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FOR IMMEDIATE RELEASE

The Award-Winning SunDialer® Provides Comfort, View, and Energy Savings—Automatically

LONG ISLAND CITY, N.Y.—MechoSystems' SunDialer, the automated shade-control system for small-scale and retrofitted projects, continues its streak as the most advanced shade-control system in the market. The program is housed in an enclosure the size of a cigar box.

The industry has recognized SunDialer with these citations:

- WCMA Product Innovation Award, Green Products/Energy Efficiency category for Best Technical Innovation.
- EXC!TE Award, CEDIA Expo.
- LFI Innovation Award for Controls, Daylight Integration and Systems, LIGHTFAIR International.

SunDialer automatically raises and lowers shade bands based on real-time sun and sky conditions. This technology is a significant technological leap forward over competing systems, which rely on a simple timer configuration that cannot react to changing weather. SunDialer, which can, is based on more than 50 years of MechoSystems' experience. It tracks the position of the sun and monitors conditions via the highly sophisticated solar-tracking logic of SolarTrac—MechoSystems' elite WindowManagement® system.

How it works

The SunDialer System's built-in logic provides the optimum amount of daylight for a building while using shade cloths that still preserve views to the outside. Buildings automatically reap all the benefits of daylight harvesting, such as:

- Increased energy savings through reduced HVAC and lighting use.
- Better occupant comfort through lowered solar-heat gain, brightness, and glare.
- Improved worker well being and productivity.

This automated system maneuvers the shade bands based on information in a database, which recognizes the sun's calculated position by the minute. SunDialer then measures the solar angles for each preprogrammed zone, based on the latitude and longitude of a building and the orientation of its windows. At the same time, SunDialer also adjusts for clear or cloudy conditions using information from roof-mounted radiometers.

SunDialer can control up to 12 window zones—such as a single window or bank of windows—and includes a scheduler for weekly, monthly, and other timed settings. Its programming also generates a solar-memory log for reporting and fine-tuning shade positions. In addition, it features an IP interface to enable remote Internet support and network control.

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About the company: Founded in 1969, MechoSystems is the world's leading designer and manufacturer of innovative window-covering systems for the architectural and design communities. MechoSystems Inc., 42-03 35th Street, Long Island City, New York, 11101. T: +1 (718) 729-2020, F: +1 (718) 371-1081. E: info@mechosystems.com. W: mechosystems.com.