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FLOOD WARNING

DYNAMICALLY MONITOR AND ALARM TO AVOID FLOOD DEVASTATION

"THE METASPHERE UNITS WORK VERY WELL, ALLOWING CRUCIAL FLOW DATA TO BE RETRIEVED TO SATISFY REGULATORY COMPLIANCE FOR WATER COMPANIES AND ENVIRONMENT AGENCIES THROUGHOUT THE UK"

Metasphere provides customised flood warning systems which can dynamically monitor and alarm when a predetermined risk level is exceeded.

Each system can consist of up to 12 sensors monitoring an array of flood-related parameters including: rainfall, soil moisture, ground water, river levels, flow-rate, sewer levels and water velocity.



THE PROBLEM

Recent years have seen a large increase in the volatility of weather systems around the worlds, resulting in more dramatic rainfall events and rising water levels far more frequently than ever before.



THE RISK

Without suitable monitoring and the information it provides, businesses, property and humans are exposed to the most perilous events our weather produces, increasing the risk to livelihoods and life.



THE SOLUTION

Monitoring systems must provide near real-time data on water levels and flows, rainfall data and even soil moisture. Timely delivery of information and warnings enables vital defensive action.

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HOW DOES THE METASPHERE SOLUTION WORK?

Metasphere's monitoring systems, using the **Point Colour** range, can take inputs from up to 12 sensors. These sensors are monitored on a predefined interval, relevant to both the site, and the sensors being deployed.

Point Colour remote telemetry units (RTUs) can be configured to dynamically increase the measurement rate and dynamically dial in if one of the user-definable alarm levels is breached.

Data can be sent back to either:

- **Metasphere**'s data visualisation service, **Palette**, where users can view the received data or make use of both the email and SMS alarm functionality. The latter is particularly useful for receiving alarms out of hours.

or:

- Client's **FTP or DNP3 servers,** where subsequent alarms can be generated by the user, or data can be used to perform control functions.



FIND OUT MORE!

If you would like to dynamically monitor and alarm flood risk levels, get in touch to find out how **Point Colour** RTU devices can transform your network:

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