

ARVENTO INDUSTRY SPECIFIC SOLUTIONS

TRANSIT CONTROL SYSTEM

The Transit Control System is developed by Arvento specifically for the application areas requiring long term operations management such as international logistics services, long distance transportation, and management of the customs checkpoints. The system allows for managing all the operations on-line from a single web-based interface.



How does the system work?

The system works within a web based interface consisting of a specially designed "imt.53 Container Tracking Device", GPS satellites, a special server and the command control center.

An "imt.53 Container Tracking Device" is installed in the vehicles that will be tracked at the control points. Together with the data collected from this device, all the activities of the vehicles are tracked on-line over Google Maps and/or digital maps. The routes of the vehicles, stopping points, entry and exit dates for the control points can be defined in the system. Thus, if the vehicles go out of the defined routes or disappear, command control center receives automatic alerts.

The command control center receiving the alert can take the necessary actions by reaching out to the drivers' of the vehicles.



Industry
Specific
Solutions

Transit
Control
System



imt.53 Container Tracking Device

imt.53 Container Tracking Device is specially designed by Arvento for the challenging transportation conditions and long term operations management. imt.53 is a world-class technology product and has launched a new era in operation management with its special features.



Device Features;

- IP67 standard (waterproof, dustproof and durable design)
- 350-1500 hours continuous operation time (internal Li-ion battery)
- A single unit with internal GSM and GPS antennas
- Magnetic installation system
- Detach/disable detection features
- Internal memory
- 50 channel GPS receiver and assisted GPS feature
- Firmware Over the Air (FOTA)

The magnetic installation system of the imt.53 Container Tracking Device enables the devices to be installed in the vehicles at the control centers/entry points and to be detached from the vehicles at the exit points to be used in a different vehicle.

Transit Control System has launched a new era in international logistics services, long distance transportation, borders management and customs applications fields with the solution it provides. The system provides security in the management of operations more efficiently and effectively and helps to save time, labor and fuel.

Sample Reference:

The system is used in all the customs checkpoints and customs control centers throughout Turkey by Turkish Undersecretariat of Customs. All the suspicious vehicles transiting and entering from the borders of Turkey are tracked by "Arvento Transit Control System".

This project is supported within the scope of "Modernization of Turkish Customs" by European Union and important steps are taken to prevent illegal trade and smuggling.



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