

BTS Monitoring

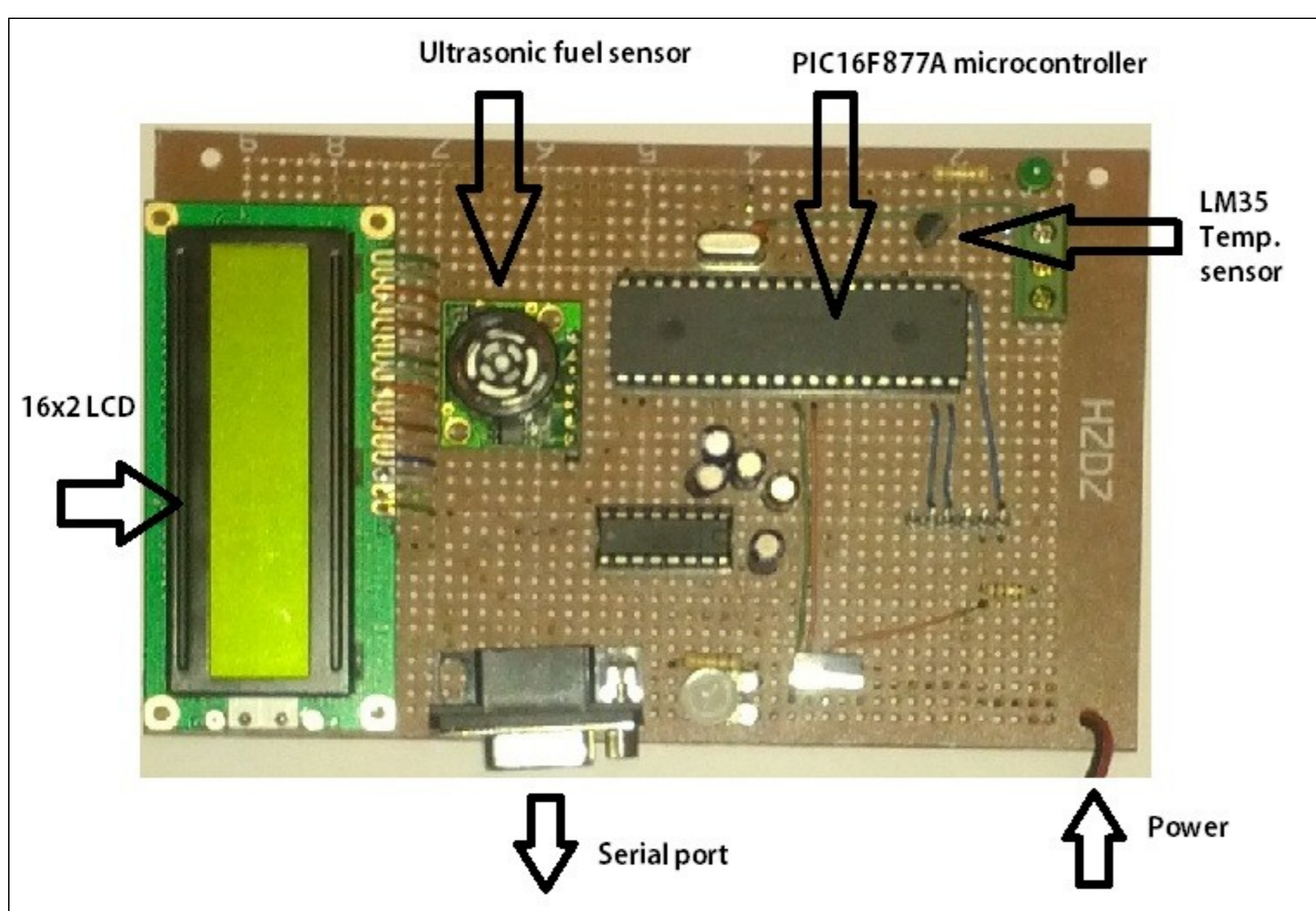
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Introduction

BTS-Monitoring will help telecom operators monitor their cell sites and GSM repeaters remotely using their website in order to detect problems faster and thus increasing mobile services uptime and reducing downtime.

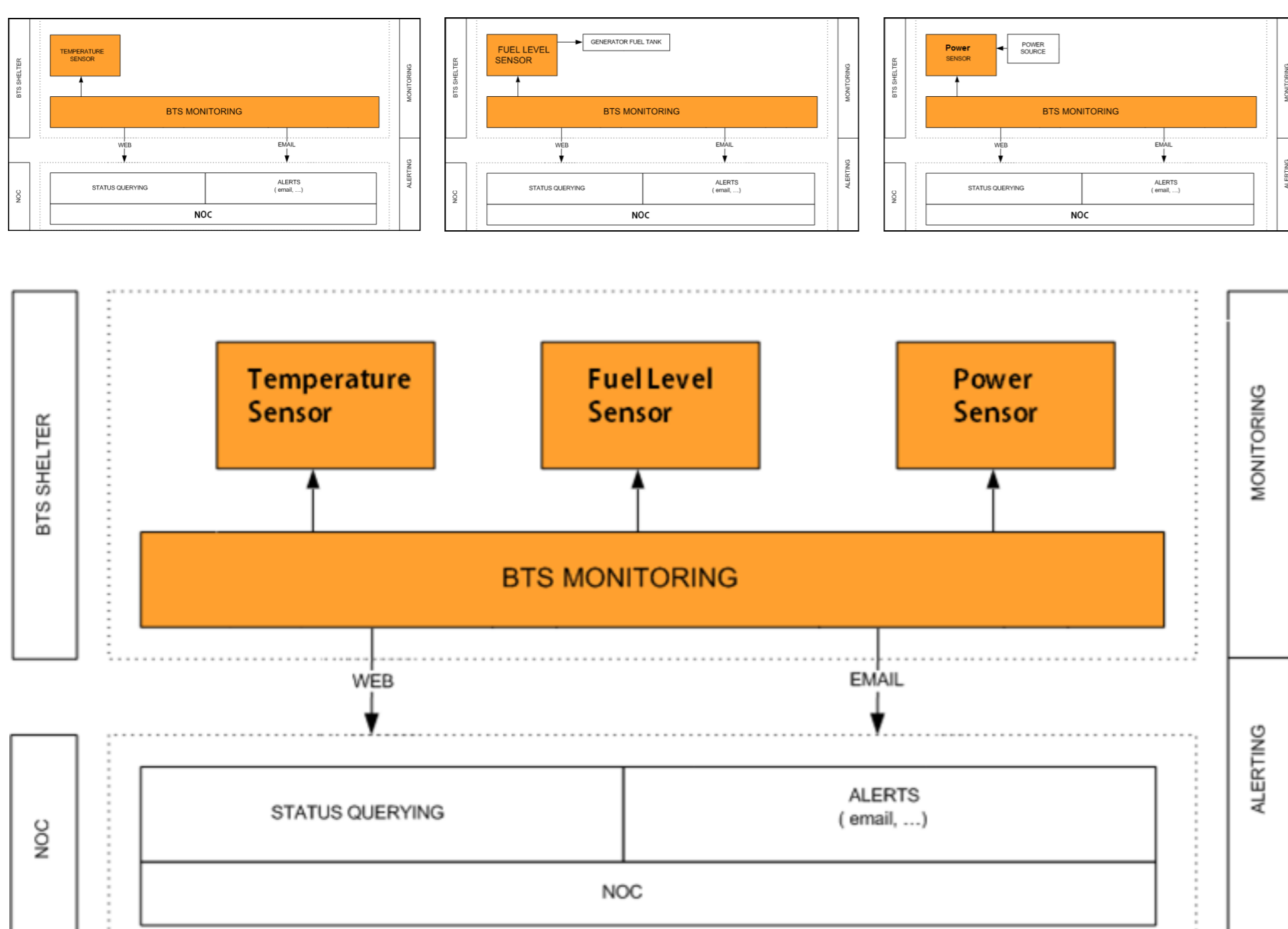
minimize downtime & maximize uptime



Objectives

1. Monitoring the temperature of the base station.
2. Monitoring the fuel level of the backup generator of the BTS.
3. Monitoring the power consumption of the base station.
4. Alerting the operators of the base station.

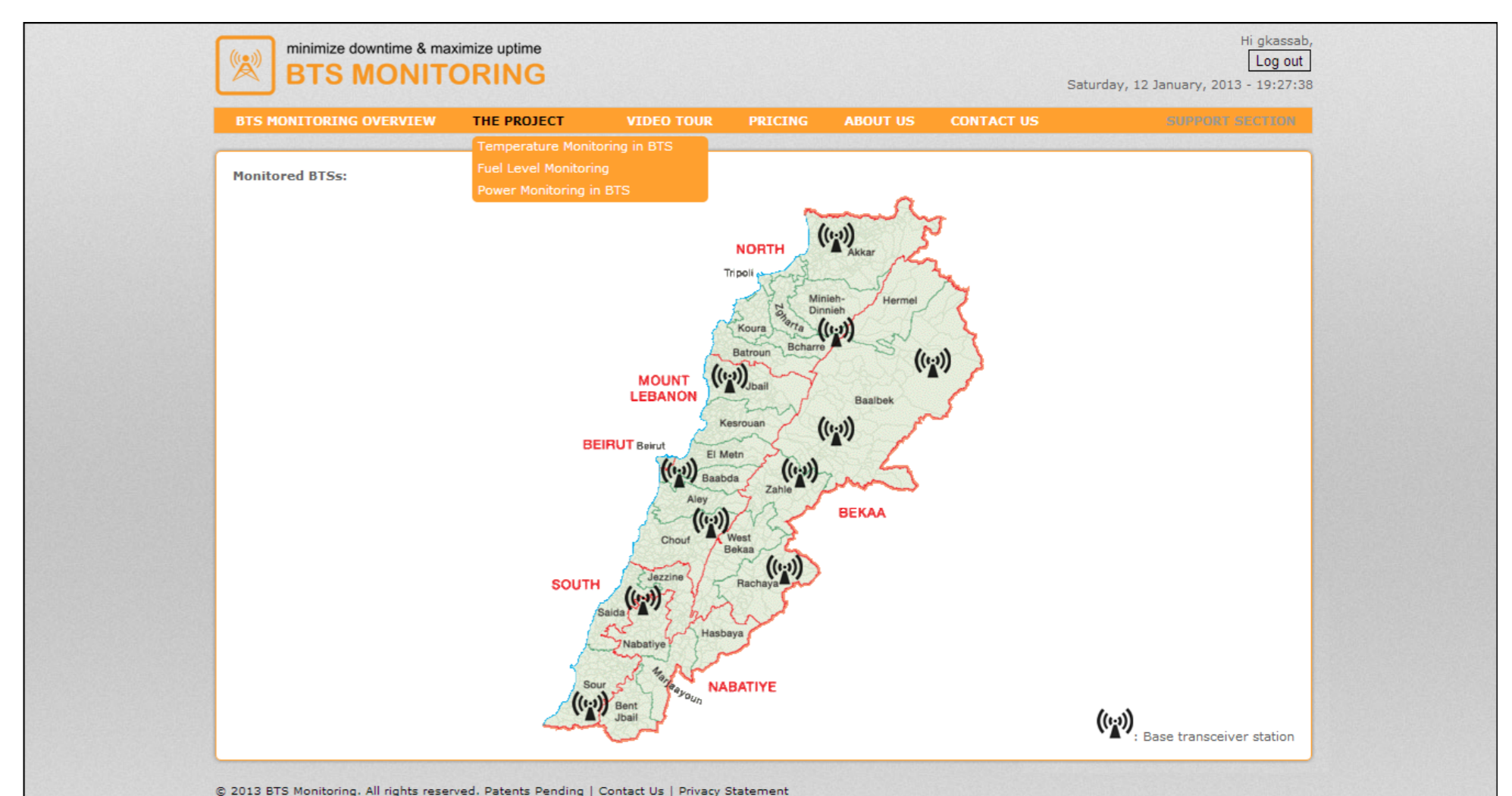
BTSM blocks



The website

The BTS-Monitoring website allows operator center to check all monitored base stations and display their info in a user friendly interface. To know more and take an idea, visit now

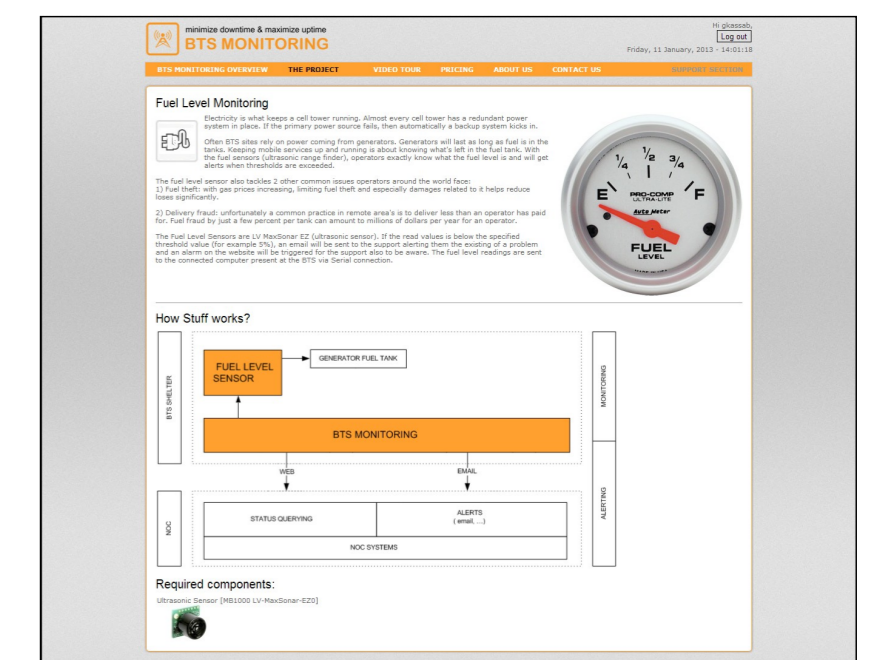
www.gtonics.net/demos/btsm



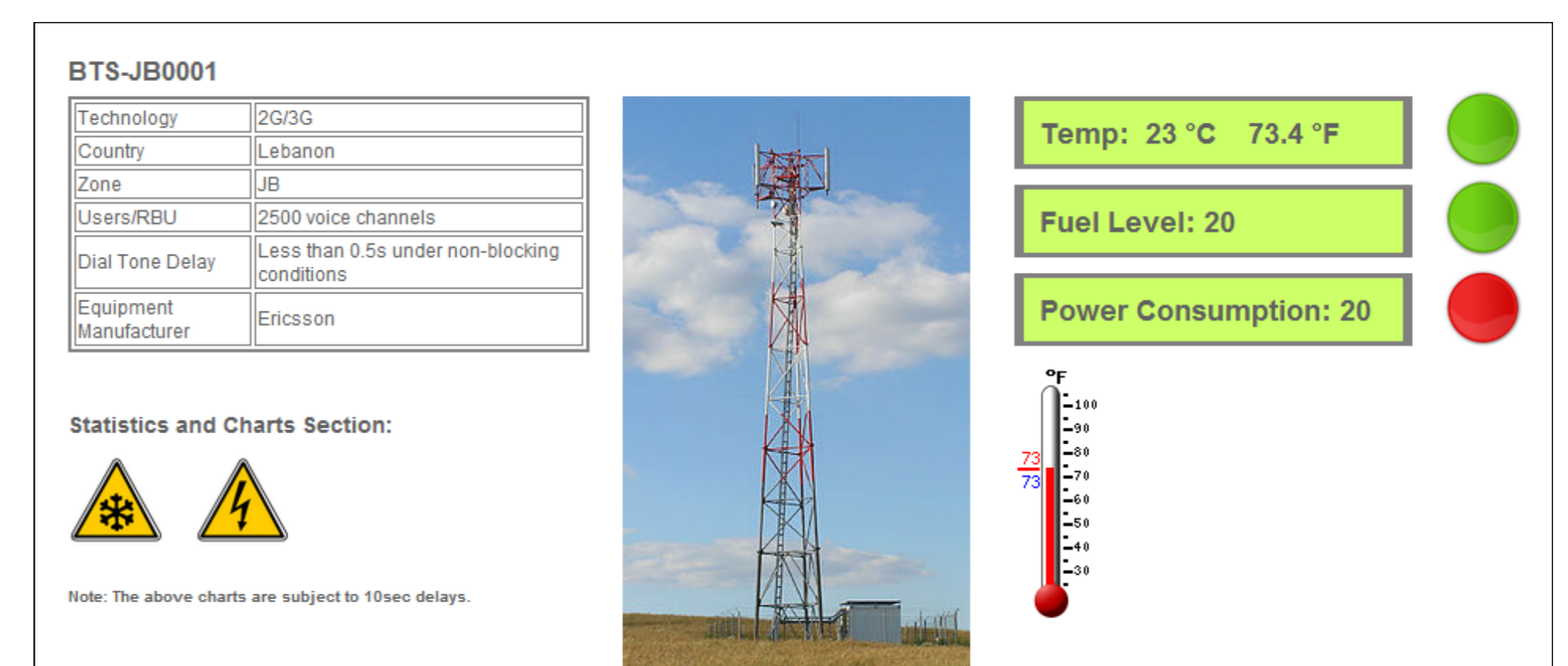
Steps to monitor BTS:

1. Login and go to "support section"
2. Select your BTS from map
3. Check live results and graphs

Try it NOW!! Username: test
Password: test



BTS remote view:



BTS-JB0001	
Technology	2G/3G
Country	Lebanon
Zone	JB
Users/RBU	2500 voice channels
Dial Tone Delay	Less than 0.5s under non-blocking conditions
Equipment Manufacturer	Ericsson

Statistics and Charts Section:

- Temp: 23 °C 73.4 °F
- Fuel Level: 20
- Power Consumption: 20

Note: The above charts are subject to 10sec delays.

Conclusion

BTSM remote monitoring is designed to provide comprehensive monitoring of telecommunication towers (BTS) enabling the operators to keep track of equipment failures, (fuel) theft, energy consumption and environmental conditions.

Any incident indicating a problem is detected immediately and transmitted to the operation center.