iESMACH | WellStat

Rest APIs

Data, When and How You Need It

WellStat is an Indoor Air Quality (IAQ) monitoring system that monitors your indoor environment and accumulates data in real-time, 24/7. Since one or hundreds of WellStat monitors can be utilized across a building portfolio, we work to provide you with easy access to this data through our REST APIs, allowing you to unlock the full potential of this powerful system.

Getting Connected

Once your system is installed, WellStat will provide you with access to our fully documented API library, including technical documents. These documents provide specific instructions on how to request and receive data and even provide live examples of how you can use data in your environment. WellStat is a secure system that supports JSON or XML across UTC or your Building Local Time as specified. Using these APIs, you can offer limitless options to various stakeholders within your environment including engineers, managers, external systems, auditors and occupants.

Device Response Example

```
{ "deviceId" : 1482,
  "iaq" : 10,
  "sensors" : [ {
    "id" : 8257,
    "name" : "TVOC_AVG",
    "unit" : "%",
    "sustainedData" : [ {
      "timestamp" : "2020-10-10 12:00",
      "value" : 0.0,
      "status" : 0,
      "iaq" : 1
    } ],
    "rawData" : [ {
      "timestamp" : "2020-10-10 12:00",
      "value" : 0.0,
      "status" : 0
    } ...//All Data]
  }... //All Sensors]}
```

End Points

/sites

Retrieves the list of buildings monitors avaliable including location, timezone, and square-feet.

/wellstat/data/devices/{siteId}

Retrieves the list of monitors at the associated site. Includes status, available history, sensors array parameters with units, and in-building location.

/wellstat/data/hour/{deviceId}

Retrieves the IAQ score for the monitor at the requested hour, the hourly sustained values for each sensor array parameter.

/wellstat/data/day/{deviceId}

Retrieves the IAQ score for the monitor at the requested day, the daily sustained values for each sensor array parameter.

Accessing the API

Once you get access to the WellStat platform, you can access our technical documents at https://api.iesmach.com.
If you have any questions you can always reach us at support@iesmach.com.