



**MINISTRY OF TRANSPORT OF
THE RUSSIAN FEDERATION**

Innovative technologies in rail freight transportations on the basis of IT-technologies in the Russian Federation

Sergey Aristov
State-secretary – deputy Minister



Nowadays advanced transportation technologies, information and telecommunication systems and satellite technology are actively implemented in the transport sector of the Russian Federation

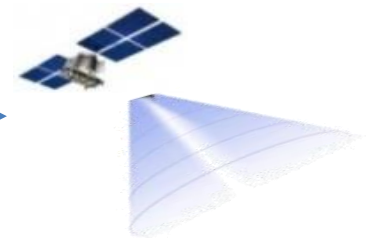
**Intelligent
Transportation
Control System**

Integrated planning and the current regulation of the railway sector activities



**Intelligent
Carriage
Control System**

Unified hardware and software system, which integrates digital communications GSM-R, satellite navigation system GLONASS, and subsystems «Avtodispatcher» and «Avtomashinist»



**Electronic flow
of documents
of primary
accounting records**

The implementation of electronic flow of documents from the moment of shipper's request registration, invoice and other supporting carriage documents to the moment of the goods delivery to the recipient



Database



37%

of rail carriage documents issued in accordance with international rules through the usage of the SMGS consignment note or the common CIM/SMGS consignment note in 2015

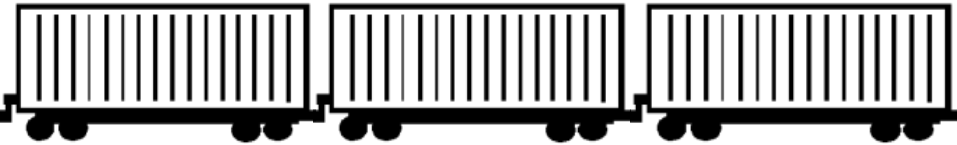




The arrangement of cross-border rail transportations in the Russian Federation by completion carriage documents in electronic form

Project

Transportation of export goods outside the Customs Union only via electronic transportation documents in cooperation with the Russian Federal Customs Service, Federal Tax Service of Russia and other federal agencies



Project

Transportation of carriages via SMGS electronic transportation documents through the transit corridor

1 Оригинал накладной (для получателя) 29 Отправка №

Накладная СМГС ОАО «РЖД»	1 Отправитель	2 Станция отправления
	Получатель	3 Заключен отправителем
	4 Получатель	
	5 Станция назначения	
6 Перевозимая станция пересечения		7 Видов
		8 9 10 11 12
		13 Масса груза
14 Наименование груза		15 Вид упаковки
		16 Масса (в кг)
		17 Платежи
		18
21 Уплата процентов платежей		22
24 Документы, прилагаемые отправителем		



Device application «Active Passenger»

Advantages:

- Evaluation of the quality of services provided in trains and at stations
- Public opinion pool
- Passenger Loyalty Programs
- Special Offers



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Thank you for attention!