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Managed Internet service for the Digital Tachograph

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

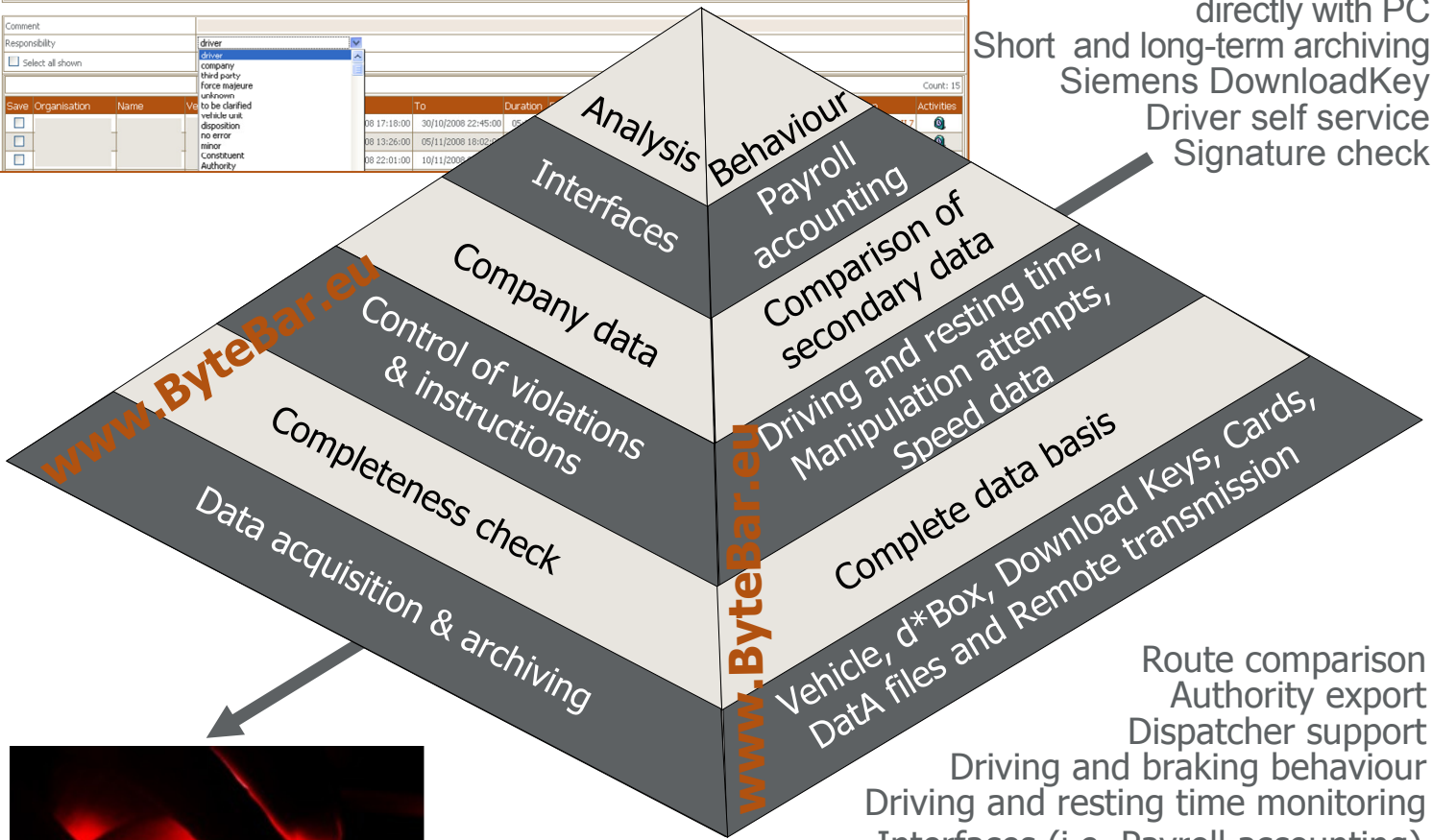


15 Observations

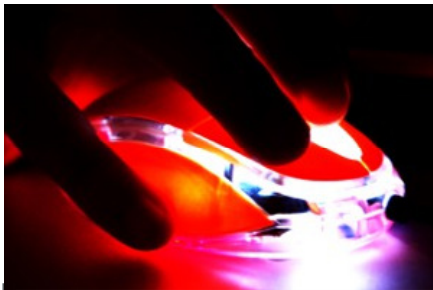
Errorcodes	10001 - Uninterrupted driving time ? exceeds 4:30 (1516)
Organisation	
Driver	
Vehicle	All
Severity	All
Results per page	20
Sort order	Organisation, Driver, Date
Search	

Save	Organisation	Name	Ve	To	Duration	Activities
<input type="checkbox"/>				08 17:18:00	30/10/2008 22:45:00	
<input type="checkbox"/>				08 13:26:00	05/11/2008 18:00:00	
<input type="checkbox"/>				08 22:01:00	10/11/2008	

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

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take out more

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

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