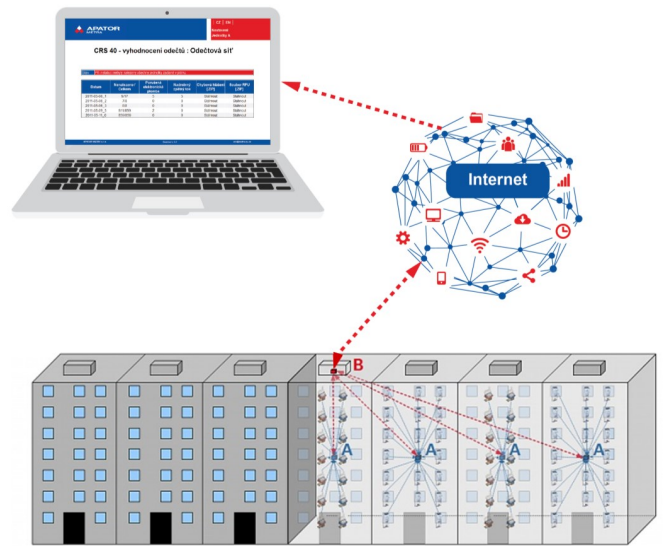# CRS 40 V3

Description

Central reading system CRS 40 V3 and Unit B V3 COMBI is designed for data reading from radio heat cost allocators E-ITN 40, E-ITN 30, E-RM 30 and devices transmitting according to the Wireless M-Bus standard, which transmit in the C1 and T1 protocols. The system is wireless and with the exception of power supply from the 230 V electrical network (and possible Internet connection), does not require the installation of any cables.

System concept

System requires a minimum of user inputs via user interface. During reqular operation it processes and saves data. In case of error, it will let you know - send an email, and you can immideately solve the situation. From time to time you can backup all data to you computer.

If you are looking for more possibilities you can use secured connection to SFTP server you can run on your own or use server from our company. On this SFTP server you can have available everyday data from all your systems CRS 40 and you gain an option to easily and in bulk to configure them. All units can connect everyday to server to upload new data and download configuration files that are used to to reconfigure based on your requiremennts by the end of the day.

System elements

No matter what option of data management for CRS 40 you select, granted are fully automatic updates from the manufacurer and developer of operation system Linux so all known security demands are met.

Reading network consists of one controlling Unit B V3 and several collector Units A. These units are automatically configured to wireless network with star topology. Every collector Unit A has direct radio conection with controlling Unit B. Unit B controls communication in whole reading network, it saves and processes collected data.

Technical details

Operating temperature	0 to 40 °C
Operating environment	For indoors installation
Number of read units (E -ITN 30, E-ITN 40, E - RM 30 , Wireless M-Bus)	All in radio range based on reading plans (up to hundreds read units)
Number of units A in one network	max. 10 units
Number of everlaping reading networks	max. 15 units
Remote access	RJ45 (Ethernet), or over Wi-Fi or GSM
Dimensions	255 x 205 x 68 mm
Power	Unit A V3 - 230 V / 30 mA / 50Hz Unit B V3 - 230 V / 30 mA / 50 Hz
IP Code	IP 40
Suported browsers (for work with GUI)	Mozilla Firefox 7.0 and higher Google Chrome 15.0 and higher

Contact

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