

Digital tacho download software for better fleet management and compliance

Challenge

A major logistics company, Eurospeed Ltd., with a fleet of 300 trucks, was looking for comprehensive tachograph data systems to easily download files and report each driver's activity accurately and timely.

EU legislation requires companies to download tachograph data:

- Every 28 days for drivers
- Every 90 days for vehicles over 3.5 tonnes

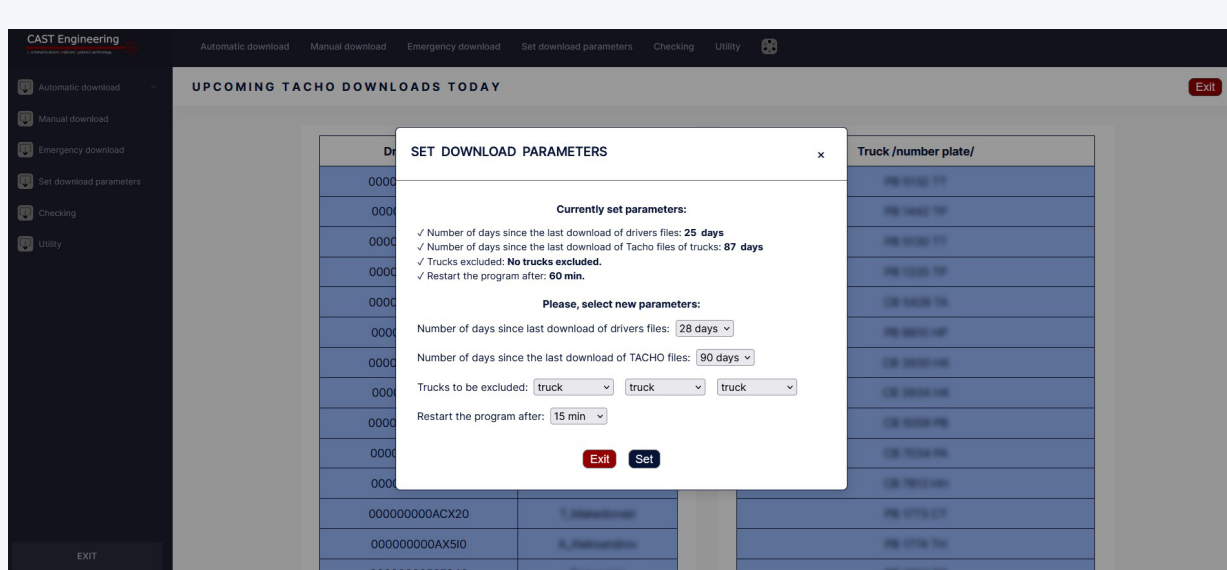
It imposes two main challenges. First, each tachograph file download was manual and time-consuming. It required numerous clicks and separate authorizations for each file. This process can take several weeks for large companies with hundreds of vehicles and drivers.

Second, the company struggled to track tachograph data downloads for specific vehicles and drivers. This complicated defining download schedules. Uncertainties like border crossings and vehicle issues also led to missing downloads.

Solution

Digital tachograph data download with Wialon

The Wialon partner from Bulgaria, CAST Engineering Ltd., engineered a holistic solution using the [Wialon fleet management platform](#) to streamline the tachograph data download process and avoid errors.



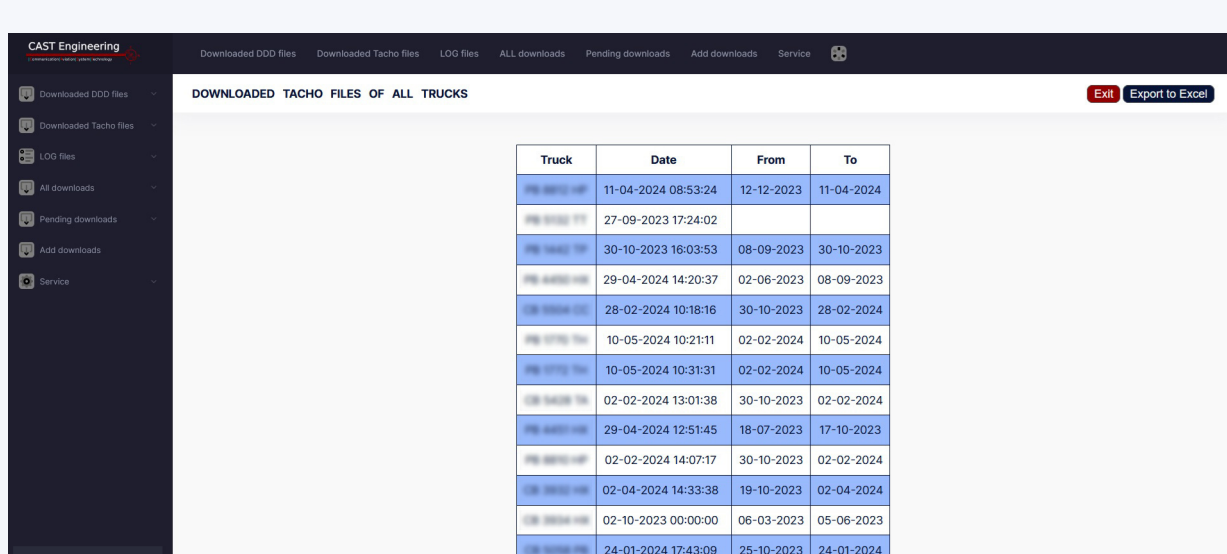
Setting parameters for downloading tacho data

Features

- **Database scan:** The system carefully looks through the database to find upcoming downloads.
- **Automatic download:** With just one approval, the system quickly and automatically gets the tachograph data for many vehicles.
- **Integration:** The company's existing software environment is integrated with the offered solution, no costly changes to the equipment or software are needed.

How it works

1. The program scans the company's database to identify drivers and vehicles needing downloads based on previous download times.
2. The program works with all tachograph-compatible GPS trackers made by Ruptela and Teltonika.
3. It automates operator authorization using the company card for identification.
4. The program initiates downloads for each driver and vehicle until all pending downloads are completed.
5. Each new download is automatically authorized without manual intervention.
6. Downloaded files are neatly stored in Diskette, a service application for working with Wialon file storage.
7. The program generates a log file documenting all successful downloads.



A log file displaying the tacho downloads

Results

Before implementing the digital tachograph data solution, Eurospeed's operators needed 15–20 days each month to download all required files for their 300-truck fleet. Previously, operators had to manually locate and save each file, which was time-consuming and less organized without Wialon-based CAST's program.

✔ 5 times reduction in download time

With the CAST program, this process now takes only 3–5 days. The reduction in time allows operators to focus on other critical tasks.

✔ Minimized errors and ensured compliance

The automated process eliminates the risk of missed downloads and manual errors and ensures full compliance with EU regulations.

✔ Easier file management

Digital tacho software centralizes files for easy access and facilitates efficient retrieval for internal use or authorities' inspections.

✔ Tacho operations visibility

Users can search the database through the program to retrieve lists of downloads for specific drivers, vehicles, or all entries. They can also filter results by time to see executed downloads and upcoming tasks.

Company profile

Country: Bulgaria

Industry: Long-haul transportation

Solutions



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