SolarTrac 4.0®

The Pinnacle of Solar Management for Optimum Performance

Mecho's state-of-the-art automated shading system has been enhanced to make shade automation easier and more efficient than ever. Designed to maximize the natural daylight in your building, increase energy efficiency across multiple glass facades, ensure occupant comfort and performance, and improve building energy management—all while preserving valuable views to the outside.

Features

- SolarTrac 4.0 adjusts shades based on proprietary algorithms that precisely predict the sun's position based on date, time, building GPS location, and glass façade orientation

- Rooftop radiometers assist to determine real-time sky conditions to adjust shades accordingly

- Precise daylight harvesting saving up to 70% in lighting costs

- Reduce solar-heat gain, which decreases demands on HVAC systems

- Alleviate solar glare to create a more comfortable, productive environment for building occupants

- SolarTrac 4.0 shade automation can help contribute to your building's LEED and WELL certification

Innovative, Technology-Driven Performance

- Self-diagnostics to alert you to potential maintenance needs

- SolarTrac 4.0 is PC-based supporting smart phone access and allowing up to 100 simultaneous users
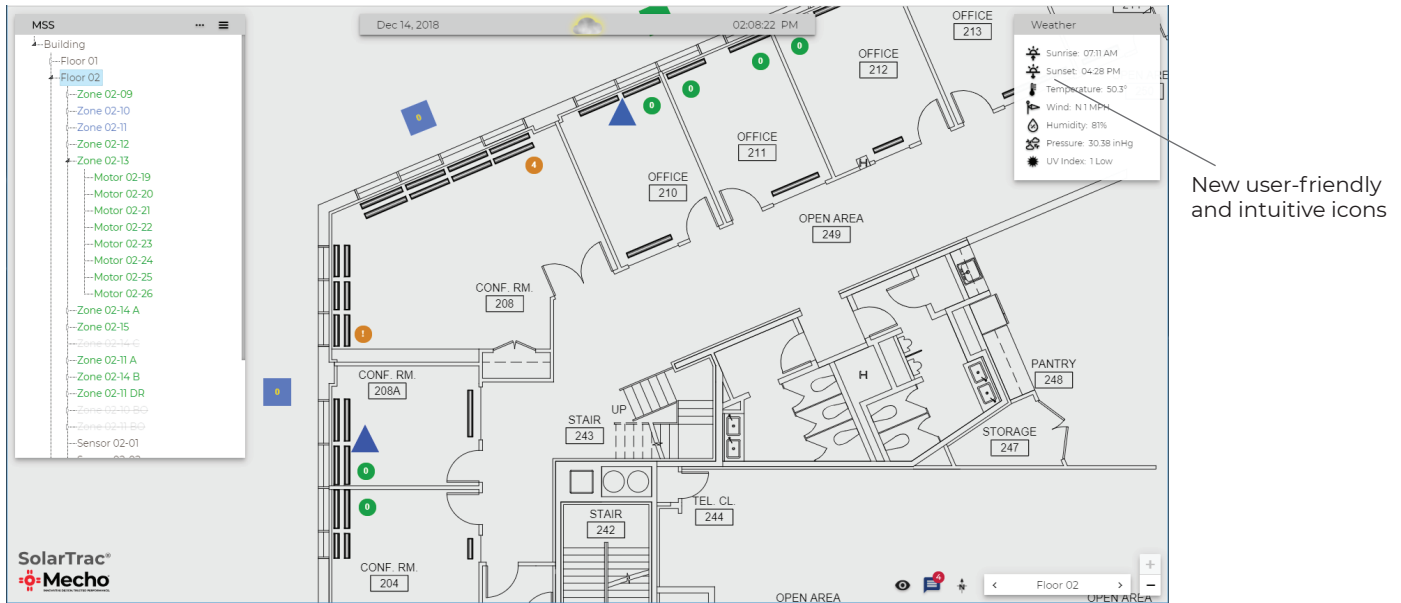
Precise Shading Control through Automation

- SolarTrac 4.0 Incorporates an open BACNet certified system that works with all major building automation systems for peak building efficiency

- Manage 1,000 or more shade zones, with continuous minute/day/year analysis to control a comprehensive automated shading system for the entire project no matter the size

- Allows for manual override in any individual shade or shade zone based on occupant comfort preferences

Mecho®
INNOVATIVE DESIGN.
TRUSTED PERFORMANCE.

(718) 729-2020
mechoshade.com

M19003_SolarTrac 4.0

SolarTrac 4.0®

The Pinnacle of Solar Management for Optimum Performance

New user-friendly
and intuitive icons

SolarTrac Browser Interface

• Navigate between floors, zones and shade motors to check status and override position when required.

• Interactive floor plan provides intuitive graphical access to zones and motors on each floor.

• Setup key zones for quick access viewing and service from the home screen.

• Customize configuration settings for zones and motors.

• Setup users and define access permissions and passwords.

Mecho®
INNOVATIVE DESIGN.
TRUSTED PERFORMANCE.

(718) 729-2020
mechoshade.com