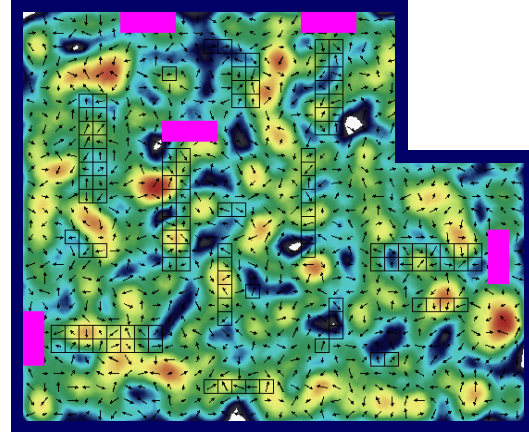


Robotically collecting temperature, humidity and three-axis air flow data throughout a facility that is then analyzed and interpreted into useful results is now available with the utilization of Valbrea's Environmental Assessment and Analysis Service. Optimization of facility and data center performance for a reduction in power and cooling expenses is crucial to the expansion of capacity within each facility. Valbrea can provide detailed information and interpretation of data on the environmental aspects of their true operations thus allowing you to make immediate decisions that result in reduced operating expenses. Valbrea's three-axis, 3-D assessment (temperature, humidity, and air flow conditions) is a groundbreaking approach to analysis of real-world, real-time environments. These readings are taken across a grid of all available space within a facility. Information is usually gathered within a 2', 3' or 4' horizontal direction with stratified reading heights of 24", 48", 72" and 96" from floor level; however, as many points of data as desired by a customer can be achieved.



Traditional methods of collecting environmental data through individual temperature and humidity sensors at specific points within a facility has extreme limitations and is labor intensive. Valbrea's robot delivers results that will allow you to make adjustments where you know they truly need to be made based on the actual dynamics of the physical environment. The deliverables from Valbrea's Environmental Assessment and Analysis Service provides practical assessment and 3-D analysis of your real-time environment include:

- ◆ Graphical Topology Map types at each stratified level chosen beginning at floor level throughout the facility: Temperature, Humidity, Three-Axis Airflow
- ◆ Laser created facility floor plan map (10mm tolerance)
- ◆ Database of all collected data referenced by the universal grid
- ◆ Identification of "Hot Spots", air-mixing and other problem areas
- ◆ Recommendations for potential increased efficiencies

## ATTACKING THE ENVIRONMENTAL CHALLENGE

With the entire assessment and analysis process taking less than one week on average, the justification of confirming the normal and abnormal environmental behaviors is unparalleled. Valbrea's unbiased results help to extend the life of equipment and reduce operating costs.

Contact [sales@valbrea.com](mailto:sales@valbrea.com) to receive your price quote. It's time to economically verify and determine best practices for your facility.