

## COMPANY OVERVIEW

*Finally, Detailed Weather Data Where you Need it, How you Need it*

### How we are different:

#### Worldwide virtual weather station network

- Network of over 640,000 Virtual Sensor Stations™ (compare with only a few thousand global reporting weather stations with hourly data back to 1979)
- For the first time, quality current conditions, forecasts, 30-year history and TMY files, can be produced for **any location in the world**.

#### Commercial grade data

- Data is gap-free, reliable input for commercial systems, models, applications, and devices.

#### Easy access and delivery

- Direct access portal with graphical review & API
- **Web Service access** – current, forecast & history
- User-specified formats and automatic delivery
- User-controlled e-mail and text alerts

#### Support for private sensors

- Accepts private, on-site sensors for very precise, higher frequency forecasts (*Private Sensor Point™*)

#### Customizable

- Specify Custom Weather Variables
- Accepts private on-site sensors or sensor arrays
- Accommodates individual output formats and data transfer mechanisms

### Background

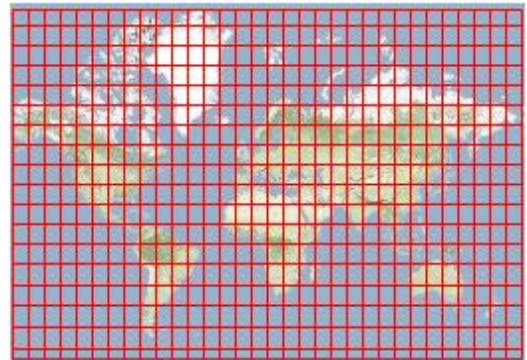
To categorize/predict the climate at any location ideally requires at least 30 years of hourly observation history. Unfortunately, only a relative handful of quality reporting sensors have been operating for that period, less than 1000 METAR stations with over 80% complete reporting.

Five years in development, Weather Analytics' Sensor Point™ system using the NOAA/NCEP/CFSR data as a base, constructed a network of **Virtual Sensor Stations™** to provide high-quality, localized, hourly weather history data including 30+ year time-series, TMY and EnergyPlus (EWP) files **where they were never available before**. Further Sensor Point™ can be used to place your own **Virtual Sensor Stations™** to generate precise current conditions & hourly forecasts exactly where you need the data.

### For precision weather, either:

#### 1) Access the **Virtual Sensor Station™** Network

The **Sensor Point™** system was used to place over 640,000 Virtual Sensor Stations™ (VSS™) across the entire globe, one every 35-km, and have them constantly providing current conditions, forecast and over 30 years of hourly time series data on-demand for anywhere between the polar ice caps. Output for any VSS™ is available through our web data service.



#### 2) Place your own Sensor – anywhere

- Position your own **Virtual Sensor Station™** or
- Add a private on-site sensor or sensor array and create your **Private Sensor Point™** for:
  - Very precise, higher frequency forecasts
  - Precision building energy management
  - Precision wind and solar forecasts



Visit our website or [click here](#) to contact us.