



® Knowledge Beyond Measure.

# TSI OmniTrak™ Solution in Action

## Environmental IAQ Consulting Services

### Background

TSI Incorporated is a global leader in precision measurement instruments and monitoring solutions. With a strong focus on air quality and worker/occupant safety, TSI develops platforms like the **TSI OmniTrak™** Solution, a modular system that allows facility managers and safety officers to track multiple parameters in real time. Paired with **TSI Link™** Report Creator, **OmniTrak™** Solution simplifies data collection, streamlines reporting, and adapts to evolving safety requirements.

Independent environmental and occupational hygiene consulting firms are under increasing pressure to deliver faster, more comprehensive investigations while managing cost, staffing, and client expectations. These firms support a wide range of applications, from workplace exposure assessments and IAQ complaints to commissioning, cleanroom verification, and community-linked environmental studies. To stay competitive, consultants need flexible tools that allow them to measure multiple parameters simultaneously, adapt quickly to new projects, and communicate results clearly.



### Challenges

- Diverse project types requiring different measurement approaches
- Reliance on multiple single-purpose instruments
- Time-intensive fieldwork and reporting workflows
- Client demand for faster, clearer results



### Solution

- Deployed **OmniTrak™** Smart Stations with configurable IAQ and gas modules
- Used time-synced, multi-location monitoring to capture representative conditions
- Integrated OmniTrak data with existing tools such as **DustTrak™**, **Q-Trak™**, and **BlueSky™** monitors
- Leveraged **TSI Link™** Report Creator for rapid visualization and reporting



### Benefits

- Faster investigations and project close-out
- Reduced equipment, labor, and training costs
- Clear, defensible communication with clients

TSI OmniTrak™ Solution enabled a shift from reactive measures to intelligent monitoring... and that's how efficiency meets intelligence.

## Detailed Results

By shifting to a modular, multi-parameter monitoring approach, consulting firms were able to streamline both field investigations and reporting workflows. Instead of deploying separate instruments for particulate matter, gases, and ventilation indicators, consultants configured OmniTrak solutions with the appropriate modules for each project and deployed them in parallel across multiple locations. This allowed firms to capture more representative data in less time.

Across a range of IAQ and occupational hygiene projects, consultants reduced overall investigation time by an estimated 20–40%. Fewer site visits and automated, Excel-ready reporting shortened project timelines and helped consultants deliver results while still on site or shortly after data collection. In commissioning and certification projects, faster reporting supported quicker issuance of occupancy documentation and earlier payment milestones.

## Looking Forward

As client expectations continue to evolve, consulting firms need tools that scale with their services. The OmniTrak™ Smart Station, paired with TSI Link™ Report Creator, provides a flexible platform that supports routine IAQ surveys, task-based exposure assessments, and complex multi-site studies. By complementing high-precision instruments and continuous outdoor monitors, OmniTrak Solution helps consultants expand capabilities, improve efficiency, and deliver greater value to their clients.



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TSI Incorporated - Visit our website [www.tsi.com](http://www.tsi.com) for more information.

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