ESOIL 100

Down to Earth.

- Realtime soil moisture monitor
- Instant, accurate soil data
- Crucial for irrigation application
- Cloud-based interface for desktop and mobile access
- Archived historical data via optional EOS Cloud

EOS WEATHER INSTRUMENTS

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ESOIL 100

The ESOIL-100 is the all new EOS Weather Instrument's advanced wireless soil moisture sensor for autonomous service.

Awareness of soil moisture content facilitates optimum irrigation.

With our EOS-1000 Weather station, the ESOIL-100 server software will display all data remotely on your digital device.

Multiple ESOIL sensors can be installed in one agricultural operation, allowing collection of data from separate irrigation zones.

Each sensor has three soil moisture probes that can be installed at three separate levels. The additional temperature probe will provide realtime soil temperature.

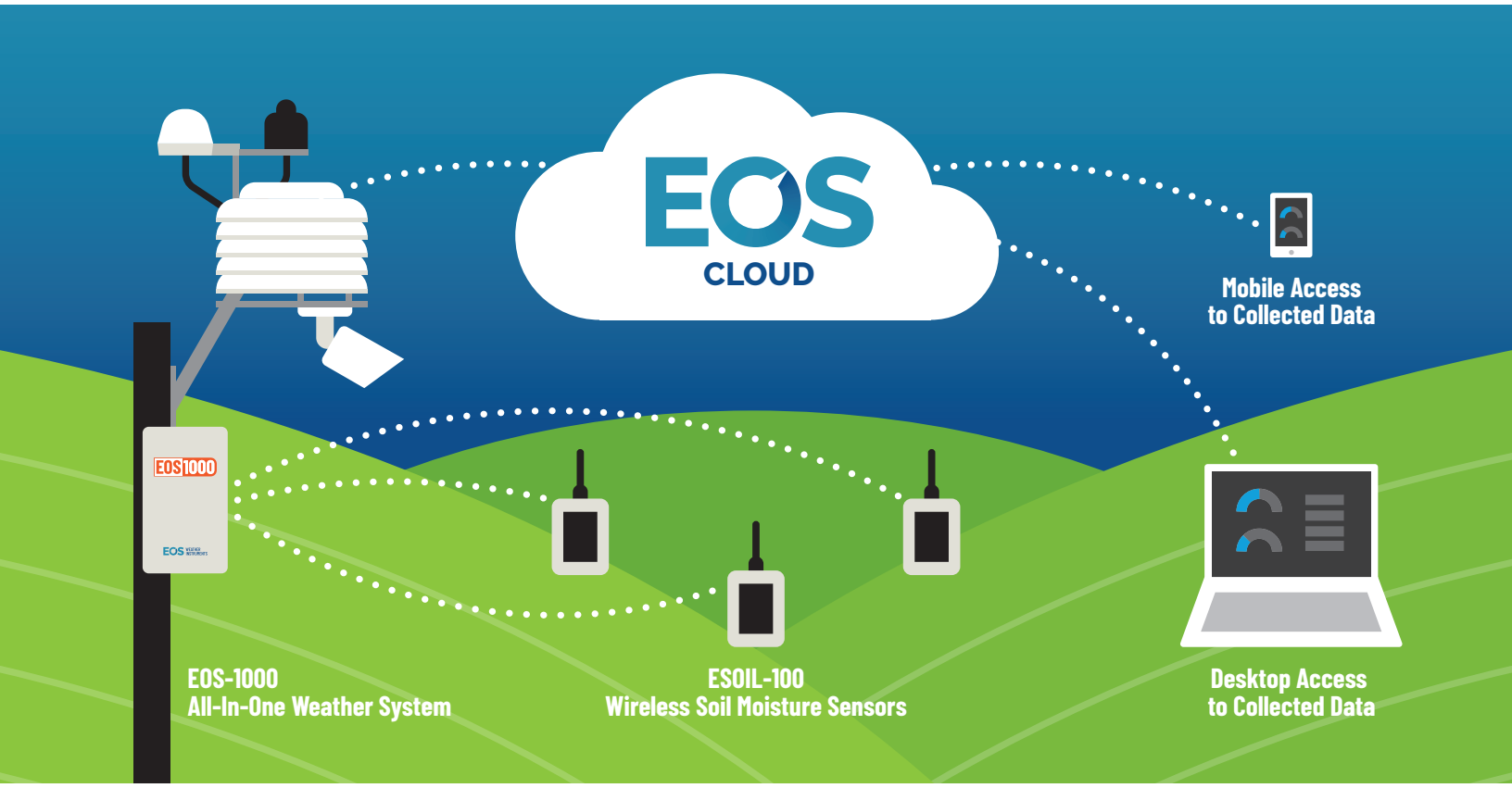
ESOIL-100 is solar and battery powered, data will be send to the EOS base station at preset selected intervals. ESOIL-100's extremely low battery consumption will allow weeks of autonomous operation without sunlight.

FEATURES

- Wireless operation up to 250M (820ft) from EOS base station (line of sight operation)
- Slim hardware design for minimal machinery obstruction
- Battery operated
- 3 soil probes to monitor soil moisture content at 3 levels
- 1 soil temperature probe
- Linux based server software

OPTIONAL

- Outside temperature and humidity (available Fall 2019)



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