





INTERNET ENABLED GENSET CONTROLLER





REV-03 25.12.2014

MULTIFUNCTIONAL

THE SAME UNIT IS A ...

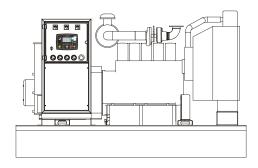


□ AMF UNIT

□ ATS CONTROLLER

□ REMOTE START CONTROLLER

□ ENGINE CONTROLLER



REDUCE YOUR STOCK ITEMS !







EASY TO USE PC CONFIGURATION PROGRAM: RAINBOW PLUS
PC PROGRAM CONNECTS THROUGH USB
REMOTE PARAMETER SETTING THROUGH INTERNET
ALL PARAMETERS FRONT PANEL ADJUSTABLE
DETAILED TRAINING MATERIAL







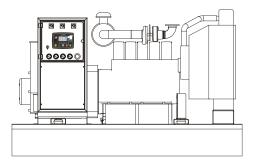




□ INTERNAL GPRS MODEM

□ USB DEVICE (PC CONNECTION)









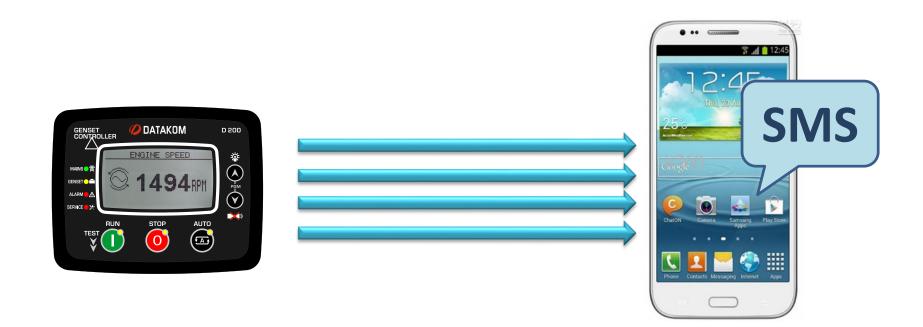
CONNECTION CAPABILITIES







SMS SENDING

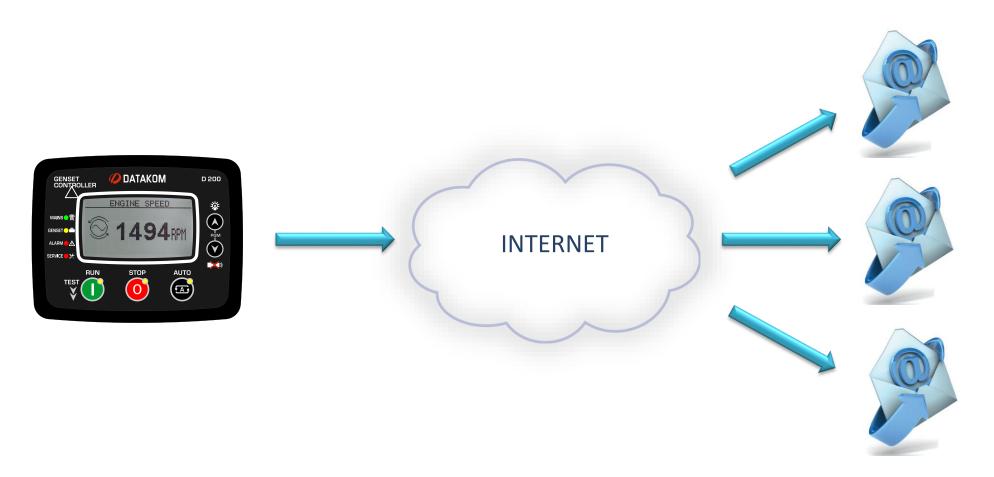


UP TO 4 DIFFERENT PHONE NUMBERS ALLOWED









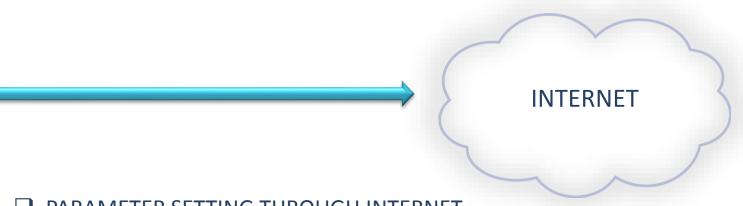
UP TO 3 DIFFERENT E-MAIL ADDRESSES ALLOWED





INTERNET FEATURES





□ PARAMETER SETTING THROUGH INTERNET

□ CENTRAL MONITORING THROUGH INTERNET



E-MAIL SENDING





REMOTE MONITORING





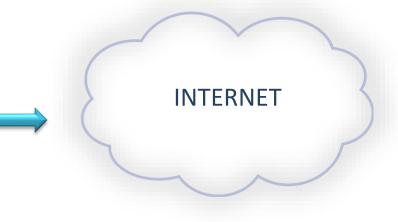


INTERNET CONNECTION



CONTROLLER

INTERNAL GPRS MODEM

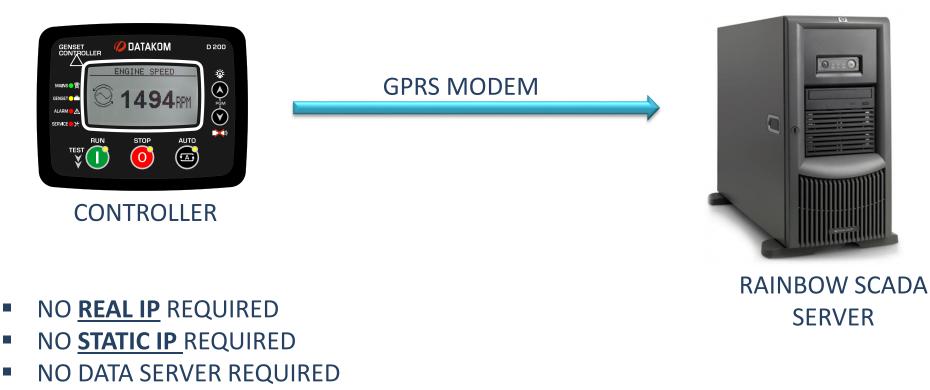






EASY INSTALLATION - GPRS

GPRS CONNECTION SUPPORTS DYNAMIC IP AND LOCAL IP !

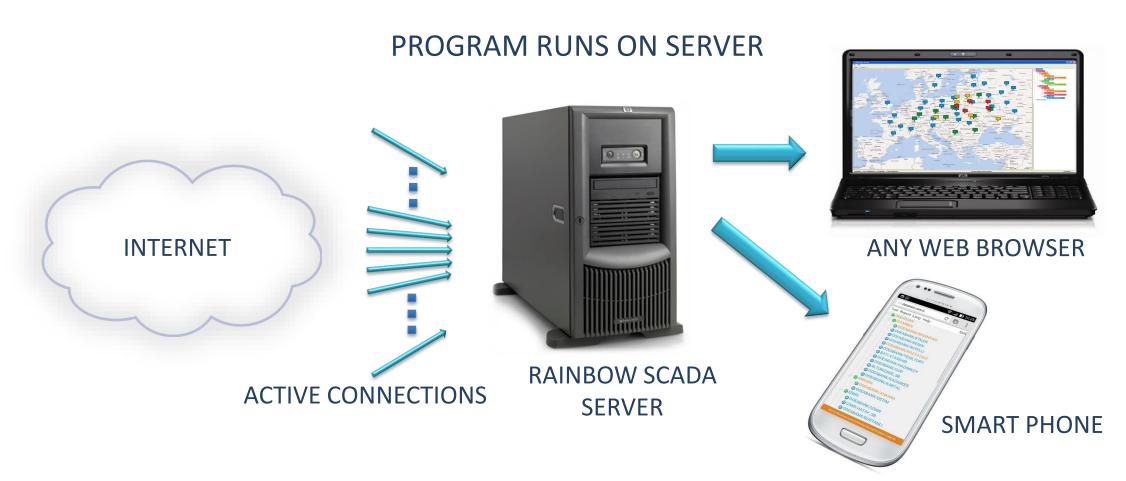


PLUG & PLAY WITH ANY DATA SIM CARD





RAINBOW SCADA PROGRAM



RAINBOW SCADA SERVER SUPPORTS 60'000 ACTIVE CONNECTIONS





CHART MODE DISPLAY

MONITOR YOUR COMPLETE FLEET ON ONE SCREEN



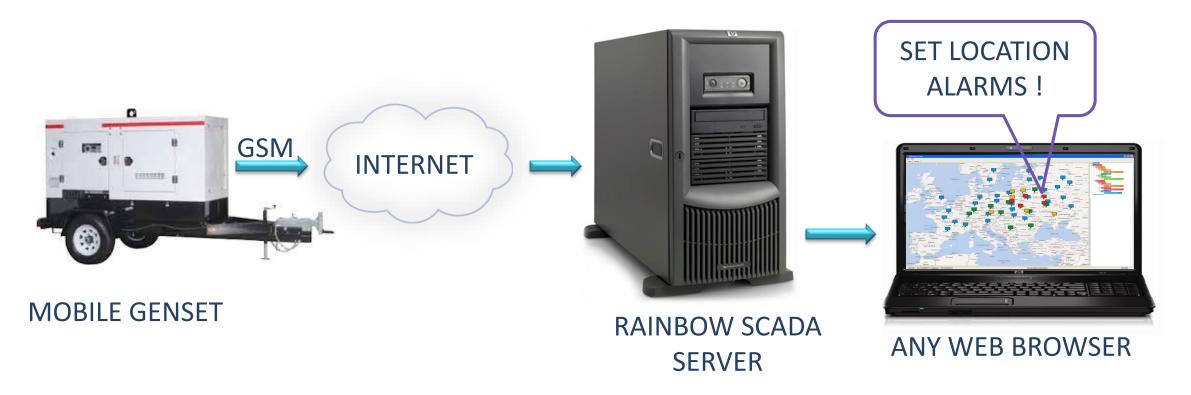
THE COLOUR OF THE BOX SHOWS DEVICE STATUS !





MOBILE GENSET SUPPORT

LOCATION DETERMINATION OVER GSM NETWORK

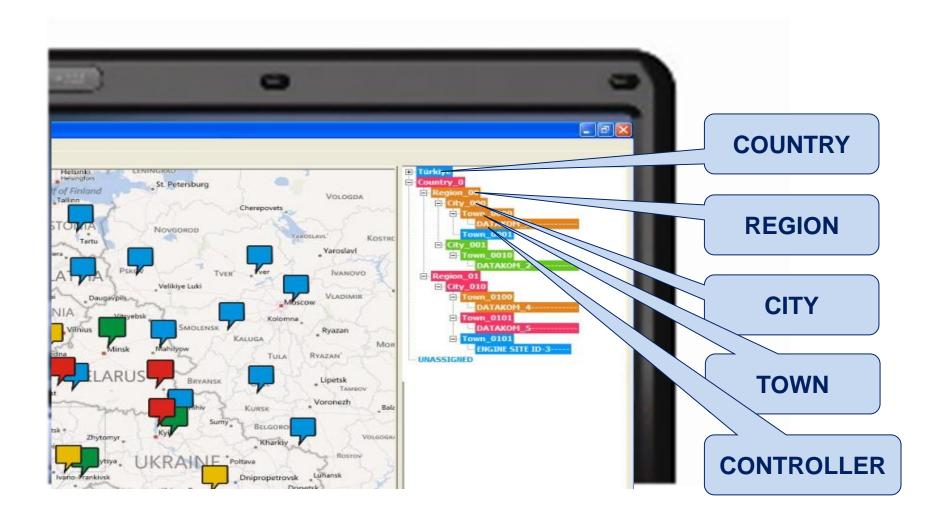


MONITOR YOUR MOBILE FLEET ON-LINE !





GROUPING OF GENSETS







TABLET PC & SMART PHONE SUPPORT

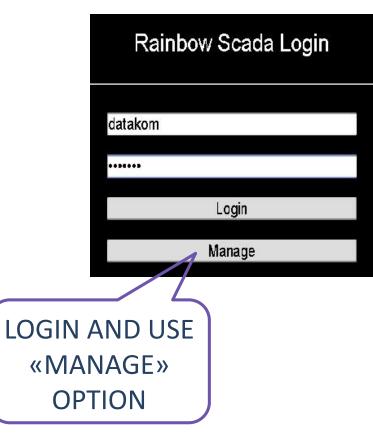


NO NEED TO DOWNLOAD APPS !





CREATE YOUR OWN ACCOUNT





NO NEED TO WAIT FOR SUPPORT





CREATE YOUR OWN SUB_USERS

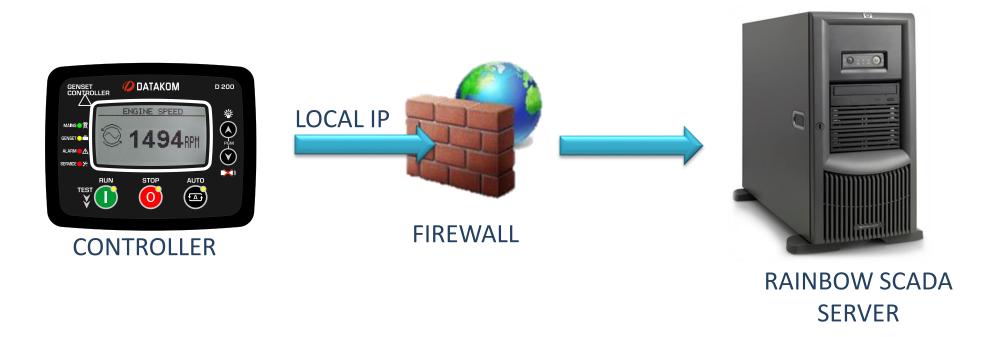








DATA IS SENT TO RAINBOW SCADA SERVER ONLY !



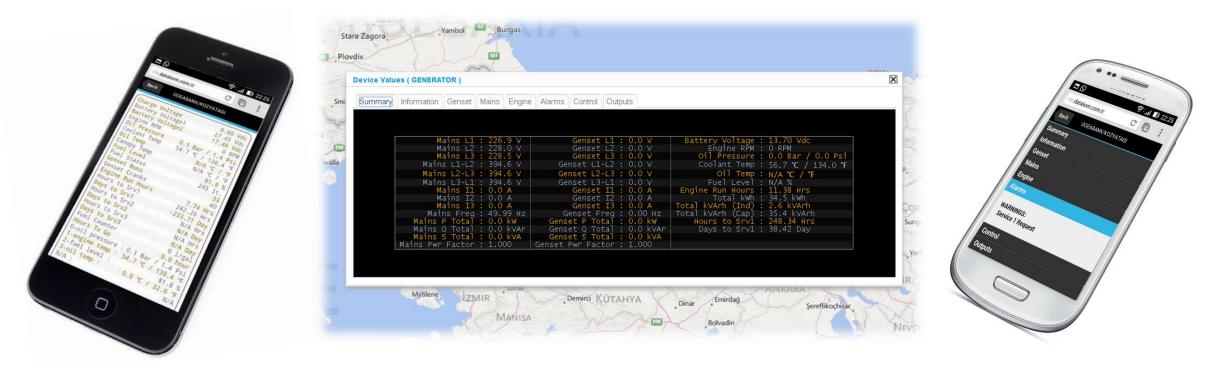
NOBODY CAN REACH YOUR CONTROLLER !





DETAIL MONITORING

MONITOR ONLINE & REAL TIME



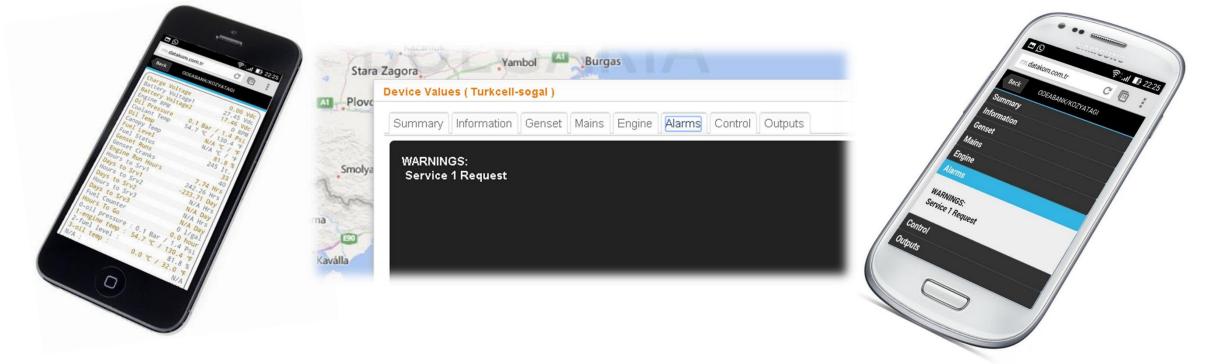
MONITOR WITH PC, TABLET OR SMARTPHONE





REMOTE ALARM MONITORING

MONITOR ONLINE & REAL TIME



MONITOR WITH PC, TABLET OR SMARTPHONE





REMOTE CONTROL & REMOTE FAULT RESET

RESET ALARMS ONLINE & REAL TIME





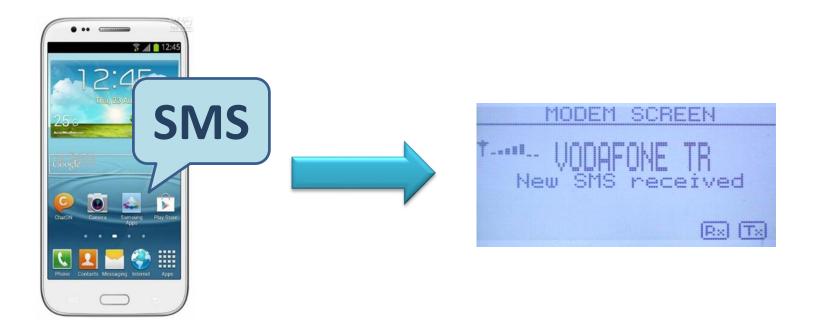
RESET ALARMS WITH PC, TABLET OR SMARTPHONE





REMOTE FAULT RESET VIA SMS

YOUR CRITICAL SITE IS ALWAYS UP !

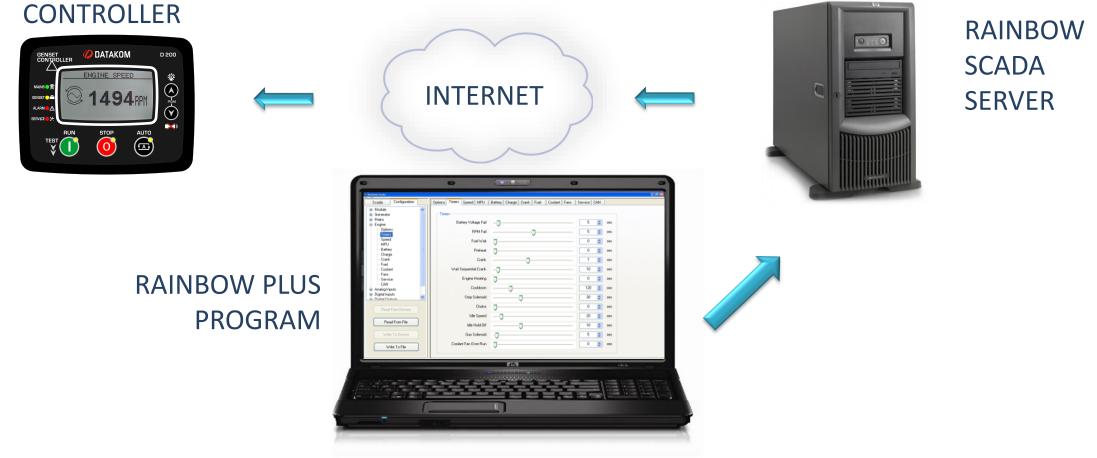


RESET ALARMS !





REMOTE PARAMETER EDIT



SAVE TIME AND SERVICE COST





DATA ANALYSIS

PAST DATA IS STORED ON SERVER !



DATA CAN BE SAVED AS:

- JPG FILES
- EXCEL FILES







ONLINE ALARM MANAGEMENT

DESIGNED FOR CONTROL CENTERS

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ALARM HISTORY IS RECORDED INTO DATABASE





CUSTOMER LOGIN HISTORY RECORDING

MONITOR SUB-USER ACTIVITIES

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LOGIN HISTORY IS RECORDED INTO DATABASE

HELPS TO INCREASE SECURITY !





DETAILED REPORTING

ALLOWS TIME-FRAMED REPORTING OF SELECTED PARAMETERS

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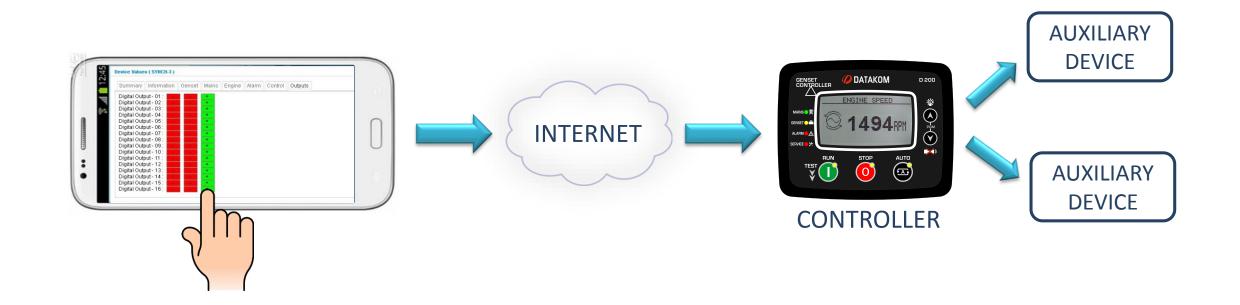
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- kW/fuel EFFICIENCY REPORTS
- POWER GENERATION REPORTS
- POWER CONSUMPTION REPORTS
- AVERAGE VALUES
- MIN-MAX VALUES

PROVIDES HELP FOR BETTER MANAGEABILITY OF YOUR FLEET !





REMOTE CONTROL OF AUXILIARY DEVICES







MONITOR ALL DATAKOM PRODUCTS

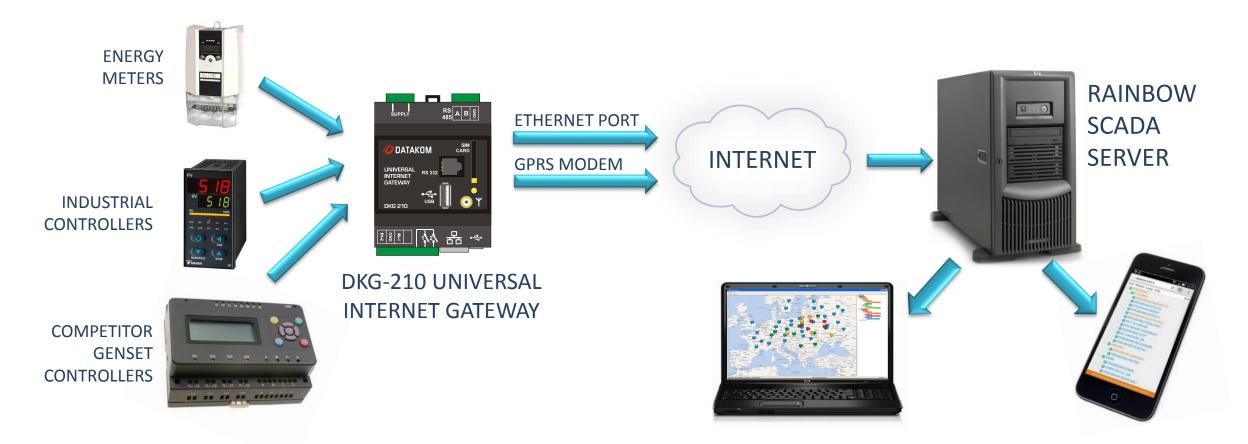






INTEGRAL APPROACH

MONITOR THIRD PARTY & COMPETITOR PRODUCTS

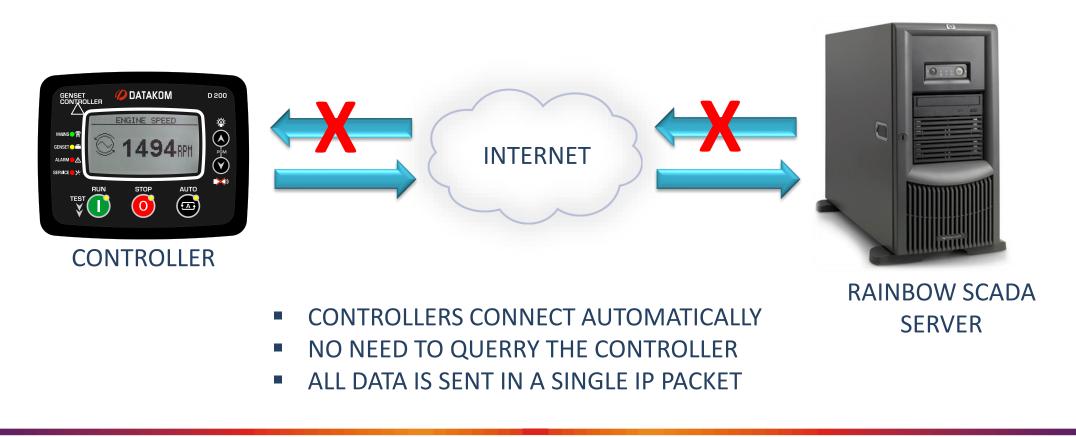








MONITOR YOUR SYSTEM WITH LOWER DATA COST !



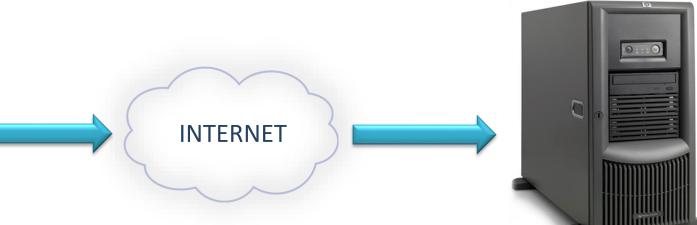






EACH CONTROLLER COMES WITH 2 YEARS FREE MONITORING





- 2 YEARS FREE MONITORING
- 6 MONTHS FREE REMOTE CONTROL
- 6 MONTHS FREE REMOTE PARAMETER EDIT
- 6 MONTHS FREE DATA ANALYSIS





IMMEDIATE FAULT DETECTION

REDUCE CUSTOMER'S DOWN TIME WITH FASTER INTERVENTION





NO!





FAULT SENSING BEFORE FAILURE

GENERATE ALERTS BEFORE THEY BECOME EMERGENCIES





LOW OIL



LOW BATTERY



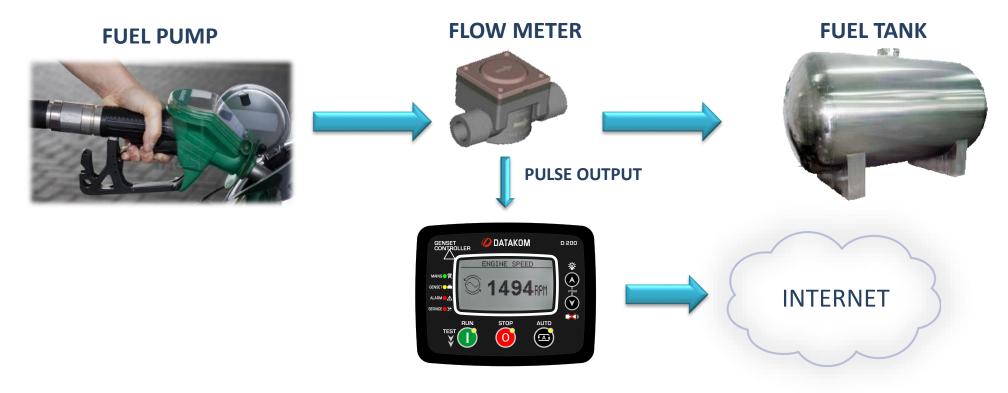






REMOTE FUEL FILLING MONITORING

CONTROLLER COUNTS FLOW METER PULSES



SAVE YOUR MONEY BY ELIMINATING FUEL FILLING FRAUDS !





FUEL CONSUMPTION MONITORING

CONTROLLER COUNTS FLOW METER PULSES



GENERATOR

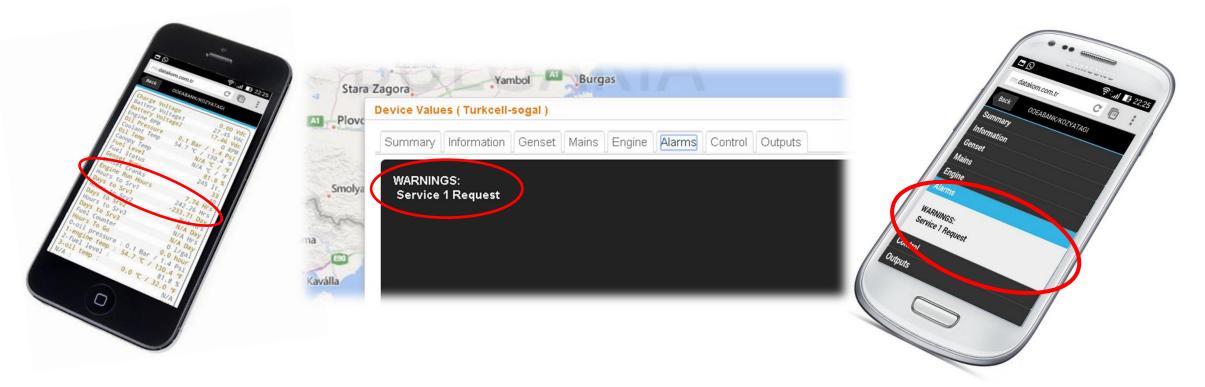
MONITOR YOUR GENSET'S **<u>kW/FUEL</u>** EFFICIENCY





REMOTE SERVICE MONITORING

REDUCE YOUR SPARE PARTS COST BY SERVICE PLANNING !



AVOID UNNECESSARY SERVICE VISITS





LESS MANPOWER FOR SERVICE

AVOID UNNECESSARY SITE VISITS





NO!

YES !





ADVANTAGES







- GENERATE ALERTS BEFORE THEY BECOME EMERGENCIES
- □ RESET FAULTS FROM YOUR CONTROL ROOM
- □ TEST YOUR GENSET FROM YOUR CONTROL ROOM
- □ REDUCE YOUR DOWN TIME WITH FASTER INTERVENTION
- □ AVIOD UNNECESSARY SITE VISITS
- □ REDUCE YOUR SPARE PART COST BY SERVICE PLANNING
- □ ELIMINATE FUEL THEFT
- □ ELIMINATE ENERGY THEFT
- □ ELIMINATE FUEL FILLING FRAUDS
- □ HAVE YOUR CRITICAL SITE ALWAYS UP
- □ HAVE DATA SECURITY
- □ INTEGRATE THIRD PARTY PRODUCTS IN THE SAME NETWORK
- □ CONTROL YOUR ENTIRE REMOTE STATION VIA D-300







