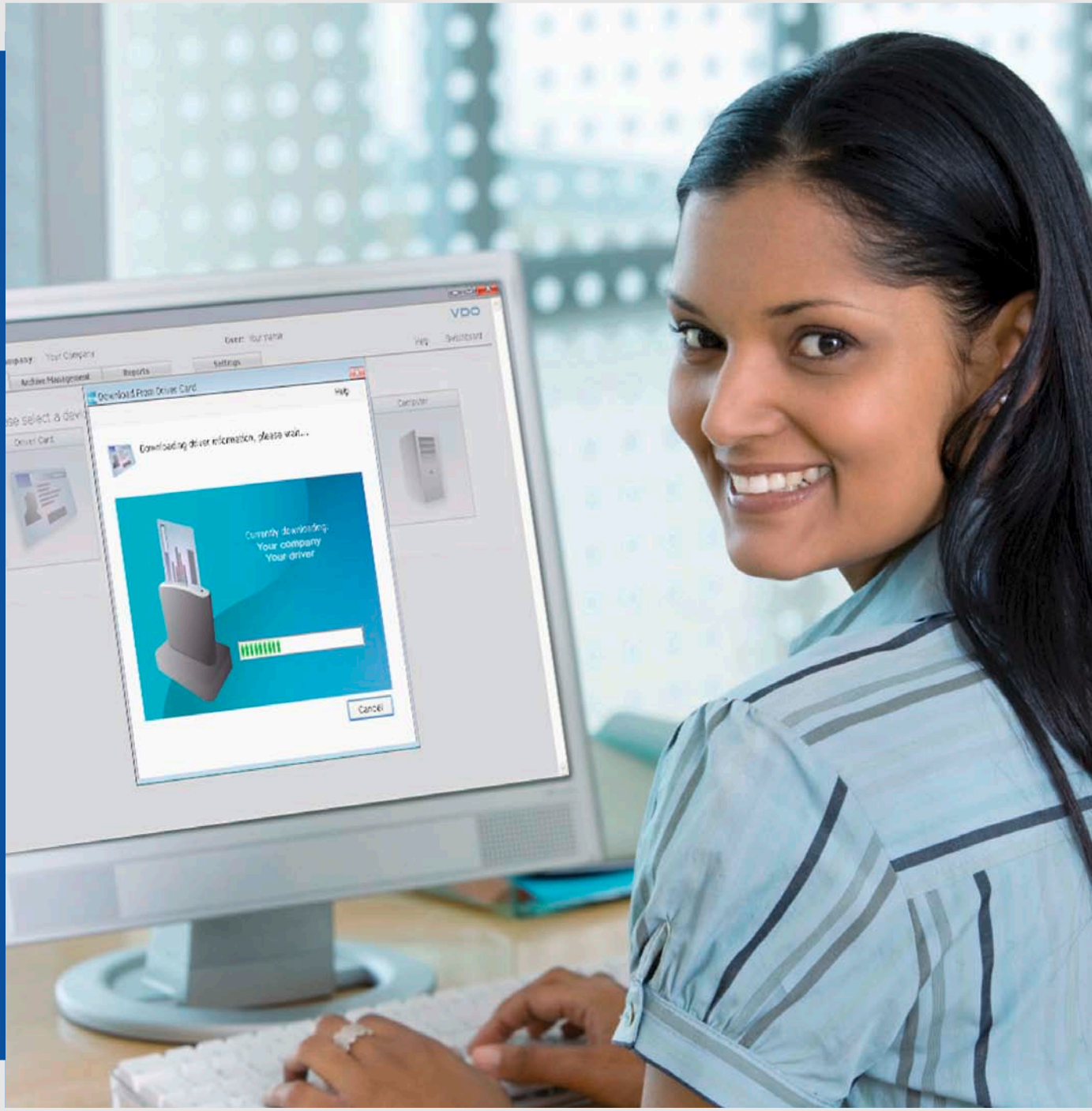
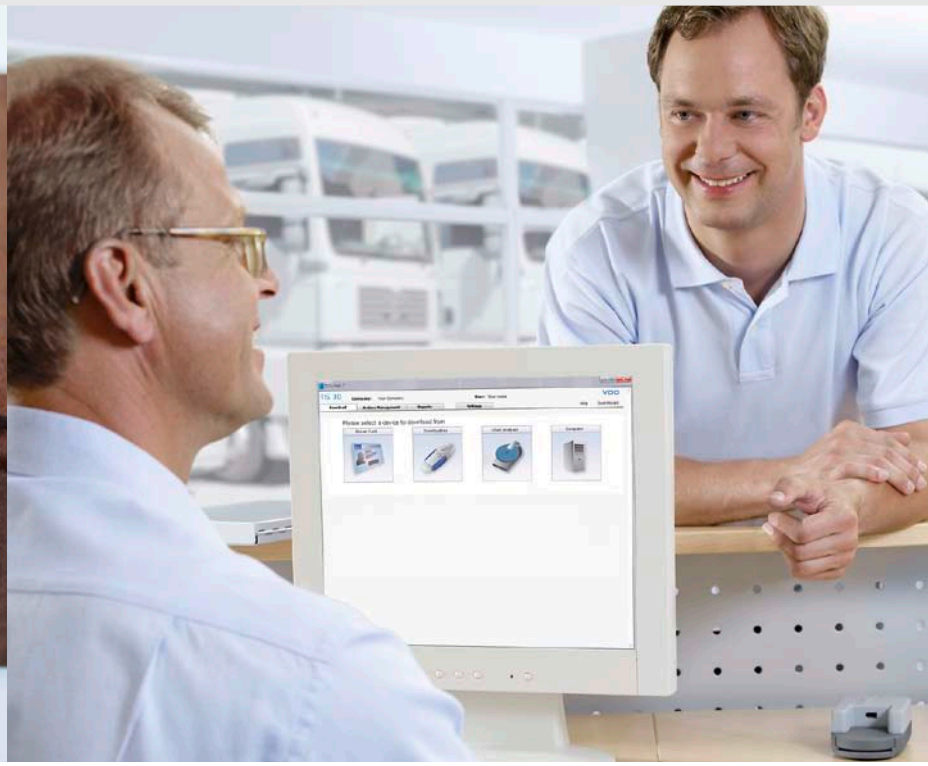


www.dtco.vdo.com

TIS-Web® – limitless and future-proof

Online data management for fleets

VDO



What does legislation require? And how can I utilise this?

Since May of 2006, all newly licensed HGV's of more than 3.5 t and vehicles for the conveyance of more than 9 passengers including the driver must be equipped with a digital tachograph, in accordance with Regulation (EC) No. 561 / 2006.

To fulfil your legal obligations as a fleet owner, you must regularly download and archive the data from your digital tachographs and driver cards. The digital archive is also a valuable database – using the right tools, you can extract important business management information which you can use to optimise your company operations.

What you must do to comply with the law:

- **Driver card data** must be downloaded and electronically **archived** every 28 days* at the latest.
- **Digital tachograph vehicle data** must be downloaded and **archived** every 3 months* at the latest.
- All **vehicle and driver data** must be **stored for a period of 1 year*** and, if necessary, made available to the authorities for inspection.

How you can benefit from this:

- **Optimise** your **vehicle utilisation** and save costs.
- **Improve** your **personnel planning** and reduce bottlenecks and drivers' idle time.
- **Automate** your **maintenance and workshop plans** and avoid unnecessary wear and tear and accidents.

*Legislation may be country-specific and must be adhered to accordingly.

Is TIS-Web® the right solution for me?

Depending on your company-specific requirements, VDO offers you various archiving and data management solutions under the TIS (Tachograph Information System) brand name, all of which comply fully with the legal regulations. These solutions also offer you many options for data evaluation and support you in the optimisation of your operational procedures. TIS-Web® is suitable for all fleet sizes, from owner-drivers to large fleets. TIS-Web® is also ideally suited for multi-site fleets.

If you want professional data evaluation without having to bother with an IT infrastructure or making backups, then TIS-Web® is the ideal solution for you. All you need to archive, visualise and manage your data with TIS-Web® – and to carry out higher-level data evaluation – is a computer with Internet access.

Advantages of the TIS-Web® online solution

- TIS-Web® **does not** require **expensive investments**. You need **neither IT infrastructure nor IT know-how** in your company.
- You **only pay** for what **you need**. Monthly fees depend on the number of drivers, users and on the range of functions used. This can be flexibly selected via the several different user levels (Bronze, Silver and Gold) *(more on this on Page 9)*.
- All you need is a computer with Internet access – for **"anywhere and everywhere" access** to your data.
- Trying to remember when you last performed a **data backup** is now a thing of the past. Your data is **automatically** backed up in a professional Data Centre.
- **Automatic software updating** keeps the program at the cutting edge of technology.
- **Password protection and encrypted data transmission** guarantee the highest level of security against misuse of data.
- The **flexible user management system** allows you to assign individual access rights and passwords to different users. The language for each user can also be stored, facilitating international fleet work.
- TIS-Web® can be easily modified **to match your fleet's organizational requirements and to comply with national regulations** such as various download time intervals, duration of archiving periods, infringement guidelines, etc.
- You can easily **export reports** at any time and **integrate them into your in-house DP systems** for further processing.
- You can also **read in analogue tachograph data and evaluate it**. TIS-Web® is thus the perfect solution for transitional periods with mixed fleets.
- TIS-Web® is compatible with the Remote Download Device (DLD®), with which you can transmit mass memory and driver card data **comfortably by wireless**.

How do I archive my data?

Various options are available for importing data in TIS-Web® – all customised for different uses.

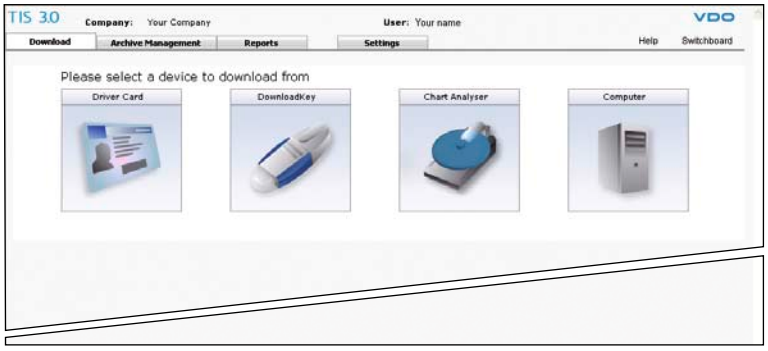
The data from digital tachographs and driver cards can be imported to TIS-Web® using all established VDO download solutions, like e.g. Downloadkey II or DLD® (wireless transmission) *(see table on Page 9)*. Analogue tachograph charts can also be read in by means of the VDO Tachograph Chart Analyser.

TIS-Web® offers you a whole range of useful functions for secure and comfortable archiving.

- The signatures of the downloaded files are automatically checked and you are informed about any defective files which are detected.
- The system also warns you about upcoming downloads at the right time.
- When the archiving deadline has expired, the data is automatically deleted.

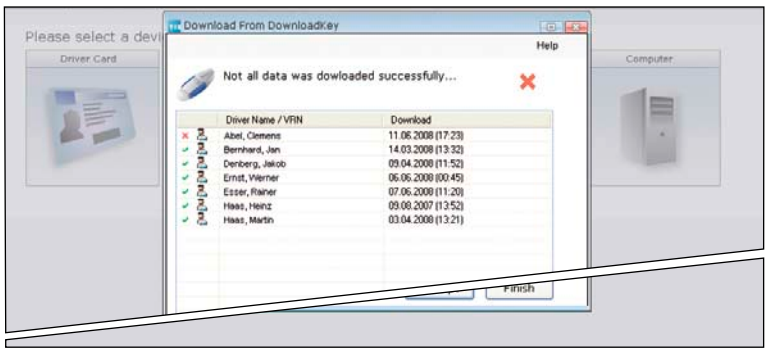
Import data from digital tachographs or driver cards with just one click of your mouse

You have various options at your disposal for importing data into TIS-Web®. Depending on which download solution you use, you can simply select the relevant device and download will start automatically.



You know at a glance whether or not downloads have been carried out successfully

After each data import, the software shows you right away which files have imported successfully and those which could not be archived. So you can react in time – before any gaps in data occur.



Cancel
DRIVER CARD
1. Surname
2. Given name(s)
3. Date and place of birth
4a. Date of issue
4b. Date of expiry
4c. Issuing authority
4d. Civil registration number
5a. Driving licence number
5b. Card number
6. Photograph
7. Driver's signature
e1
182
Continental Trading GmbH, Heinrich-Hertz-Str. 45, 78052 Villingen-Schwenningen
VDO

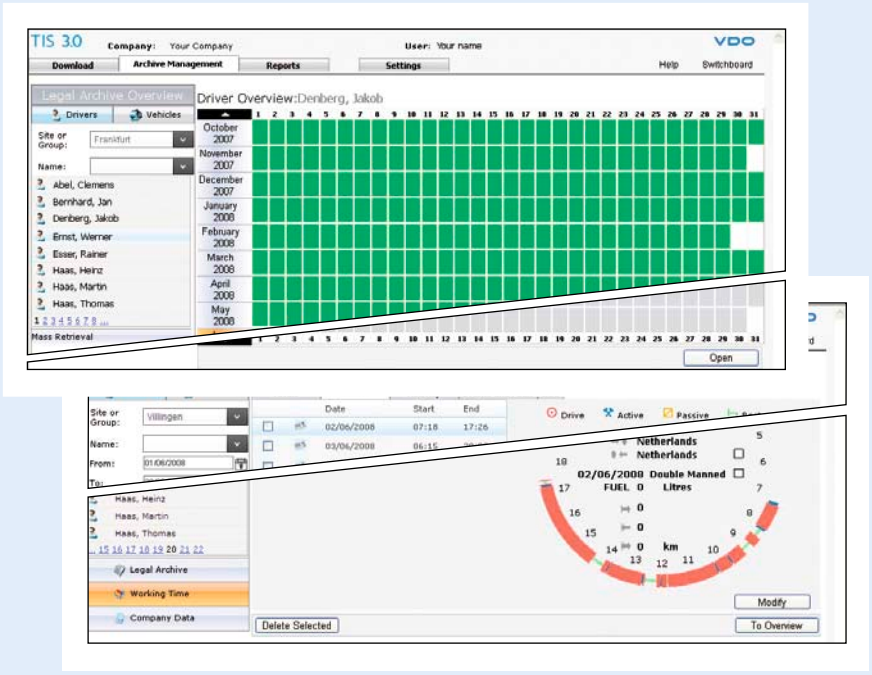
How can I use my data for business management purposes?

If you already have seamless and well-structured driver and vehicle data, you can exploit it to the full. To this end, TIS-Web® provides you with valuable information, which, if cleverly used, will result in sustainable profits.

Ascertain at an early stage whether or not legal regulations are being adhered to

You can see at a glance whether or not downloaded data has any gaps.

With a click of your mouse, you can also monitor driving times, rest periods and infringments for each driver and vehicle.



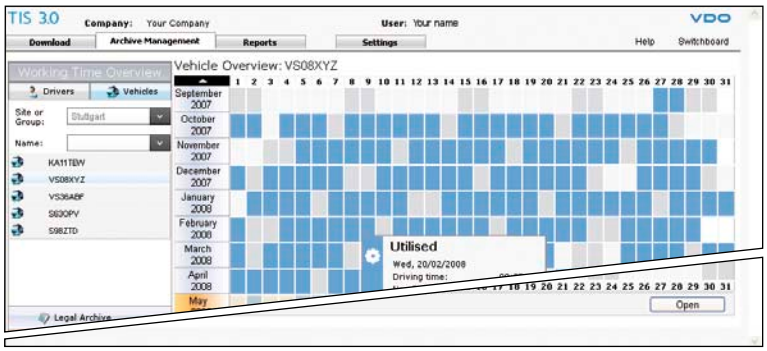
Monitor your drivers' driving behaviour

Speed graphs and speed profiles give you an insight into the driving style of each individual driver.

The graphics are only partially available when you use a VDO DTCO®, since this device records the necessary additional data (depending on the version).

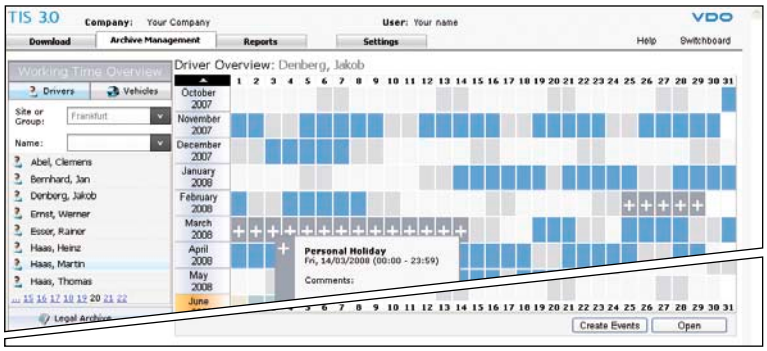
Optimise your vehicle utilisation

A clearly laid out display of driving and non-driving times indicates the level of utilisation of your vehicles and provides important information for your vehicle management.



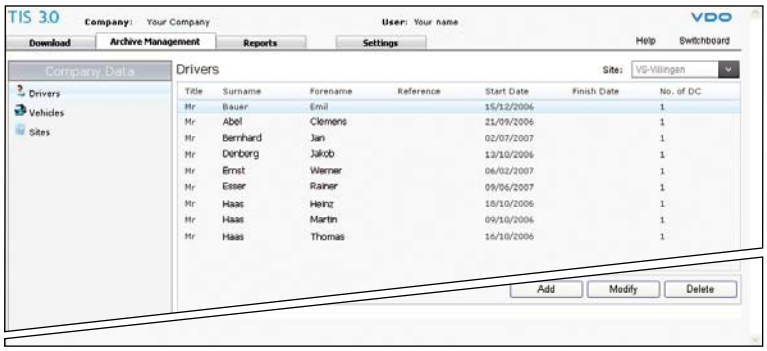
Improve your personnel planning

The driver calendar supports you in the efficient creation of work schedules. You can thus create a clear and understandable display of individually definable activities in the calendar – including work, holidays, illnesses and absences.



Manage your master data

You can easily create master data for drivers, vehicles and sites – and also manage it efficiently. With TIS-Web®, you can sub-divide your fleet into logical units and easily manage data from several companies.

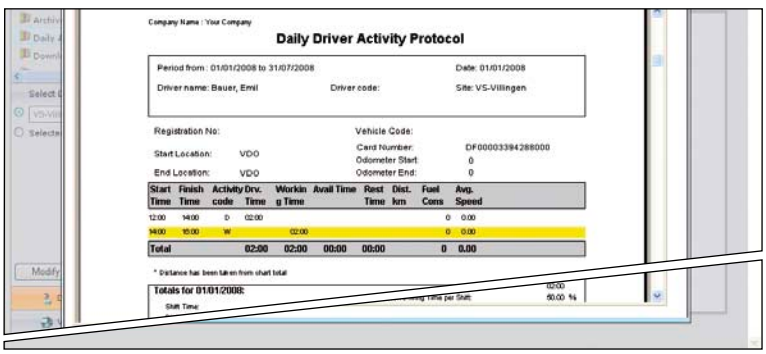


How can I generate higher-level evaluations?

With TIS-Web® you can create a host of higher-level evaluations, so-called “Reports”. As many drivers, vehicles and evaluation time periods as you wish can be freely defined in individual reports.

The essential information at a glance

You can view, save and print out your reports – and you can easily export your report data to other programs for further processing.


Company Name : Your Company

Daily Driver Activity Protocol

Period from : 01/01/2008 to 31/07/2008 Date: 01/01/2008

Driver name: Bauer, Emil Driver code: Site: VS-Villingen

Registration No: Vehicle Code:

Start Location: VDO Card Number: DF000033942880000

End Location: VDO Odometer Start: 0

Odometer End: 0

Start Time	Finish Time	Activity code	Drv. Time	Working Time	Avail Time	Rest Time	Dist. km	Fuel Cons	Avg. Speed
12:00	14:00	D	02:00					0	0.00
14:00	16:00	W		02:00				0	0.00
Total			02:00	02:00	00:00	00:00		0	0.00

* Distance has been taken from chart total

Totals for 01/01/2008:

Shift Time: 02:00

Driving Time per Shift: 50.00 %

TIS-Web® at a glance

	Archiving	Evaluation (user levels)		
		Bronze	Silver	Gold
Archiving data				
Archiving of driver card and digital tachograph data with digital signature checking	•	•	•	•
Recovery of original files for any drivers, vehicles and time periods (e.g. for inpections by the authorities)	•	•	•	•
Automatic erasure of data upon expiry of the archiving time limit	•	•	•	•
Data capture				
Capture of master data for your sites	•	•	•	•
Capture of driver and vehicle master data (automated via driver card and Downloadkey)	•	•	•	•
Capture of the tachograph chart data from analogue tachographs using a VDO Tachograph Chart Analyser and keyboard		•	•	•
Visualising and evaluating data, plus creating reports				
Detection of gaps between downloads	•	•	•	•
Display of the data in tabular and tachograph chart form	•	•	•	•
Verification of driving times and rest periods		•	•	•
Fault and infringement diagram			•	•
Speed and rpm profiles (only available when using a VDO DTCO®)				•
Evaluation of driver activities [1]		•	•	•
Evaluation of vehicle utilisation [1]		•	•	•
Status protocol for vehicles (only available when using a VDO DTCO®)				•
Driver calendar (working and driving times)		•	•	•
Table for driver availability [2]				•
Yearly overview of vehicle events, e.g. oil changes, tyre changes [2]				•
Reminder calendar [2]			•	•
Suitable reading-in devices				
Downloadkey	•	•	•	•
Card Reader	•	•	•	•
Downloadterminal	•	•	•	•
Outdoor Terminal	•	•	•	•
Download Device (Short Range und Wide Range)	•	•	•	•
VDO Tachograph Chart Analyser (for analogue data)		•	•	•
Available languages				
EU languages, Norwegian …	•	•	•	•
Data security				
Data protection (access data, user data and a password are all required)	•	•	•	•
Encrypted data transmission	•	•	•	•
Multi-level structure for access rights				•
System requirements				
Operating system	Microsoft® Windows® XP or Vista™			
Internet browser	Microsoft® Internet Explorer® version 5.5 and higher			

[1] The number of reports depends on the individual user level.
[2] available from the end of 2008

Microsoft®, Windows® Vista™ and Internet Explorer® are trademarks of the Microsoft® Corporation.

Starter Kit and flat rates

A multi-level price model addresses your specific user profile.

Fees depend on the number of drivers, users and on the range of functions used. This can be selected via the several different user levels (Bronze, Silver and Gold) and expanded at any time. The Starter Kit, with DLK II and Card Reader, offers you an economical introduction to the world of professional data management.

	Archiving	Evaluation	Number of users	Number of drivers	Hardware
Starter Kit [1]					
TIS-Web®	•	Silver	1	unlimited for the first 12 months [2]	1x Downloadkey II, 1x Card Reader
Flatrates [1]					
Flatrate 1	•	Silver	1	1–2	
Flatrate 2	•	Silver	1	3–10	
Flatrate 3	•	Silver	1	11–25	
Flatrate 4	•	Silver	2	up to 50	

[1] Please note that the price models are country-specific.

[2] Categorisation to the relevant flat rate will take place after 12 months.

With TIS-Web® you'll always be right up-to-date

As part of our policy to cater fully to the requirements of our users and react quickly to legal and technical changes, we constantly research the market to ascertain the experiences and needs of existing and potential customers – and we act upon what we learn by implementing new functions.

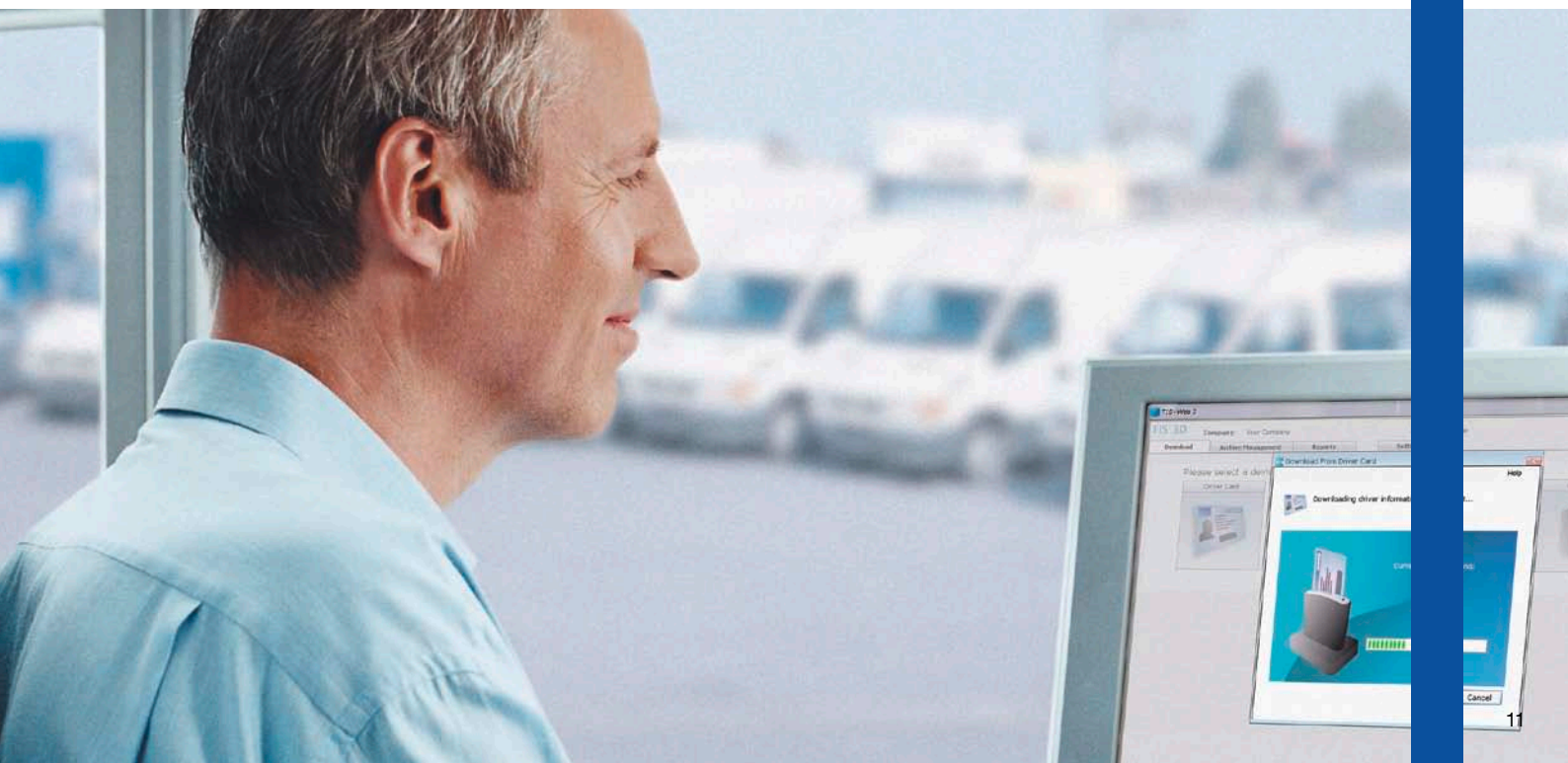
Additional offers from VDO

In order to help you prepare efficiently for working with digital tachographs, VDO, together with various partners, has developed target group-specific training concepts.

These training courses provide you with all the support you will need during your learning process with digital tachographs, the various additional components and the data management software. The courses also explain everything you need to know about the relevant EU regulations and their effects on each target group.

For further information about VDO training, please visit **www.dtco.vdo.com/training.**

Visit **www.dtco.vdo.com/downloads** for concise digital tachograph guidelines and product information about other VDO solutions.



Continental Automotive GmbH
Heinrich-Hertz-Str. 45
78052 Villingen-Schwenningen
Germany
www.dtco.vdo.com
tachograph@vdo.com
VDO – A Trademark of the Continental Corporation

The information provided in this brochure contains only general descriptions or performance characteristics, which do not always apply as described in case of actual use or which may change as a result of further development of the products. This information is merely a technical description of the product. This information is not meant or intended to be a special guarantee for a particular quality or particular durability. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make changes in availability as well as technical changes without prior notice.

A2C59512697 I Continental Automotive GmbH I English © 2010
Printed in Germany