

OMNIA (NW)

WIRELESS TECHNOLOGY



Robust Measurement & Monitoring

THE GLOBAL LEADER IN INDUSTRIAL PROCESS FLUIDS

"We continually improve and innovate so our customers can stay ahead in a changing world. Optimizing processes, reducing costs, advancing safety and sustainability ... and driving progress. We take on our customers' challenges as our own, bringing the right combination of science, engineering, and business savvy so they can meet the future fully confident that their operations will run even more efficiently, even more effectively ... whatever comes next."



ENGINEERING

CLIENT



Quaker Houghton (NYSE: KWR) is the global leader in industrial process fluids. With a robust presence around the world, including operations in over 25 countries, our customers include thousands of the world's most advanced and specialized steel,

aluminum, automotive, aerospace, offshore, can, mining, and metalworking companies. Our high-performing, innovative and sustainable solutions are backed by best-in-class technology, deep process knowledge and customized services.

With 4,000 employees, including chemists, engineers and industry experts, we partner with our customers to improve their operations so they can run even more efficiently, even more effectively, whatever comes next

APPLICATION

Utilisation of Omnia (NW) sensors, gateways, platforms and reporting on highly specific engineered machinery.

- › Built in sensors
- › Power and Torque and Cutting Spindle
- › Integration with indigenous information technology and software for ease of reconciliation
- › Allows to recompute actual motion, vibration (at least 10 kHz) and speeds
- › Monitoring of temperature under variety of test conditions
- › Early detection of any component fragility or potential wear or breakdown
- › Flow measurement per second
- › Flexibility on positioning of sensors.

All monitoring and testing of wireless technology in conjunction with leading, specialist educational institution (Training 2000) in Advanced Manufacturing.



"We will be carrying out further analysis on a number of our metalworking products at AMAC and we would like to consider using your "Gateway"

UK Direct
Sales Manager

SENSORS FOR ALL THINGS IMAGINABLE

OMNIA (NW)

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