

FleetManager 4.x

Access authorisation

Shock detection

Reports



Recording unusual truck impact

Automatically generating various reports

Full utilisation and optimisation of the storage fleet



FleetManager 4.x is the next stage of evolution for modern fleet management. With this innovative software, you are able to control your own fleet more efficiently and effectively than ever. Plus you can do this whenever and wherever you want. As FleetManager 4.x is a web application, there is no complex installation involved. Once you have activated the software online, which takes no time at all, you will have unlimited access to your selected functions straight away. This is the case wherever you are in the world – being tied to one place is a thing

of the past. From controlling individual access rights to intelligently detecting unusual vehicle conditions and automatically generating a wide variety of report types, all relevant information can be transferred quickly and conveniently by GPRS or Bluetooth i.e. wirelessly. It is also possible to automatically dispatch certain information to a selected group of recipients without any problems. It has never been easier to get the best from your fleet of forklift trucks.

Increasing work safety:

- Define individual usage profiles for different drivers for each forklift truck
- Properties of the truck, such as maximum driving and lifting speed, automatically adapt to each operator
- Use the pre-shift check to ensure that the status of the truck has been checked and that the system has been notified of this before starting work
- Quick, convenient and flexible commissioning of the forklift truck by quickly touching on with a chip, customer card or FleetManager card or typing in a PIN code
- Impossible to forget: thanks to the auto-logout, the truck is automatically locked after a freely selectable period of time

Optimising your fleet of forklift trucks:

- A wide variety of report types guarantees demand-orientated and easily accessible evaluation of all available forklift truck data
- You will have access to a brief overview of your fleet's efficiency at any time
- Automated reports make it possible to monitor progress of optimisation measures in a simple and convenient way
- Thanks to the user-friendly interface, you can concentrate fully on what really counts – maximum efficiency of your fleet of forklift trucks
- You can see the following straight away on the FleetManager start screen: fleet status, forklift truck notifications, system notifications, access rights, open tasks

- FleetManager tells you whatever you want to know about your fleet: from the number of forklift trucks active at the same time to the types of usage, the use of trucks and energy consumption

Reducing physical damage:

- Precise detection of unusual truck loading by means of high-grade acceleration sensor
- In the event of unusual truck impact, the time, driver's name and truck are recorded automatically and sent to selected recipients
- Specify how a truck should react to the collision reduce speed, activate flashing lights or hazard warning light
- Driver awareness is an effective way to prevent physical damage
- A detailed report provides you with all of the details on shock events so that you can take targeted preventative measures
- Information can be sent automatically by email to selected recipients if required

FleetManager 4.x Access authorisation

Chip

FleetManager card

Personal plant ID card

PIN



With FleetManager 4.x you are free to choose the type of access authorisation for one or more trucks: chip, FleetManager card, your personal plant ID card or a PIN.

Thanks to the smart auto-logout function, the trucks are automatically deactivated anyway after a freely selectable period of time – this also increases safety.



Access authorisation for one or more trucks can be saved on the FleetManager card. For the driver, this means quickly touching on to log in and again to log off – it's that simple. Many customer cards, such as plant ID cards, can also be used in this way to access trucks.



Another alternative is an individual five- or eight-digit PIN which the driver types in on a built-in keypad to conveniently activate the respective truck. All the driver has to do to log out is press the 'Escape' button.

Shock detection

Truck impacts are reliably measured by high-quality shock detector

A shock event is triggered if limits are exceeded

Best possible shock detection: STILL determines the optimum position for installing the shock sensor



The 'shock detection' function helps to reduce unusual impact and to minimise the costs incurred as a result of impact damage. It consists of a sensor that measures vibrations in the truck. Should the vibrations

exceed a certain level, the impact will be registered as unusual and the fleet manager is informed, who can then train the driver to handle the truck correctly.

Create reports quickly and easily

Select various report types, evaluation periods, trucks or drivers in a clearly laid-out entry form

Automatically send reports to a predefined distributor list via email

Export the reports as PDF or Excel files



To ensure transparency in fleet management, the 'Reports' function provides an overview of the truck fleet's potential areas of improvement, such as usage analyses for industrial trucks used at the same time.

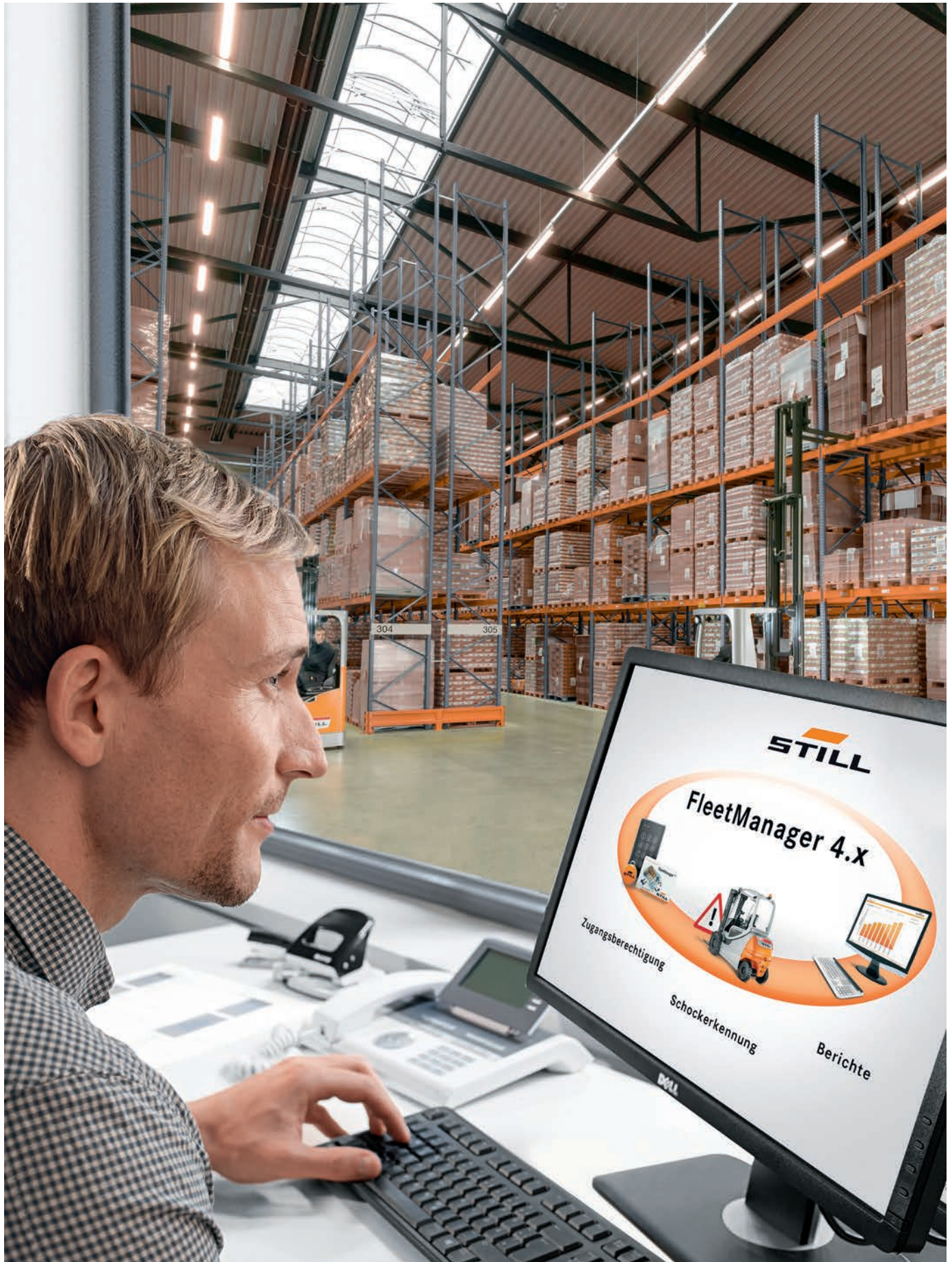
Reports bring you a wealth of benefits: you are able to achieve a balanced truck usage rate, determine optimum usage profiles, maximise truck usage times, identify potential for savings, increase work safety, plan driver training in a targeted manner and much more.

Name	Truck	Driver	Description	Benefits
Analysis of use	x		Shows the operating hours of the forklift truck in the selected period of time	Comparison of the times the forklift truck is used with the objective of using the trucks equally
Analysis of usage	x		Shows the time spent on driving and lifting with respect to the overall use time	Possibility of maximising the usage times of the forklift truck. Checking whether the usage profile is in line with expectations
Logbook	x	x	List with information on who (driver) used which truck (truck name) at what time (date & time). The logbook function indicates duration of use, active operation time, number of shock incidences, energy consumption, lift and driving times and driving time with load ¹ during the duration of use	Basis for individual analysis of the usage of the forklift truck
Forklift trucks used at the same time	x		Chronologically shows the usage of the forklift truck (login, logout, activity) over the course of a day	Identification of potential for savings (e.g. replacing used forklift trucks successively with one forklift truck). Checking whether the usage profile is in line with expectations
Shock evaluation ¹	x	x	Indicates every incident of a truck including the details of the event (date, time, driver, truck, truck speed, truck conditions, shock values)	Basis for the identification and reduction of unusually high truck loading
Shock analysis ¹	x	x	Shows number of shock events per forklift truck and driver	Identification of unusually highly loaded forklift trucks and drivers in need of training
Status evaluation	x		Lists notifications from the driver about the status of the forklift truck (pre-shift check)	Attribution of truck damage to the person who caused it
Load analysis ²	x		Shows proportions of time on journeys with and without load	Reduction of empty journeys
Energy consumption ³	x		Shows the energy consumption of the forklift truck in kWh	Optimisation of energy consumption
Energy consumption per operating hour ³	x	x	Shows the average power consumption of the forklift truck in kW	Optimisation of energy consumption by aiding energy-efficient use of the forklift truck
Forklift truck list	x		Lists the forklift trucks and important information including the current reading on the operating hours counter	Optimisation of energy consumption by aiding energy-efficient use of the forklift truck
Forklift truck access list		x	Lists all drivers and means of access	Overview of drivers and means of access
Training list		x	List of upcoming driver training with date and name of the driver	Reliable and verifiable driver training and instruction

¹ Requires the corresponding vehicle fittings (acceleration sensor)

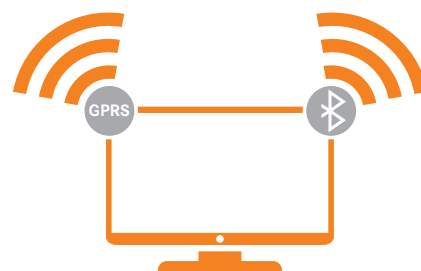
² Corresponding forklift truck equipment (load sensor) is a requirement

³ Dependent on the vehicle software



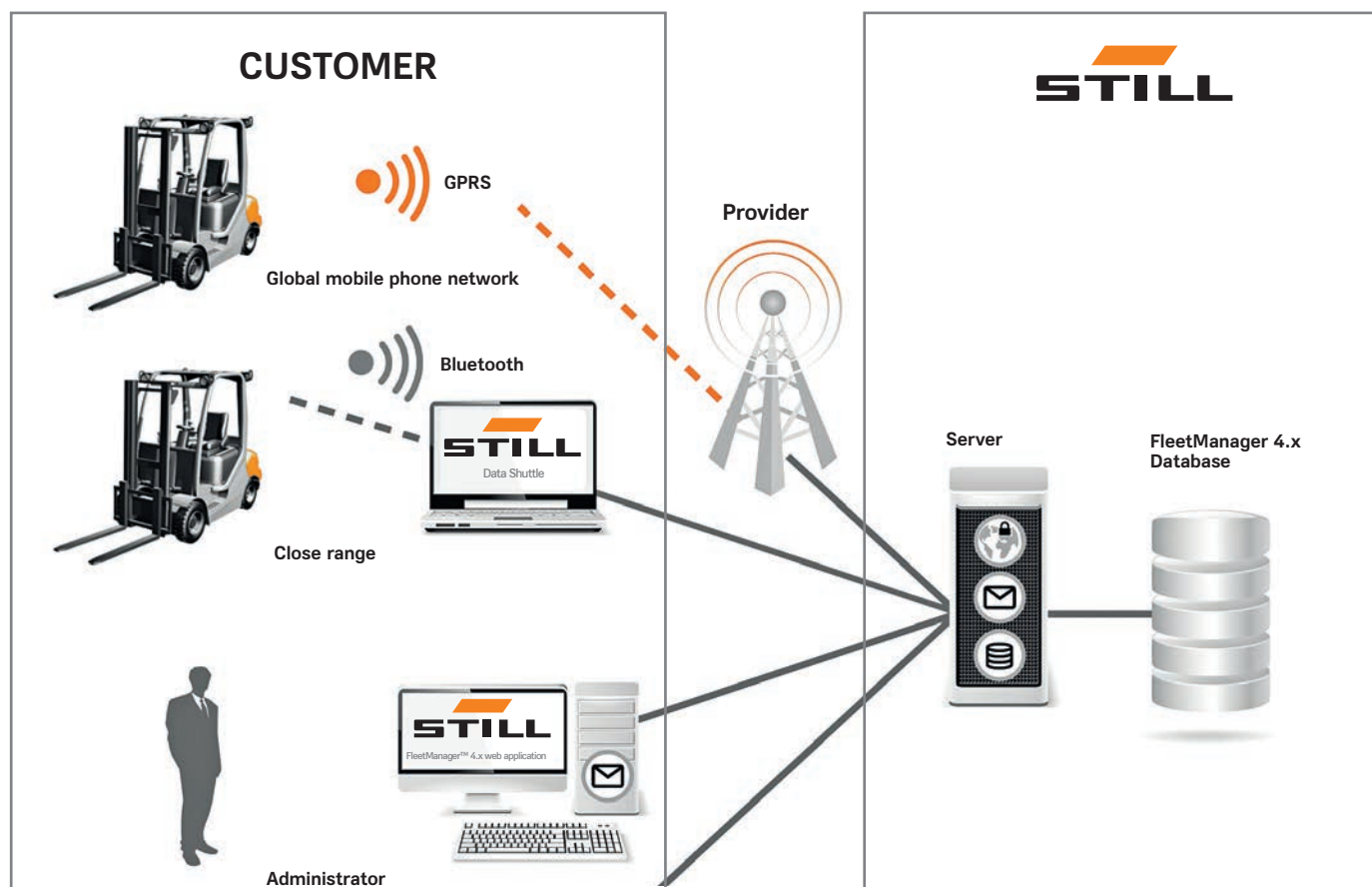
No need to access the IT landscape: data is transferred via GPRS and Bluetooth

Flexible use irrespective of location: the web-based application can be used on a PC or on the go on a tablet



The core element of FleetManager 4.x is the central database stored on a server. With truck information transferred to this database via Bluetooth or GPRS, the user can access the software on any PC with an

Internet connection and manage their fleet of trucks from anywhere in the world. As this is a web-supported tool, free and automatic updates ensure it is always up-to-date.



	Product line	Driver profile															
		Access authorisation	Shock detection	Reduced speed after shock event	Speed limiter	Limitation of lifting speed	Limitation of tilt speed	Activation of lighting	Analysis of use	Analysis of usage	Logbook	Forklift trucks used at the same time	Shock evaluation	Shock analysis	Status evaluation	Load analysis	Energy consumption
Electric forklift trucks	RXE 10-16C	●	○	○	●	●	●	●	●	●	●	●	○	○	●	○	●
	RX 20 14-20	●	○	○	●	●	●	●	●	●	●	●	○	○	●	○	●
	RX 60 25-80	●	○	○	●	●	●	●	●	●	●	●	○	○	●	○	●
IC trucks	RX 70 20-80	●	○	○	●	●	●	●	●	●	●	●	○	○	●	○	●
Low lift pallet trucks	EXH 14-20 Plus	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXH 25/30	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXU-H 18/20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXH-SF 20/25	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXH-S 20/25	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	SXH 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXH 20/25 N	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXH 20/25	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXV 10-20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
High lift pallet trucks	EXV-SF 14-20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXV-CB 06-16	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXP 14-20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXV 14/16 N	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXV 14/16	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXD 18	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
Double deck high lift pallet trucks	EXD 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXD-SF 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EXD-S 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	SXD 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXD 20 N	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	FXD 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
Driver seated reach trucks	FM-X 10-25	●	○	○	●	●	●	●	●	●	●	●	○	○	●	●	●
	FM-X 14-20 SE	●	○	○	●	●	●	●	●	●	●	●	○	○	●	●	●
Low level order pickers	OPX 20/25	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	OPX 20/25 Plus	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	OPX-D	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	OPX-L 20	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	OPX-L 20 S	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	OPX-L 12/16	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
Vertical order pickers	OXV 07/08/10	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	EK-X 10	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	PXV	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	MX-X	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
Very narrow aisle (VNA) trucks	NXV	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	LXT 120-350	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
Tractors	LXW 20/30	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	LTX 70/80	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	LTX 50	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—
	LTX-FF	●	○	○	●	—	—	—	●	●	●	●	○	○	●	—	—

Products not listed available on request

● Standard ○ Optional — Not available

Retrofitting STILL equipment and equipment from other manufacturers

Good news for all customers who want to get the best out of their fleet: Existing equipment can be retrofitted for use with FleetManager 4.x by a qualified STILL service technician. This applies to STILL equipment as well as to equipment from other manufacturers. Trucks that are already fitted with FleetManager 4.x access authorisation and the current

software update are immediately ready for use. Whilst the functions "Access authorisation", "Shock detection" and "Reports" are guaranteed to operate on all trucks, the availability of other functions depends on the individual truck. Please contact us for further consultation.



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