



**ADMINISTRATIVE COMMITTEE
FOR THE TIR CONVENTION, 1975**

TIR Executive Board (TIRExB)

(Thirty-ninth session, 17 and 18 March 2009,
agenda item 8)

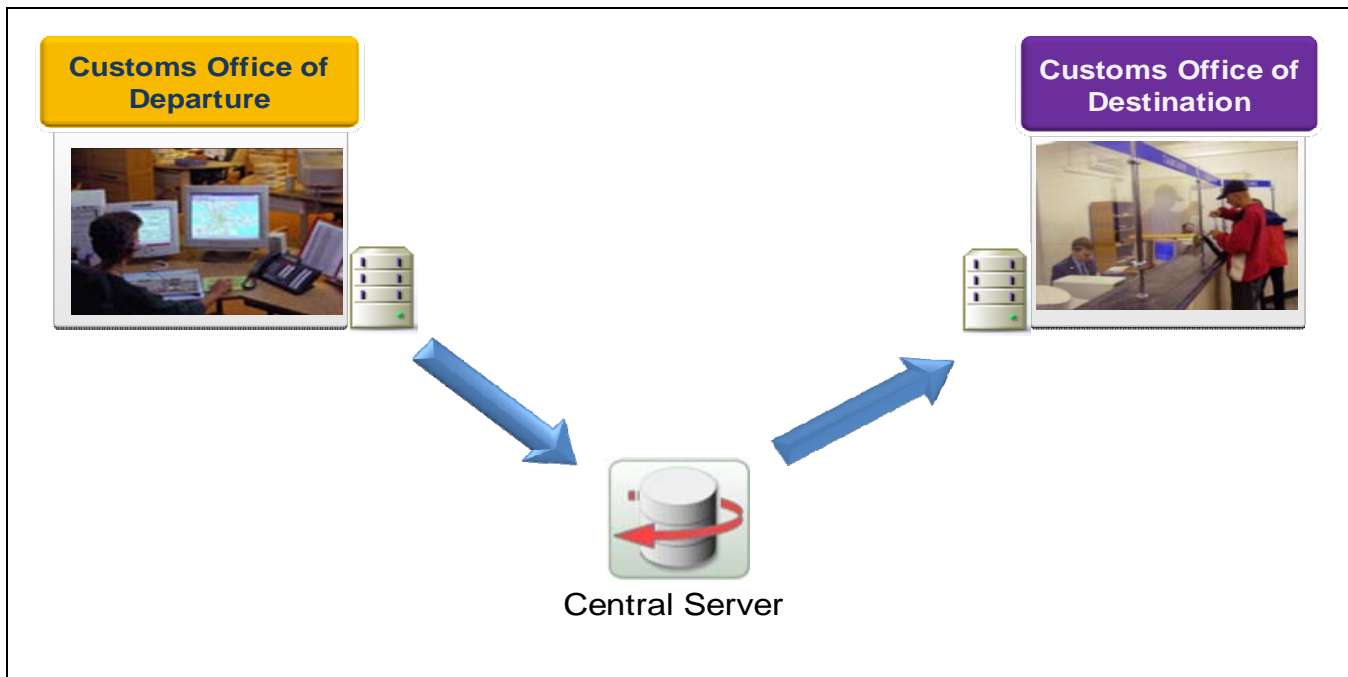
**MONITORING THE APPLICATION OF THE EDI CONTROL SYSTEM
FOR TIR CARNETS**

Note by Mr. I. Makhovikov (Belarus)

A. INTRODUCTION

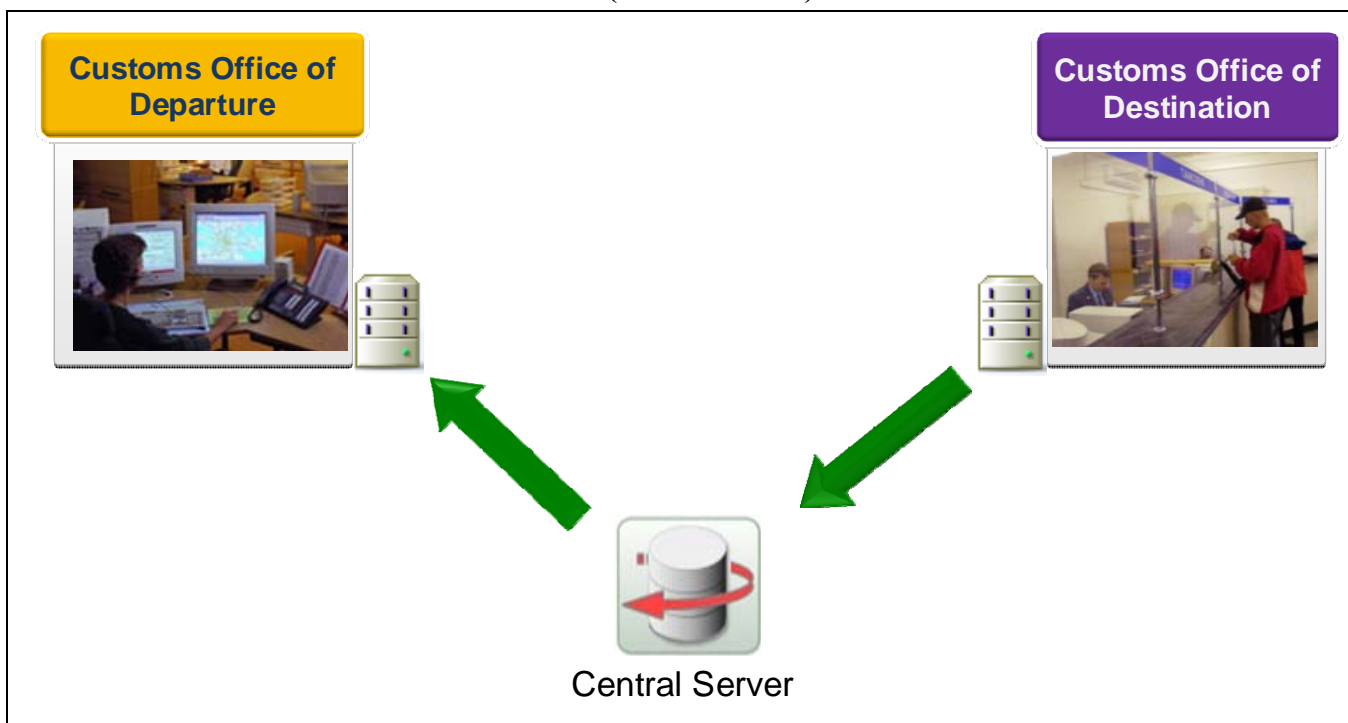
- The Customs Authorities of the Republic of Belarus use the computerized transit system since 1998. This system processes transit goods moved by all means of transport (road, rail, river, air), including transportation under cover of TIR Carnets and it provides the Customs authorities with a mechanism of centralized gathering, processing and transmission of TIR data to the Safe TIR system.
- Since 2002, the electronic transmission of data on TIR operations termination into Safe TIR system is realized via Belarusian National Association BAIRC.
- Since January 2009, the electronic data are transmitted to the Safe TIR system database directly from the central Customs server in real time.
- The data are transmitted through the FTP protocol by using a VPN connection.
- Main purpose of creation of such a mechanism: the efficient organization of the transmission of data required in accordance with Annex 10 of the Convention.
- The basis of the named mechanism:
 1. – strong IT links, both at the national level, between individual Customs posts, local servers and the central Information Processing Center, and at the international level, between the central Information Processing Center and the server at IRU;
 2. - availability of software and hardware (computerized system);
 3. - availability of legal instructions providing the customs officers with clear order of: their actions, exchange of information and automaton of activities;
 4. - appropriate training system;
 5. - monitoring system.

B. START OF TIR OPERATION (standard case)



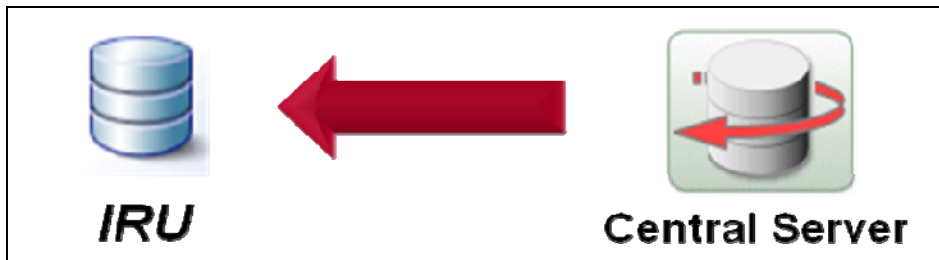
- Input of TIR Carnet data into national computerized system;
- Automatic control of the TIR Carnet's validity/going through risk profiles;
- Start of TIR operation;
- Sending TIR operation data to the Customs office of destination via central customs server.

C. DISCHARGE OF A TIR OPERATION (standard case)



- Using the electronic data sent from the Customs office of departure to discharge the TIR operation;
- Sending electronic data automatically from the Customs post to the server of the Customs office of destination after termination of a TIR operation;
- Sending electronic data automatically from the server of the Customs office of destination to the central server, in accordance with prescribed time intervals and depending on the quantity of the discharged TIR operations.

D. ELECTRONIC TRANSMISSION OF DATA INTO THE SAFETIR SYSTEM



- In order to send data into the Safe TIR system, the procedure runs automatically on the central computer in the following manner:
 1. Selection of unsent data regarding the termination of TIR operations;
 2. Converting selected data into EDI standard format;
 3. Creating a record file;
 4. Forwarding the created record file to a server.
- After that, the procedure runs automatically on the central server as follows:
 1. Changes file name in accordance with the standard;
 2. Opens up connection between VPN and IRU server;
 3. Sends file;
 4. Checks whether file has reached intended destination;
 5. Closes VPN connection ;
 6. Saves the procedure report in the log-file;
 7. Sends report by e-mail.

E. FUTURE DEVELOPMENT

- Improve the mechanism of information transmission from the central server to the IRU server in order to minimize the periods of automatic transmission of Safe TIR data in accordance with Annex 10 of the Convention;
- Redesign the existing software application for the processing of TIR Carnets, with the aim to speed up the procedure;
- Electronic submission of TIR customs declarations;
- Improve risk analysis system, as well as invalid/invalidated TIR Carnet management system;
- Exchange information with other Customs Administrations.