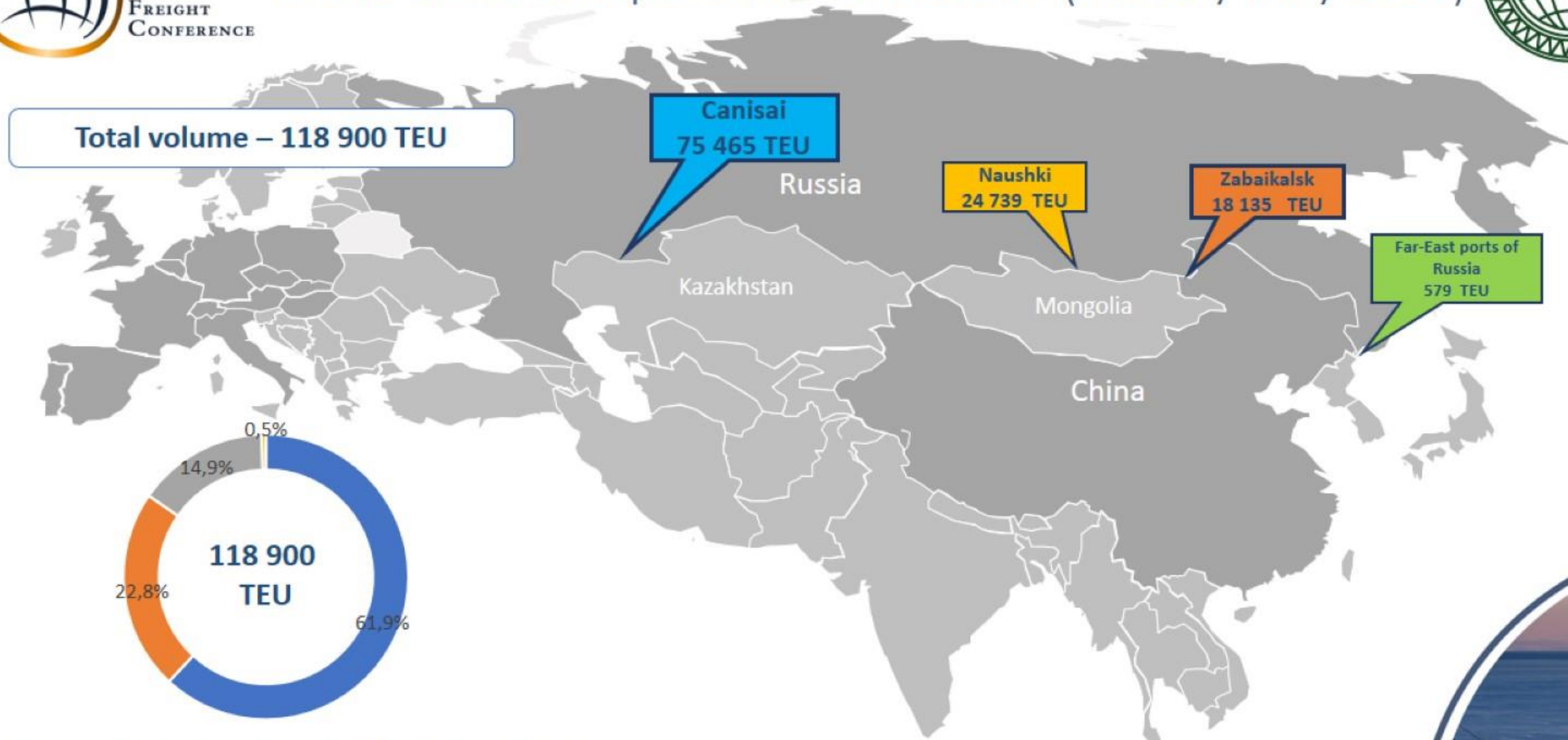
**Natalia Stepanova**

# International Coordinating Council on Trans-Eurasian Transportation





# The volume of railway container transportation in the China-Europe-China connection (January-May 2018)



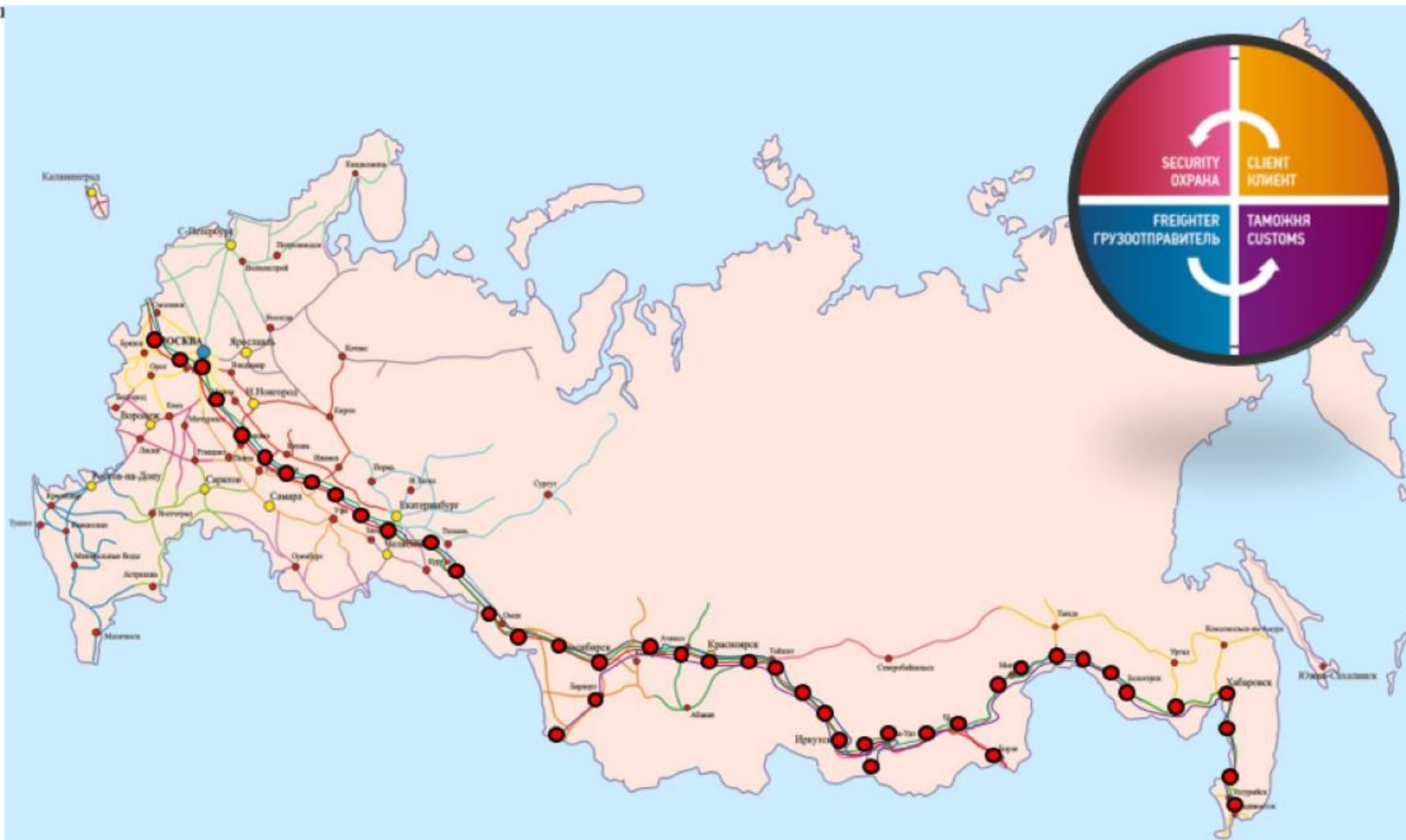
■ Canisai ■ Naushki ■ Zabaikalsk ■ Far-East ports of Russia

Source: UTLC ERA

26-28 June 2018, Genoa, Italy



# Rail routes of container trains escort: E-Seal System

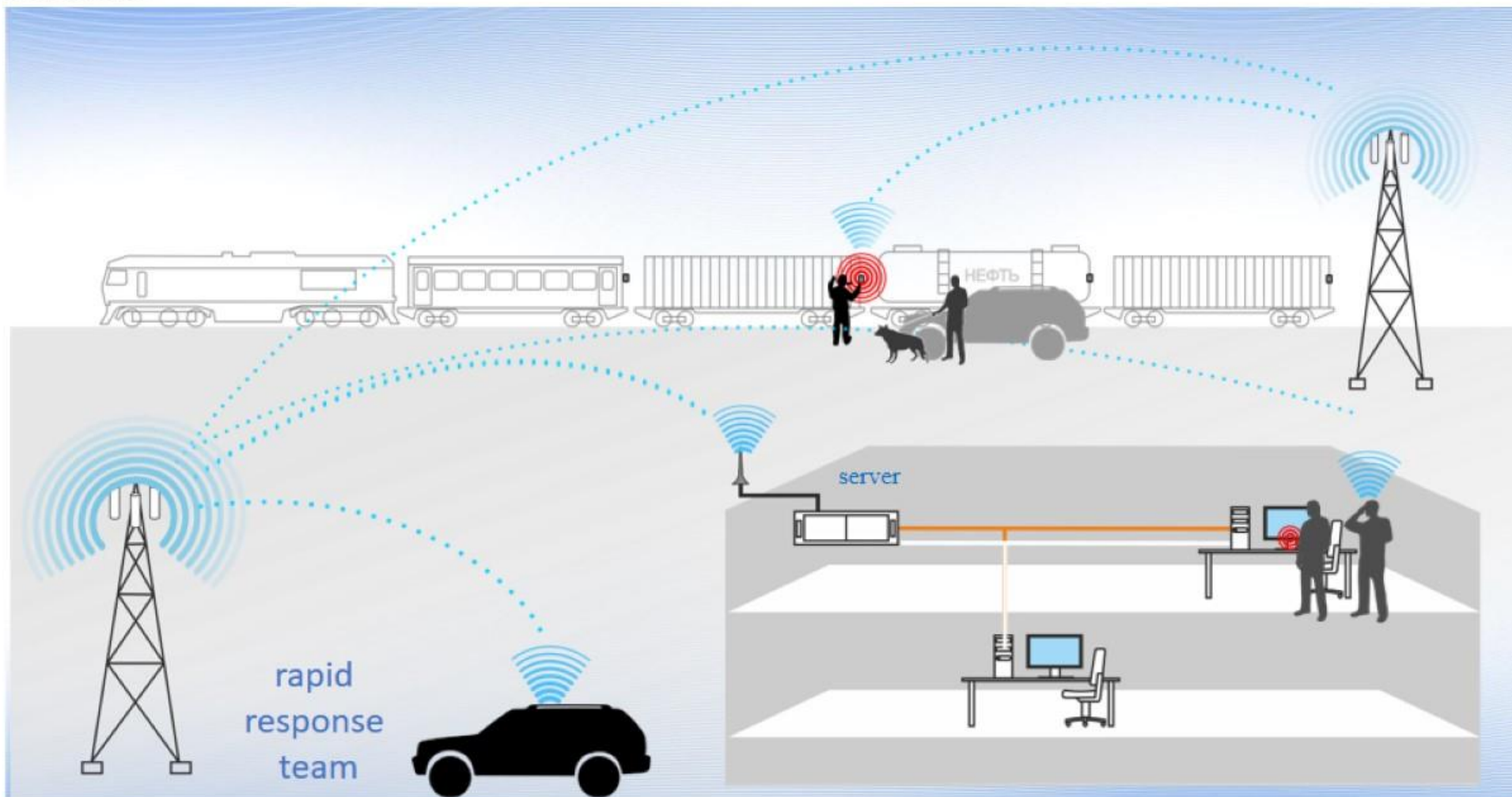


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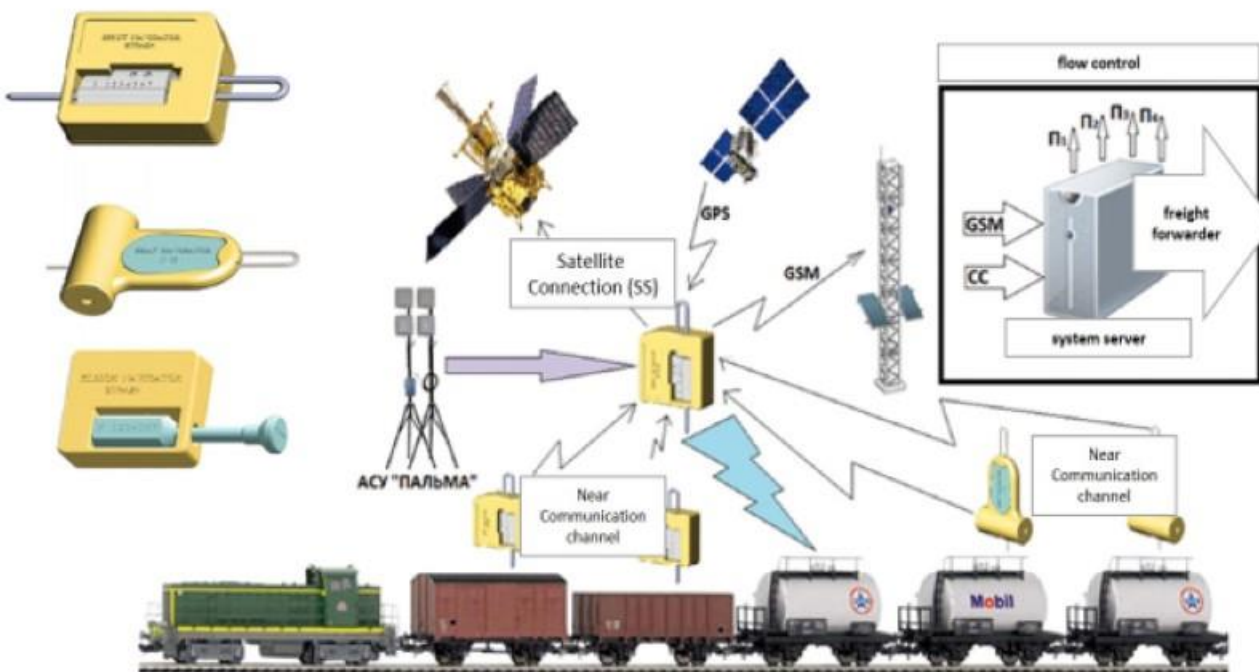
# Electronic Devices and Rapid Response Teams Operation



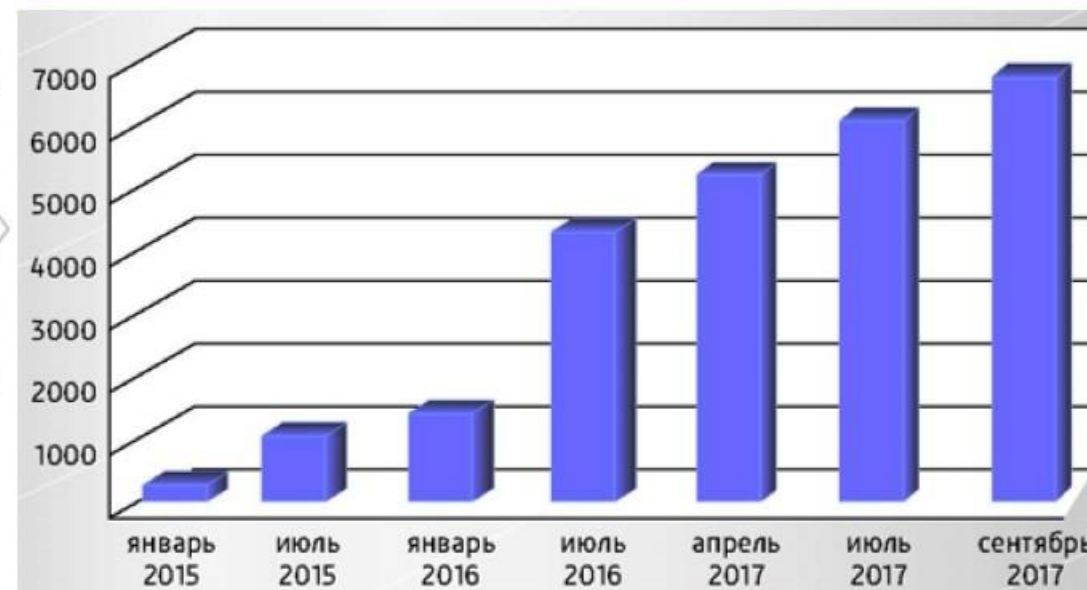
# Intelligent Electronic Lock and Seal Device



Performs the functions of a mechanical locking and sealing device and provides real-time monitoring of the location, condition of mechanical locking and sealing device, cargo and vehicle



Dynamics of the rolling stock sealing with electronic seals "BIG LOCK"



26-28 June 2018, Genoa, Italy

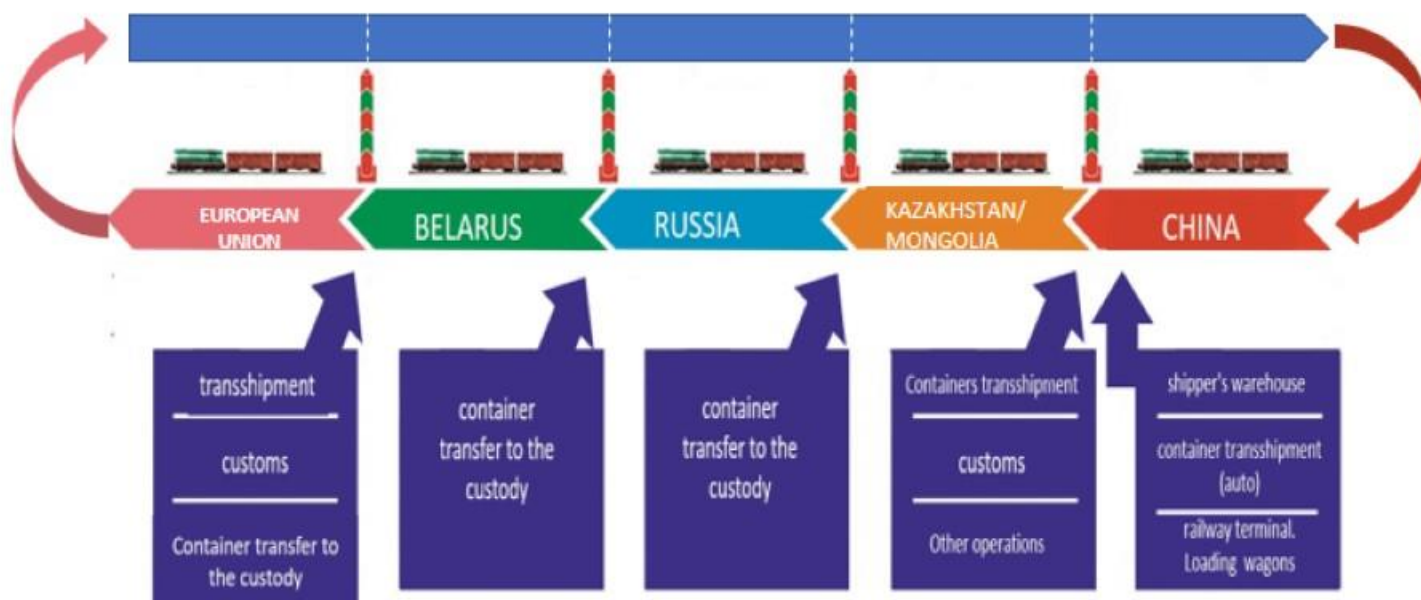




# Main technological operations when transporting containers and benefits from the use of e-seals



## Main technological operations



## Benefits from the use of an electronic seals

- Reduction of cargo delivery time in the accelerated container trains for 5 days or by 34%
- Increase of delivery speed at 304.1 km/day or by 35%;
- Reduction of costs for ensuring the safety of cargo on the route (security group responds to an alarm signal in case of violation of the container integrity);
- Reduction of the insurance cost when using an electronic seal by 5-7%;
- Acceleration of the turnover of working capital.





# THANK YOU FOR YOUR ATTENTION

26-28 June 2018, Genoa, Italy

