



## ENVIRONMENTAL MONITORING SYSTEM UWEDAT

### The high-performance sensor network

UWEDAT is a high-performance and high-precision sensor network solution for air, water, soil, traffic, CBRN contamination, electromagnetism, weather & industry monitoring. UWEDAT, as a robust but flexible system, is the only solution that manages the balancing act between a stationary certified “fit for purpose” solution and a modern toolbox that is also open for other industries, other measurement hardware and the integration of area data.

With the UWEDAT tools, collected data can be interpreted via interfaces for official reporting and the initiation of defined automatic actions can be triggered in case of limit violations or hazard detection. The UWEDAT sensor network convinces with its modular hardware and software structure, robust station computers, high-performance measuring network centres and process-related integration in organisation-specific data use scenarios. Beyond client work, our team has always engaged themselves in research on trending technologies for sensor networks, e.g., the inclusion of IoT devices in sensor networks or UAV-/satellite-based monitoring techniques.

#### MAIN CHARACTERISTICS OF THE SOLUTION:

- New sensor networks & tools: UWEDAT is the customizable and modular sensor network for industrial and public monitoring domains.
- Upgrade networks: UWEDAT can grow your sensor network: a) integration of existing sensors, b) additional capabilities.
- Solution consulting: Consulting on solution design or offer management for new sensor networks, as well as expert analysis of raw data.
- Client Research: Targeted client research or development work for sensor networks, IoT or related aspects.

#### SELECTED REFERENCES

- Austrian Environmental Monitoring in Upper Austria, Carinthia, Vienna, Lower Austria
- Switzerland
- Indonesia, Jakarta

#### FURTHER INFORMATION

- [www.cooperative-digital.solutions/uwedat](http://www.cooperative-digital.solutions/uwedat)

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