

Mobitec Access WEB

MEDIA MANAGEMENT

MEDIA UPLOAD - THE FEATURES:

Mobitec Access Web (MAW) is a web application which allows you to upload content from your computer library to your fleet equipped with Mobitec devices. Content can be any form of information, here it mostly means advertisement or Infotainment. Thus, the system enables you to provide your passengers with route-based-data, information from the authorities or commercial-related information from you or third parties.

The system supports you furthermore in creating playlists. A playlist can contain several forms of media files, e.g. videos or images. During establishing playlists, you have the opportunity to decide in which order the single media files should be played.

Special about Mobitec Access Web is the ability to set up different conditions concerning a media file or a whole playlist. The conditions can be used to target a certain group of passengers. Please find detailed information below.

Mobitec is taking care of security issues by providing a two factor authentication when doing critical parts such as uploading new media files.

The content which you want to use needed to be uploaded just once; it is anyway distributable to any amount of vehicles.

Our system is useable on every common browser.

It doesn't matter which size your media that you want to upload has, since it will be automatically converted into the appropriate size depending on your screens or signs inside your fleet.

YOUR BENEFITS

The possibility to set up different conditions enables you to target your publicity.

GPS allows you to display the media in a certain pre-determined position. In combination with the passenger counter, it can be used to monitor how many people will be confronted by a media file at a certain position.

The possibility to create several authorization levels enables you to outsource your marketing to a media company.



MEDIA MANAGEMENT

THE EIGHT CONDITIONS

The following conditions can be selected for each single media item or for a whole playlist itself:

NAME	DESCRIPTION
Position	Set up in what area or position the media should be shown.
Destination	You can add one or more destinations where you want to display the media.
Line	With the choice of a specific line, the media file will be only shown on these buses.
Next stop	A certain media will be played if the next stop is specific.
Time of day	Determine a fixed time or a time period in which the media should be presented.
Calendar period	You can select a period of the year in which a specific media file is played.
Week days	Define on which day or days the media should be illustrated during the week.
Speed	By setting a specific speed, the playlist/the single item will only be shown at that speed.

➔ The conditions allow you to reach different target groups since your content can be used in a selective way!

PLAYED MEDIA REPORT

25.3 -1.4

File	Today	Total
 Strike_Busscreen_1366x768px_Host2015-2.jpg	378	28222
 Sequence%2001.wmv	82	28224
 Västerås_julbord_1366x768px.png	254	435
 4.Önskedagen_15sek.mp4	121	4111
 Gymnasiemässan VL skärm.bmp	0	6
 481-2510_1366x768.mp4	97	579

➔ MAW is able to generate a list including all media files and the amount of how many times they have been played a day or in total. The list can be also exported into an Excel-sheet and hence used to monitor commercial statistics.

Mobitec Access WEB

DIAGNOSTIC

DIAGNOSTIC - THE FEATURES:

Mobitec Access Web (MAW) is a web application which allows remote diagnostic of the units in the vehicle.

Supervising the health status of the fleet provides proactive diagnostic and repair planning.

The bus operator will gain for advanced uptime management system and downtime protection by supervising the units.

The remote diagnostic gives the operator better chance to get the bus on the road as fast as possible and reduce the service cost.

The diagnostic system consists of Diagnostic Trouble Codes (DTC) to alert errors and warnings in the system.

The diagnostic system in MAW also subscribes on parameters such as revisions, settings and sensor values which is powerful tool for troubleshooting or checking status of the unit remotely

YOUR BENEFITS

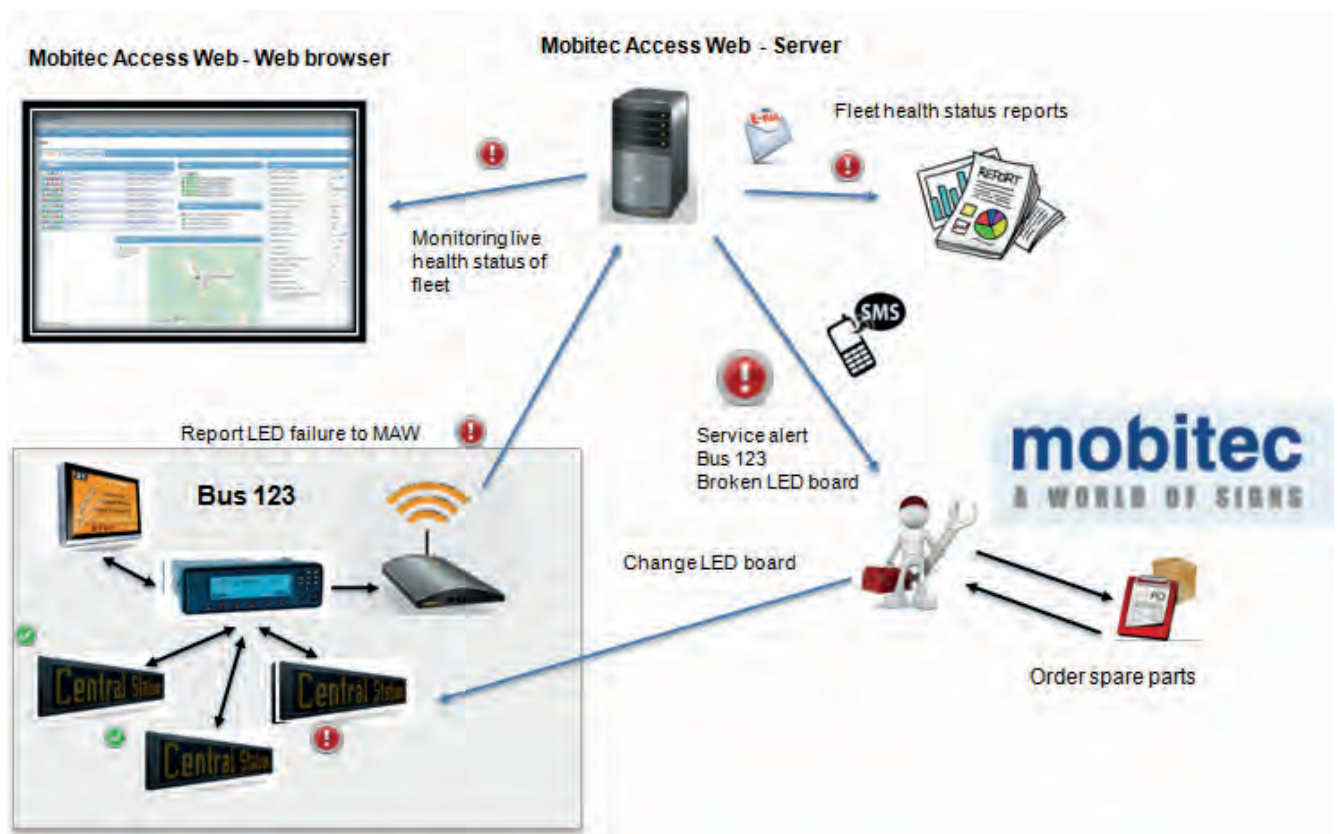
- Live monitoring
 - Monitoring live health status of units in entire fleet
 - Manage and monitor status of errors and file update
- Service alert messages
 - Send email or SMS to customer service department immediately when errors occur
 - Customer service department get info which vehicle that has broken unit, what is the problem and recommended action.
 - Goal is to plan the repair of the unit before the bus is back in the depot
- Fleet Health status reports
 - Subscribe to error reports of entire fleet
 - Event log of errors, warnings, file update status etc



Mobitec Access WEB

DIAGNOSTIC

25.3 – 3



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Mobitec Access WEB

FLEET MANAGEMENT & DATABASE UPDATE

DATABASE MANAGEMENT

Mobitec Access Web is a web application intended to be used by traffic authorities and operators. The intention is to be able to manage fleets equipped with Mobitec devices themselves.

Our system includes the possibility to prepare your vehicles online with the latest database. This means that you don't have to update your buses manually anymore by using a USB-stick on each of your vehicles.

MAW enables you to manage your whole rolling stock with just a few clicks from your computer screen. The progress of the update can be controlled from your back office, too.

WHAT ARE YOUR BENEFITS?

- ➔ Saving money because of saving time and workforce.
- ➔ You will keep an overview of your rolling stock. Overview means:
 - Monitoring the status of the buses
 - Checking if your vehicles are running smoothly
 - Recognizing potential problems early
 - Supervising the progress of the file update
- ➔ You will be able to replace your system files regularly with a very cost-efficient method. Implementing a new database in your buses won't be a burden anymore.

The progress of the update can be well-observed since MAW presents an exact percentage of the download. In the following you will find some detailed information concerning the status of the vehicles and the download of a system file.





FLEET MANAGEMENT & DATABASE UPDATE

STATUS OF THE VEHICLES

The status of a vehicle is displayed with 5 distinct buttons whereas each button has its own meaning:

1 2 3 4 5






     	Name 	Last feedback time
    	7960	2015-12-01 10:30:55
    	3324	2015-12-01 10:30:54
    	3348	2015-12-01 10:30:54






- 1) Diagnostic Trouble Codes: They show general problems with on-board equipment.
- 2) Firmware version: The latest database is recently updated.
- 3) Media content: The media files are up-to-date.
- 4) Server connection: Vehicle is connected with the server.
- 5) GPS connection: Vehicle receives currently GPS signals.






If these symbols are green, everything is OK. If one symbol is red, it indicates a problem in one of the above areas. Then you just have to click to find out more details about the upcoming problem!

MONITORING THE DOWNLOAD

Controlling if the files are downloading is an easy task with MAW. The actual percentage of the download will be shown automatically once you have reloaded your side.

Filename 	Type 	Download %
 ICU-R6L 151208 1032.600	system/firmware	100%
 Bergkvara_151208_start1213.out	system/database	24%
 Bergkvara_151208_start1213.bba	system/voice	0%

Filename 	Type 	Download %
 ICU-R6L 151208 1032.600	system/firmware	100%
 Bergkvara_151208_start1213.out	system/database	100%
 Bergkvara_151208_start1213.bba	system/voice	17%

Filename 	Type 	Download %
 ICU-R6L 151208 1032.600	system/firmware	100%
 Bergkvara_151208_start1213.out	system/database	100%
 Bergkvara_151208_start1213.bba	system/voice	100%

Mobitec Access WEB

MAW TO BUSINESS

MAW TO BUSINESS

Mobitec Access Web is a web application intended to be used by traffic authorities and operators who have a fleet of vehicles equipped with Mobitec devices.

The system is able to collect frequently all kind of data, diagnostics, statistics and feedbacks.

MAW to Business aims primarily to gather, prepare and analyze this information. Afterwards, it will be re-distributed to the operator, the Public Transport Authority or to other parties.

Special about the program is the ability to export data to external systems by an API (application programming interface). External systems can be any kind of Enterprise resource planning system (ERP) as well as Traffic information systems.

The information can be also compiled into an XML file (extensible markup language).

YOUR BENEFITS

MAW2B enables you to ensure a smoothly running of your whole vehicle stock, whereas the process of monitoring will be exactly and without continuous observation by your workforce since the system works with diagnostic trouble codes (DTC).

Diagnostics and statistics will help you to recognize potential problems early and will therefore save costs for the correction of defects.

In the meanwhile, you will be enabled to control the number of your passengers on each bus line or bus route. This will guarantee that you keep an insight to ensure that each bus route is affordable.

The required information from the authorities can be automatically collected and exported to another system. You won't need to investigate anymore in transferring the correct data.



MAW TO BUSINESS

FOR WHAT IS THIS DATA USEABLE?

All parties which are included into the public transportation will get a better overview of their daily processes. This means Public Transport Authorities, OEMs as well as operators and marketing companies will realize the effect that MAW2B has on their statistics.

The visualization of feedback and diagnostics and the exportation into other systems which allows an easy way to work with this data are helpful in every working day.

In cooperation, the distinct parties will be able to forecast or at least to estimate the future traffic and will early recognize the potential problems. Problems can appear concerning the vehicle itself, problems with the traffic (e.g. construction works leading to alternate bus routes) or customer requests / complaints with respect to delays or breakdowns.

MAW2B supports you in being aware of all these possible risks and facilitates your daily work!

Please don't hesitate to contact our service department when questions are coming up to your mind. They will be pleased to help you with any further information!