Development of Electronic Document Management Within JSC “Russian Railways” in the Organization of Transboundary Transportation

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November 30, 2016
All stations of JSC “Russian Railways” open for freight transportation operations (more than 3,700) are connected to digital signature infrastructure

More than 7,500 third-party businesses and 83,000 users work in the ETRAN system using digital signature

Number of RZD’s agents that execute documents using digital signature – more than 9,000 people

About 1,400,000 carriage and other documents are executed using digital signature (monthly average)
Projects implementation of electronic document management in freight transportation

EDI is implemented

Prospects

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Target Model of Electronic Document Management for the e-Train Pilot Project

Supervisory government authorities of the countries involved in transportation

EDI System

IFTMIN (waybill)

IFCSUM (train message)

INVOIC (invoice)

IFTMIN (packing list)

PRC Railways
Perimeter of paperless technology in the organization of export freight transportation in cooperation with FEB (Federal Customs Service, Federal Tax Service, Ministry of Transport of the Russian Federation)

Project steps

- Exchange of the electronic registers of carriage documents between RZD and FTS – October 2015
- Exchange of the electronic notes of customs authorities between RZD and FCS – December 2015
- Exchange of electronic waybills containing the electronic notes of customs authorities between RZD and FTS – quarter 4 of 2016
- Report to the Government of the Russian Federation, resolution on legislative framework amendment, replication throughout the application perimeter – quarter 4 of 2016
Plan of RZD electronic interaction with the FCS of Russia and the FTS of Russia in 2015–2016

The principal goal of RZD’s interaction with the FCS of Russia and the FTS of Russia is the organization of export cargo transport in electronic format, as well as confirmation by carrier and exporters of the right to VAT 0% rate in electronic form

Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Date</th>
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<tr>
<td>Approval of the plan of action for conducting an experiment with respect to compliance with Article 165 of the Tax Code of the Russian Federation within the Government of the Russian Federation</td>
<td>March 2015</td>
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<tr>
<td>Approval of the formats of electronic notes of customs authorities concerning the release and export of goods and electronic waybills from the FCS of Russia and the FTS of Russia</td>
<td>June 2015</td>
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<td>Amendment of regulatory documents and software refinement</td>
<td>November 2015</td>
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<tr>
<td>Exchange of the electronic notes of customs authorities between RZD and the FCS of Russia</td>
<td>December 2015</td>
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<tr>
<td>Exchange of electronic waybills and the electronic notes of customs authorities between RZD” and the FTS of Russia upon request</td>
<td>quarter 4 of 2016</td>
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<td>Report to the Government of the Russian Federation, resolution on legislative framework amendment</td>
<td>December 2016</td>
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<td>Replication countrywide</td>
<td>quarters 3 and 4 of 2017</td>
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<td>Launch of a pilot project which has the status of the Russian Federation government’s instruction concerning cargo import and transit by ED’s with DS</td>
<td>quarter 1 of 2017</td>
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Project for the transportation of cars by electronic documents on the route Russia (Kaliningrad) – Lithuania – Belarus – Russia

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Level of development of EDs with DS with adjacent railway administrations

1. EDI agreement execution
2. Centralized IS shaping
3. Infrastructure development of the EDs with DS
4. Transportation of empty wagons by EDs with DS with adjacent railways
5. Domestic transportation by EDs with DS
6. Transportation of goods in cars by EDs with DS with adjacent railways
7. Electronic interaction with supervisory government authorities

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Organizational structure of RZD’s Project Office for Freight Transportation Digitization
Thank you for your attention!