

VTA-WEBMON/GSM/BD

lift monitor and remote alarm system utilizing the GSM/GPRS network or Ethernet

The VTA-WEBMON/GSM/BD system has been designed for the monitoring of the lift status. It simultaneously implements the service of the remote alarm signal and the voice communication, required by the standard EN 81-28. The report on the lift state is transferred to the service centre via Internet. WEBMON alternatively can be configured (ordered) for the GSM/GPRS network or Ethernet data transfer. The special software application WEBRMAN, running on PC in the service/alarm centre, analyses the current status of the lifts, and informs immediately the operator in the centre about any serious problem detected on the lift, i.e. about the activation of the alarm system.

REMOTE ALARM SIGNAL

In case of emergency the information on pushing the ALARM button, installed in the lift car, together with the address of the lift are immediately transferred to the alarm centre. The operator of a 24-hour alarm centre can establish the voice communication with the person(s) stacked in a lift car. As soon as the alarm centre accepts and confirms the alarm signal, the light indication in the lift car signals the confirmation. In case of communication failure between the lift car and the alarm centre WEBMON ensures a direct connection of the lift car to one of the other predefined phone numbers.

Remote Alarm system features:

- pushing of the ALARM button activates the alarm system,
- voice communication between the lift car and the alarm centre or the service person,
- flashing LED signals in the lift car the connection to the alarm centre in progress,
- light indication in the lift car acknowledges the receipt of the alarm in the service centre,
- button for the deactivation of the ALARM state is installed (the deactivation of the ALARM is performed after the stacked persons have been relieved),
- prevention of the unreasonable using of the ALARM button,
- regular automatic checking of the system function,
- checking of the power supply,
- optional voice communication to the lift machine room,
- connection of up to eight single lifts is possible.

MONITORING OF THE LIFTS

WEBMON implements the monitoring of the state and function of the connected lifts. It collects, analyses and transfers the data on lifts regularly to the service centre. The data transferred to the centre is available on the Internet pages, and all the authorised persons can view it (e.g. house-owner, lodgers etc.). WEBMON can monitor the lift control systems that are equipped with the communication line RS485 (or RS232). Beta Control lift control system VTA971 communicates to WEBMON using the proprietary communication protocol EASYCALL. Using that way of the monitoring enables:

- keeping of the record on the lift operation,
- keeping of the record on runs to each particular stage/station,
- keeping of the record on the history of error reports,
- remote reading of the lift control system parameters etc.

BASIC TECHNICAL DATA

	VTA-WEBMON/GSM/BD	VTA-WEBMON/RTH
Power voltage	+12V ±10 %	+12V ±10 %
Power consumption	200 mA	max. 100 mA
Power consumption during communication	400 mA	
Dimensions	160x90x58 mm (including the antenna 160x90x90 mm)	70x90x58 mm
GSM	900/1800 MHz	
Error signal input		12V±20 % or 48V±20 % (alternative setting option)
Backup input voltage	+12V ±20 %	
three serial RS485 interfaces, one of them configurable RS485/RS232, two general inputs +12V ±20 %, two relay outputs.		

- Electronic Control System
- Electronic Switchboard Panels
- for the Standard and/or Hydraulic Lifts
- Lift Upgrades and Reconstructions
- New Lifts
- Remote Alarm and Monitoring of the Lifts



EN ISO 9001:2000
Development, production and service of embedded real-time distributed control and information systems

SERVICE TECHNICIAN

– voice, SMS

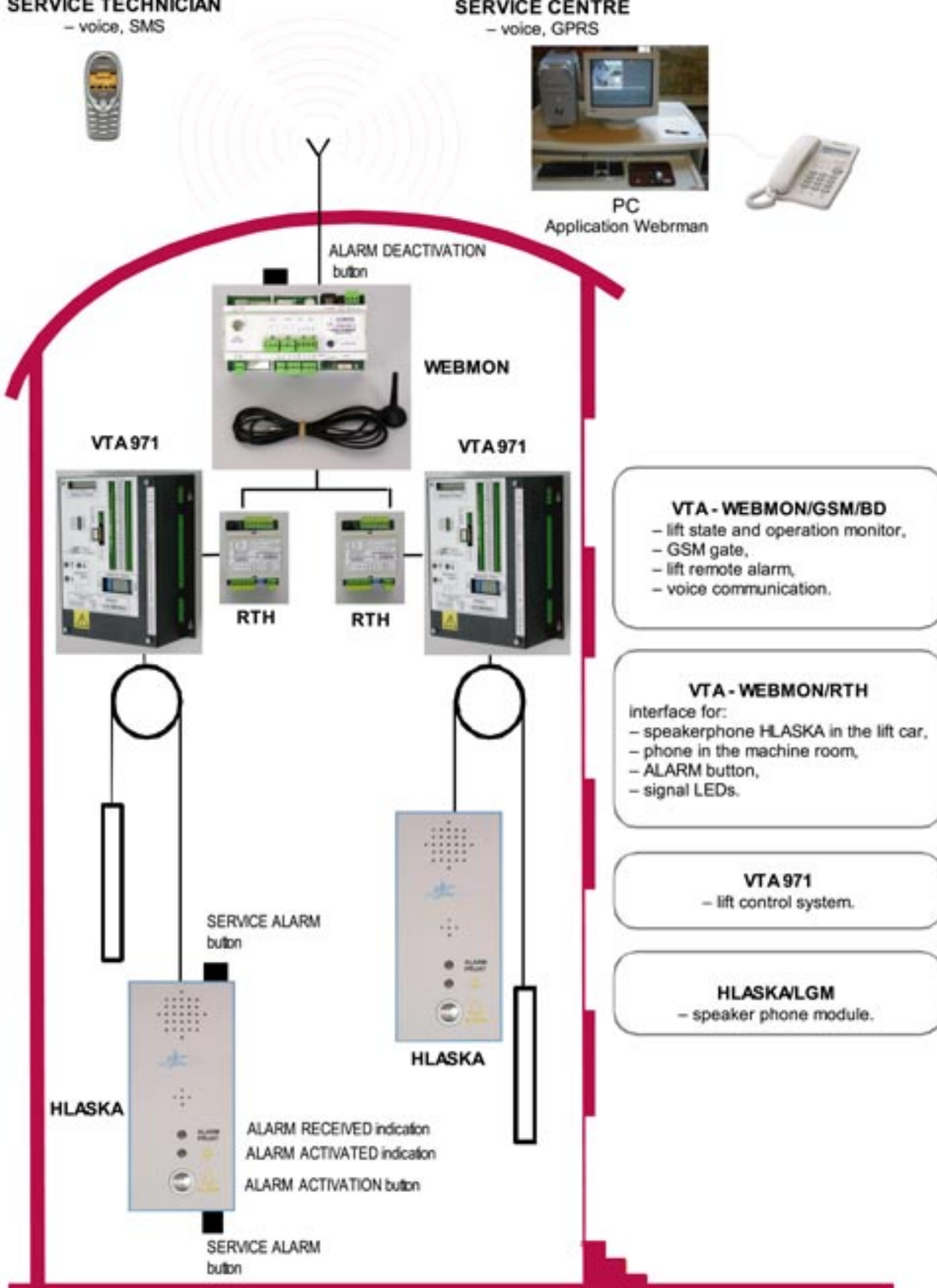


SERVICE CENTRE

– voice, GPRS



PC
Application Webman



VTA - WEBMON/GSM/BD

- lift state and operation monitor,
- GSM gate,
- lift remote alarm,
- voice communication.

VTA - WEBMON/RTH

- interface for:
- speakerphone HLASKA in the lift car,
 - phone in the machine room,
 - ALARM button,
 - signal LEDs.

VTA 971

- lift control system.

HLASKA/LGM

- speaker phone module.

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