



The BOLANO Tools

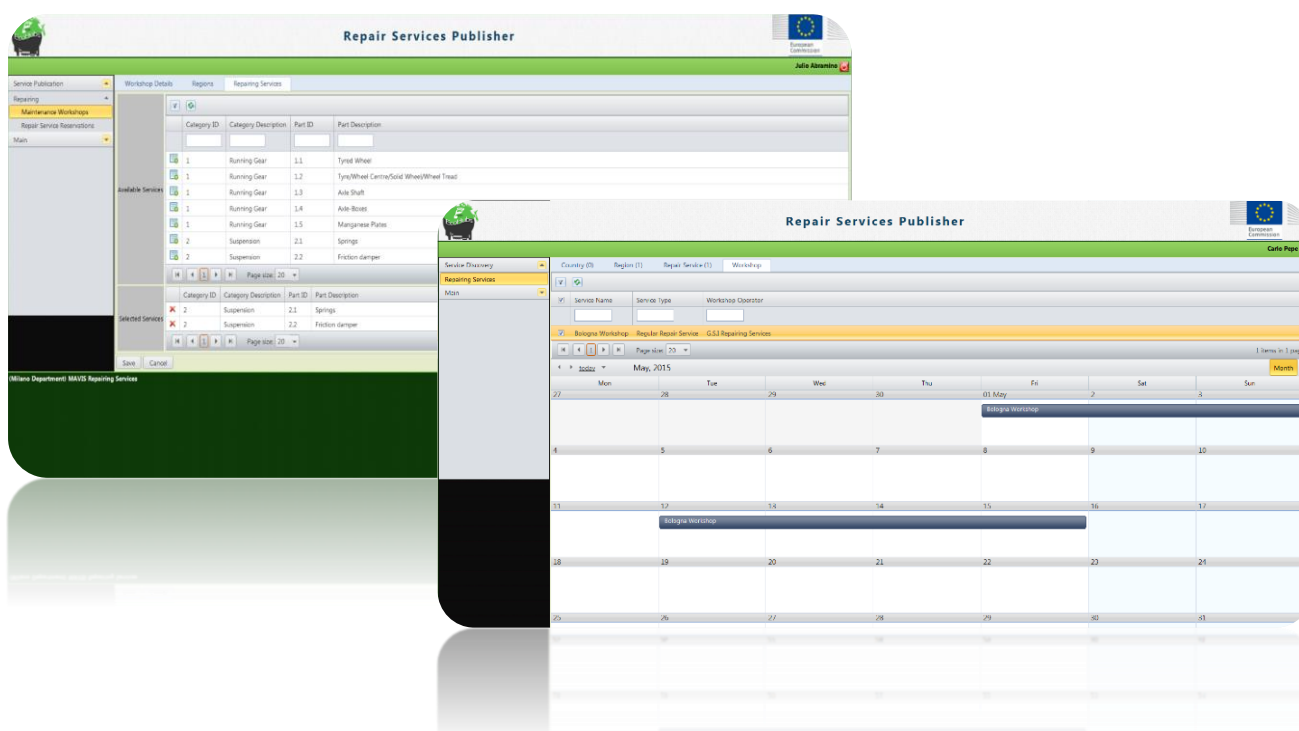
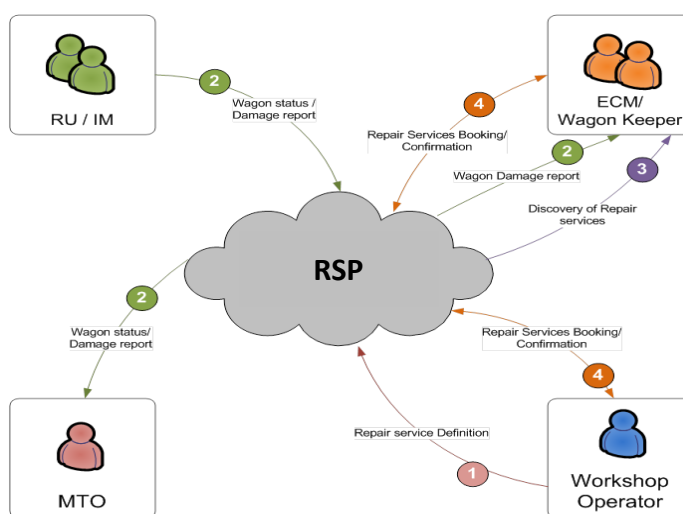
Innovative package to enlarge Intermodal Terminal role and business

The BOLANO Tools package aims to support the "terminals of the future" towards positioning them as dynamic and collaborative facilitators for the whole transport network.

The proposed applications can be used either independently or together to upgrade the quality of the processes and introduce added value services for the whole community towards terminals' increased competitiveness and market share

The RSP application

Repair Services Publisher is a service for supporting the publishing/ discovery/ reservation of rail wagon repairing workshops that facilitates the optimised recovery of wagon damages on the spot.





Functionalities

- **Wagon repair service publishing:** Terminal / Maintenance Workshop operator specifies the characteristics of the mobile repair service such as the terminal based, the geographic area of coverage, the availability of the service through time etc. This information is made available through Transport/ Terminal Service Publishing (T2SP) module.
- **Repair service reservation:** a maintenance service booking mechanism allows the negotiation between the involved stakeholders to report wagon damages as well as book repair services.
- **Repair service scheduling:** the assignment of the mobile repair unit is optimised according to the bookings of ECMs and the available time slots for repairs.
- **Dynamic updating:** the availability of the mobile repair unit as well as the status of the unit during a repair assignment is published via T2SP; through the notification mechanisms provided by T2SP the subscribed stakeholders are notified of the present/ future availability of the mobile unit.
- **B2B Integration** is used to: a) connect to T2SP for publication / discovery of mobile repair services through Access Points; b) facilitate the communication between stakeholders.
- **Human to Machine interfaces (HMI)** to support the functionality mentioned above.

Benefits

- **Terminal Operators** (mobile repair equipment owner): for the owner of the equipment, the added value is the higher possible utilisation of the equipment. Better work organisation in a quicker manner, also communicating with the ECMs with standardized modules.
- **Wagon Keepers:** the damaged wagons will be repaired in less time and cost. This is a key factor since a damaged wagon leads to utilization losses.
- **ECMs:** the mobile maintenance service will be available for the damaged wagons on the spot instead of carrying them to the workshop, thus saving maintenance costs. Furthermore, with using standardized communication it is possible to easily obtain a maintenance record and keep the related book constantly updated.

All BOLANO tools address current business potentiality restrictions and provide added value to collaboration prospects of the intermodal players towards lead time reduction through coordination, cost savings through load factor increase and environmental sustainability through co-modality.

Terminal Managers and interested stakeholders can implement the BOLANO Tools without any needs of disinvesting from existing applications and with limited costs.

For more information or a quotation, please contact

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