TTR
For Smart Capacity Management

TCR Tool
Overview

RNE RailNetEurope

FTE FORUM TRAIN EUROPE

supported by
ERFA
European Rail Freight Association

Baltic-Adriatic & Amber RFCs
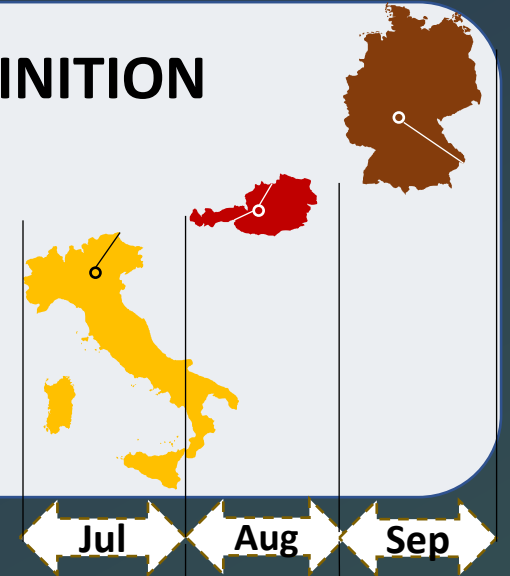
October 2022

TEMPORARY CAPACITY RESTRICTIONS

- Necessary to keep the infrastructure in good condition

- To allow infrastructure development in accordance with market needs

- TCR Tool - A single place with all information about availableTCRs

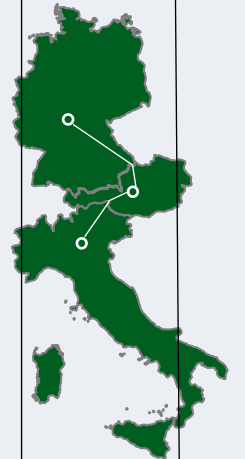- Requirements according to the Annex VII

PROBLEM DEFINITION

Example A:
Uncoordinated TCR =
3 months of impact
on the international traffic route
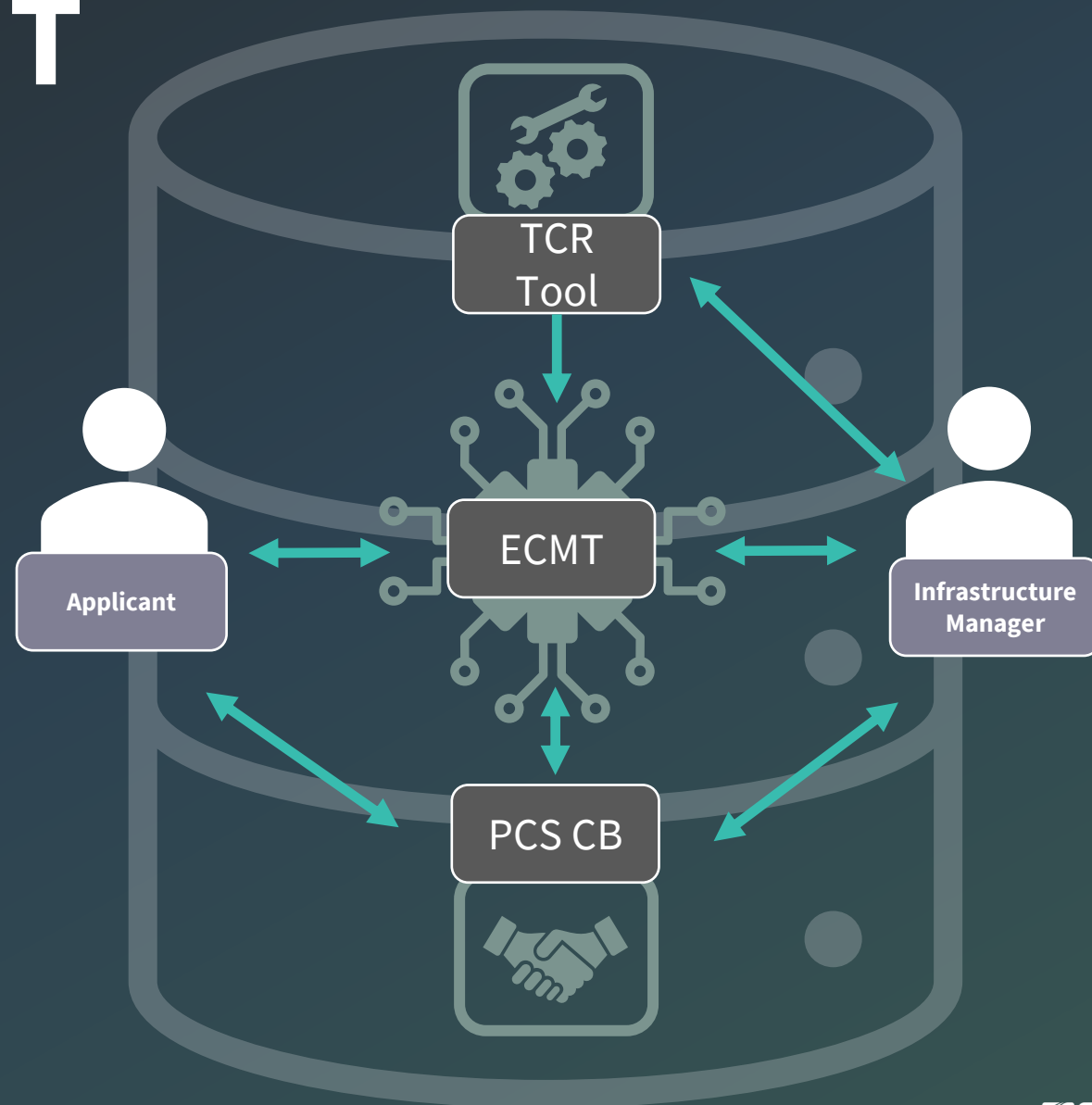
Jul | Aug | Sep

Example B:
Coordinated TCR =
only 1 month of impact
on the international traffic route

DCM – CENTRAL IT

A platform where multiple applications coexist and communicate, including the national systems of the stakeholders, using common standards and databases

1 Temporary Capacity Restrictions **(TCR) Tool**

2 European Capacity Management Tool **(ECMT)**

3 Path Coordination System **(PCS) – Capacity Broker**

+ Common database & TAF/TAP TSI messaging standards

TCR Tool

Applicant

ECMT

Infrastructure Manager

PCS CB

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TCR TOOL FUNCTIONS

- Creation/Import of TCRs
- Coordination
- Publications
- Searching and filtering
- Export
- Visualization on the List, Gantt, and Map views
- Different roles for IMs and Applicants
- Visualization of TCRs on the Map view for public users

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INTERFACES

- Excel/XML data import structure

- Common Interface (TCRMessage) – for TCRs exchange between national and central tool

- RestAPI – for the test system

- Manual data entry