

# www.ByteBar.eu

Managed Internet service for the Digital Tachograph

Web based system for data acquisition, archiving, analysis and for securing of evidence



15 Observations

Errorcodes	10001 - Uninterrupted driving time ? exceeds 4:30 (1516)	<input checked="" type="checkbox"/>
Organisation	5	<input checked="" type="checkbox"/>
Driver		<input checked="" type="checkbox"/>
Vehicle	All	<input checked="" type="checkbox"/>
Severity	All	<input checked="" type="checkbox"/>
Results per page	20	<input checked="" type="checkbox"/>
Sort order	Organisation, Driver, Date	<input checked="" type="checkbox"/>
Search		<input checked="" type="checkbox"/>

Comment

Responsibility

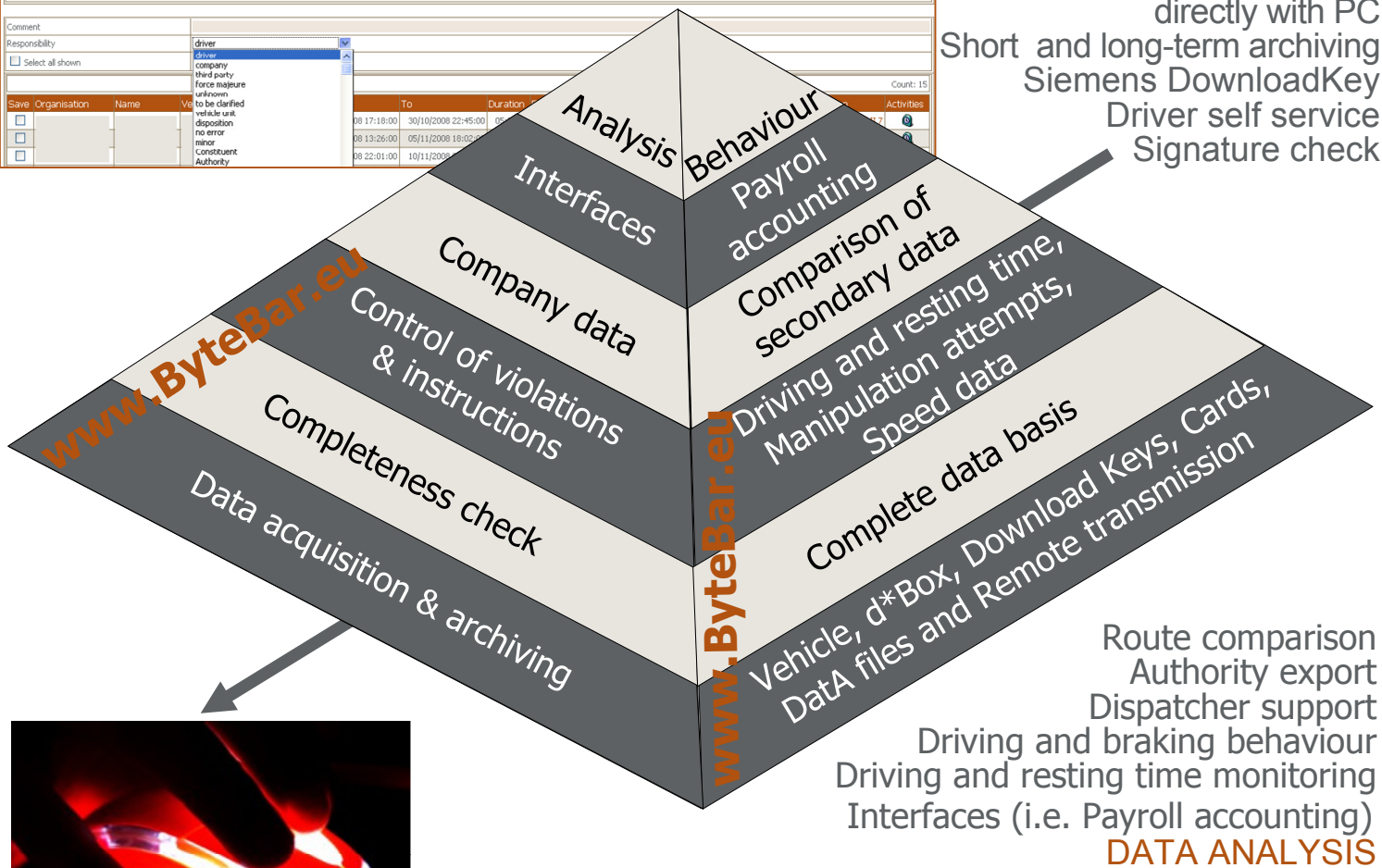
Select all shown

Save	Organisation	Name	Vehicle	From	To	Duration	Activities
<input type="checkbox"/>		driver		08 17:18:00	30/10/2008 22:45:00	05:27:00	Driving
<input type="checkbox"/>		company		08 13:26:00	05/11/2008 18:00:00	04:33:34	Resting
<input type="checkbox"/>		third party		08 22:01:00	10/11/2008 18:00:00	05:39:00	Driving
<input type="checkbox"/>		force majeure					
<input type="checkbox"/>		unknown					
<input type="checkbox"/>		to be clarified					
<input type="checkbox"/>		vehicle in unit					
<input type="checkbox"/>		disposition					
<input type="checkbox"/>		no error					
<input type="checkbox"/>		minor					
<input type="checkbox"/>		Constituent					
<input type="checkbox"/>		Authority					

Count: 15

## DATA ACQUISITION

Mass storage download directly with PC  
Short and long-term archiving  
Siemens DownloadKey  
Driver self service  
Signature check



Route comparison  
Authority export  
Dispatcher support  
Driving and braking behaviour  
Driving and resting time monitoring  
Interfaces (i.e. Payroll accounting)  
**DATA ANALYSIS**

**www.ByteBar.eu – take out more**

**PROCON DATA**

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## OBLIGATION to STORAGE

- Automatic reading of driver cards at arbitrarily many locations in the enterprise with standard card readers - no computer knowledge, no login, no program start necessary
- Reading out data of the Digital Tachograph (e.g. with laptop) directly using a connection cable
- Supports reading of storage devices (e.g. USB download key or d\*Box)
- Guaranteed short-term data backup at two different maximum security data centers
- Checking data validity and digital signature (ensures data integrity for authorities)
- Long-term data backup for at least two years on CD/DVD and storage of these media
- Server operation including data security (no company-owned server necessary)
- Increased manipulation prevention and data security
- Data backup of Digital Tachograph data and driver card data for two years
- FrontDoor Mobile: Import and transmission using over mobile phones
- Distinction between short-term / long-term archive
- Local data backup at customers site

## OBLIGATION to DRIVER INSTRUCTION

- Immediate printout of driving and resting violations - driver self check
- Control of violation processing - Documentation of corrective measures
- Automatic printout of time account including last observations for the driver in his language
- FrontDoor Kiosk: Data acquisition using a kiosk terminal incl. automatic ONLINE instruction
- Instruction document for the driver

## OBLIGATION to DISPOSITION

- Access to web application with arbitrarily many users from every PC with internet connection - no software installation necessary
- Information for predictive planning (remaining working time)
- Administration of the organisational structure with different responsibilities in one system - Which dispatcher is responsible for which driver?
- Projection of remaining working times for current week and current day at compliance with regulations
- Possibility for integration with disposition-software through web services
- Integration of telematic data for determination of current remaining working time (projected)

## OBLIGATION to MONITORING

- Automatic driver notification using SMS on outstanding driver card data
- Data completeness check by comparison of vehicle data with driver data - Were all driver cards read used with this vehicle?
- Automatic alert on time gaps of the driver or vehicle data
- Automatic evaluation of the driving and resting times according to the valid rules of the driver's manual
- Automatic sending of periodically reports by email
- Protocol of corrective measures as proof to the authorities
- FrontDoor Analog: Software for reading tachograph discs for mixed usage
- Complete country-specific analysis of the legal requirements and integration into the workflow for processing of corrective measures
- Cockpit: Monitoring of outstanding downloads
- Cockpit: Monitoring downloads after driver leaving the company

## OBLIGATION to INFORMATION

- Data download is possible at any time (data export) for user with management rights (e. g. authority export)
- Intelligent authority export (system exports those data packages with least violations)
- Data export as PDF-report
- User rights management - Which employee is permitted to deliver data to authorities or third parties?
- Points system and weighting of individual observations
- Automatic ZIP-compression of data

## TAKE OUT MORE

- Data storage in central SQL database for analysis and further usage
- Data provision for payroll accounting based on MS Excel or other standard interfaces
- Maintenance of Internet service and new software versions (e. g. adaption on change of regulations)
- Immediate application usage with test data for personnel training and software testing
- Support hotline Mo-Fr 09h00 - 17h00
- Tour comparison - two drivers take the same tour, where are the differences?
- Data export to MS Excel
- Braking behaviour analysis after crash incidents
- Comparison of fuel consumption
- Raw driving time analysis by pay scale / collective agreement with distinction: working time day - working time night
- Data export for payroll accounting
- Integration of autarkic card readers
- Integration of company-owned gas stations and use of driver cards for authorisation - Card will be read on each refueling.

**many duties – many arguments for our product**

**PROCON DATA**

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take out more

give us a call: +43 (1) 216 27 17 - 0

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