

GSM PLANT MONITORING SYSTEM



ADVANCED GSM PLANT MONITORING SYSTEM

ANOTHER INNOVATIVE CONCEPT FROM
THE MARKET LEADERS OF COMBINED
WASTE WATER AND SLUDGE TREATMENT



ADVANCED GSM TECHNOLOGY



Our latest Bio-Bubble compact incorporates a self contained GPRS/ GSM modem supporting all current mobile protocols. The modem is fully integrated creating a direct communication path for our latest Programmable Logic Controller (PLC) programme.



HOW IT WORKS

The PLC controls and monitors the plant continuously, in the event a fault develops, the alarm information and all the required text messages are processed by the PLC and forwarded to the modem for transmission to the designated recipient(s).



BENEFITS

This package offers more detailed alarms for all machinery, complete with time and date stamp, as well as daily/weekly reports detailing plant processing.

Optional ultrasonic level devices can enhance the alarms, indicating a partially blocked or inefficient pump as well as reports with true processed volumes.

LATEST INTEGRATION

Our GSM technology moves forward

The latest system also offers remote support enabling fully trained Bio-Bubble engineers to dial into the plant and diagnose problems with the customer on hand to do site checks. This can prove invaluable and in some instances has eliminated an engineer site visit. Should a visit be required, the time is kept to a minimum as our engineers come prepared for the job in hand.



This package is now offered as standard on all our compact ranges providing there is adequate mobile coverage at the site. Our engineers can perform a site survey using specialised monitoring equipment to evaluate which service provider would be best suited. Should O2 network coverage be available then alarms can also be forwarded to a clients email address.



CONTACT BIO-BUBBLE FOR FURTHER INFORMATION
ON UPGRADE OPTIONS



CUSTOMISATION

The system has been customised by the Bio-Bubble Innovations Department for end user flexibility. Remote access gives full control and any updates can be done seamlessly without any plant intervention or downtime. Should your site not have network coverage, an RF system with local monitor can be supplied as an option.



PLANT REQUIREMENTS

This upgrade package is available for old PLC systems but with limited alarm information.

Each Bio-Bubble system is site specific so costs may vary, all works are subject to a site visit and consultation with the client.

PAY AS YOU GO PACKAGE

The package includes a pre-registered pay as you go SIM pack with credit already applied that should last approximately 2 years*

** If reports not active*

NO CONTRACT - NO HASSLE

Credit Top Up will be assessed during annual service and applied if necessary



Your E Top-Up swipe card will be attached to your plant file located at Bio-Bubble HQ



Hassle free Pay As You Go SIM card

UTILISING THE LATEST GSM CELLULAR TECHNOLOGY

- GSM Technology • Pay **As You Go** or **Contract** SIM pack **Compatible** with all **major** network providers • **Automated** plant **monitoring** • Low maintenance
- Flexible and **unobtrusive** installation
- Remote **offsite** support



- Single Tank System • Twin Tank System
- Dual C/U Operated Plants
- Future Projects • Upgrades

For Further **Information** Contact Us :
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