مجموعة الياسين
Al-Yaseen Group

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Generator remote control monitoring

Our company pleasure to offer to you special system for generator remote controller and monitoring

the main idea of the system is to use the GSM network sim- card via this sim-card with active data service (GPRS) M2M the generator will send data to your generator service center server (GSCS) (every 15 min. as example or you can adjust the time of data coming to you every which interval of time)

by use this technique you can see remotely your generators and control it and see all the status of the generator its work ,off, load, working , hour ,events,..... many other information can be save of your generator service center server (GSCS) you can use this data to calculate the daily cost of every generator as fuel cost and defect cost also from the GSCS you can know when the service can be done or not (because the generator itself automatically send service request when service hour was finished)

You can see the location of the generator on Map. Also the status in color also our company can supply generator spare and controller like Datakom, DSE, ComAp and Deif.

See below picture diagram

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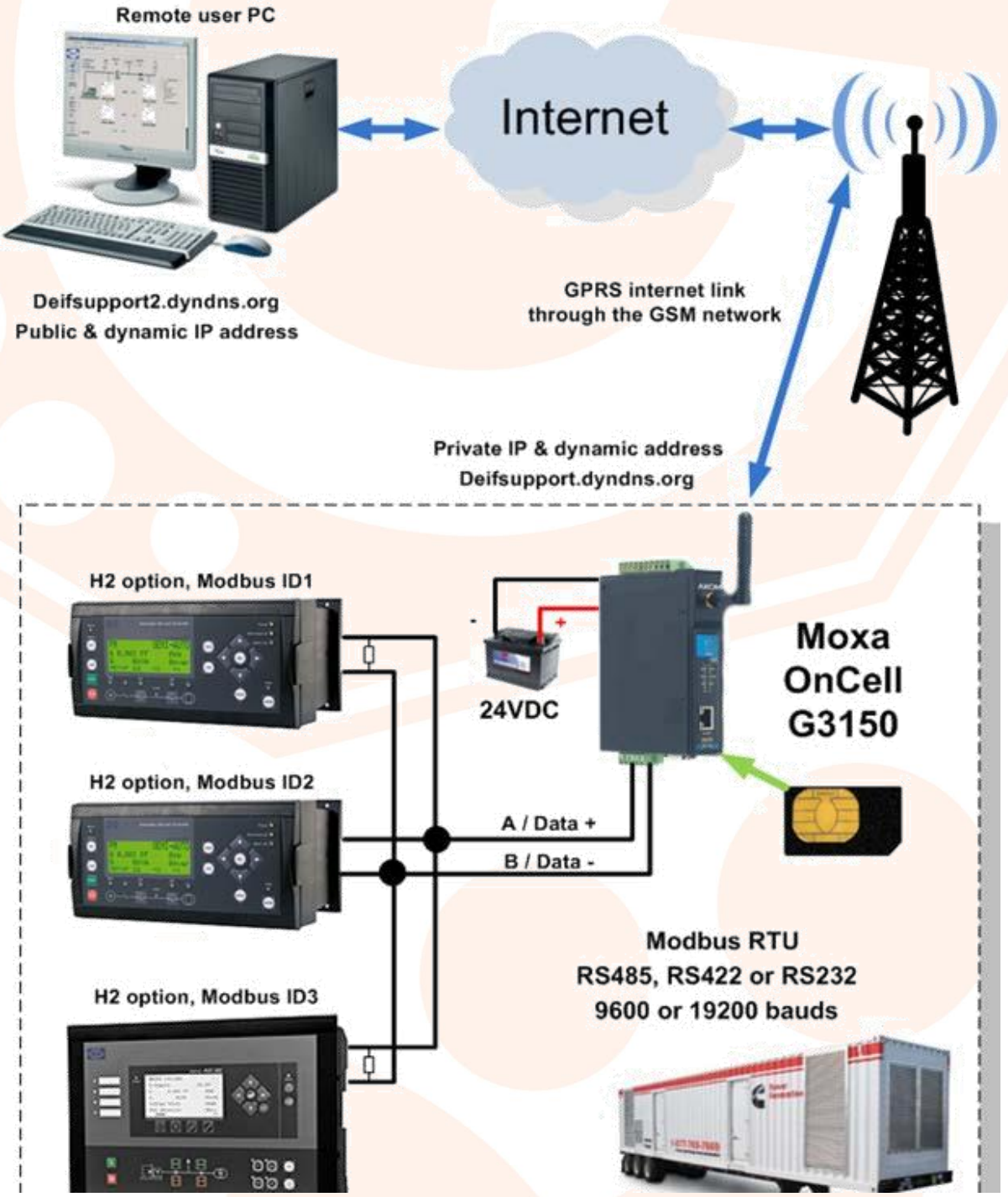

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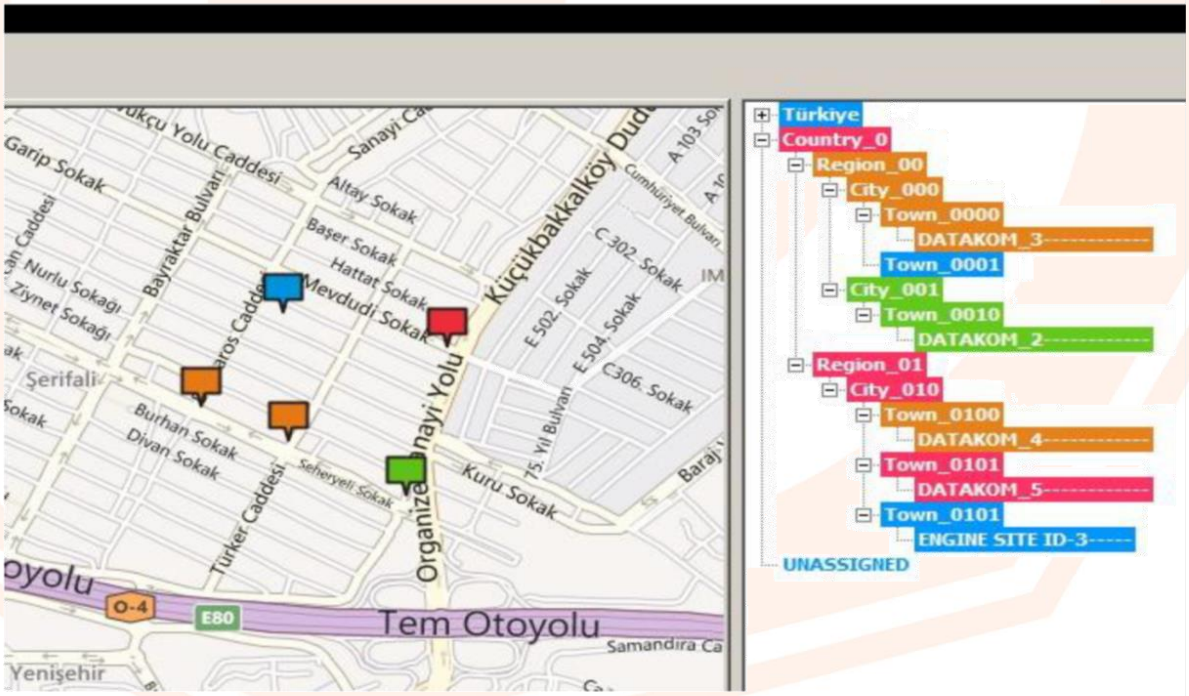
Color coding



Every genset is represented by a colour box, both on the map and on the right hand tree structure.

Colors on the map are sorted so that the most important information overrides other information.

On the right hand side tree structure, a controller with a fault condition will turn all upper levels to this color. As an example, if a controller shows a shutdown in a town, all these blocks will have orange color: the controller, the town, the city, the country.

Please check the controller DATAKOM_5 on the above picture. As the controller is red, Town_0101, City_010, Region_01 and Country_0 become red.

The color coding is as follows:

RED: The controller has a high priority fault condition (shutdown or loaddump alarm)

ORANGE: The controller has a low priority fault condition (a warning)

GREY: The controller has stopped communication with the Rainbow Scada program.

GREEN: The genset is running, there is no fault condition.

BLUE: The controller is at rest, genset is not running, there is no fault condition.