

## What's iControlPump?

It is the automation and remote management tool for pumping that lets you manage your system from any computer, tablet or mobile phone.

Manage and program the pumping and irrigation processes in a **centralized, remote way** for all your property from anywhere in the world.

**Problem-free connection** between the pumping process and the solenoid valves even on irregular land or where there is no mobile telephone coverage. The wireless solenoid valve control modules make installing and removing the system easier and faster.

## Features:

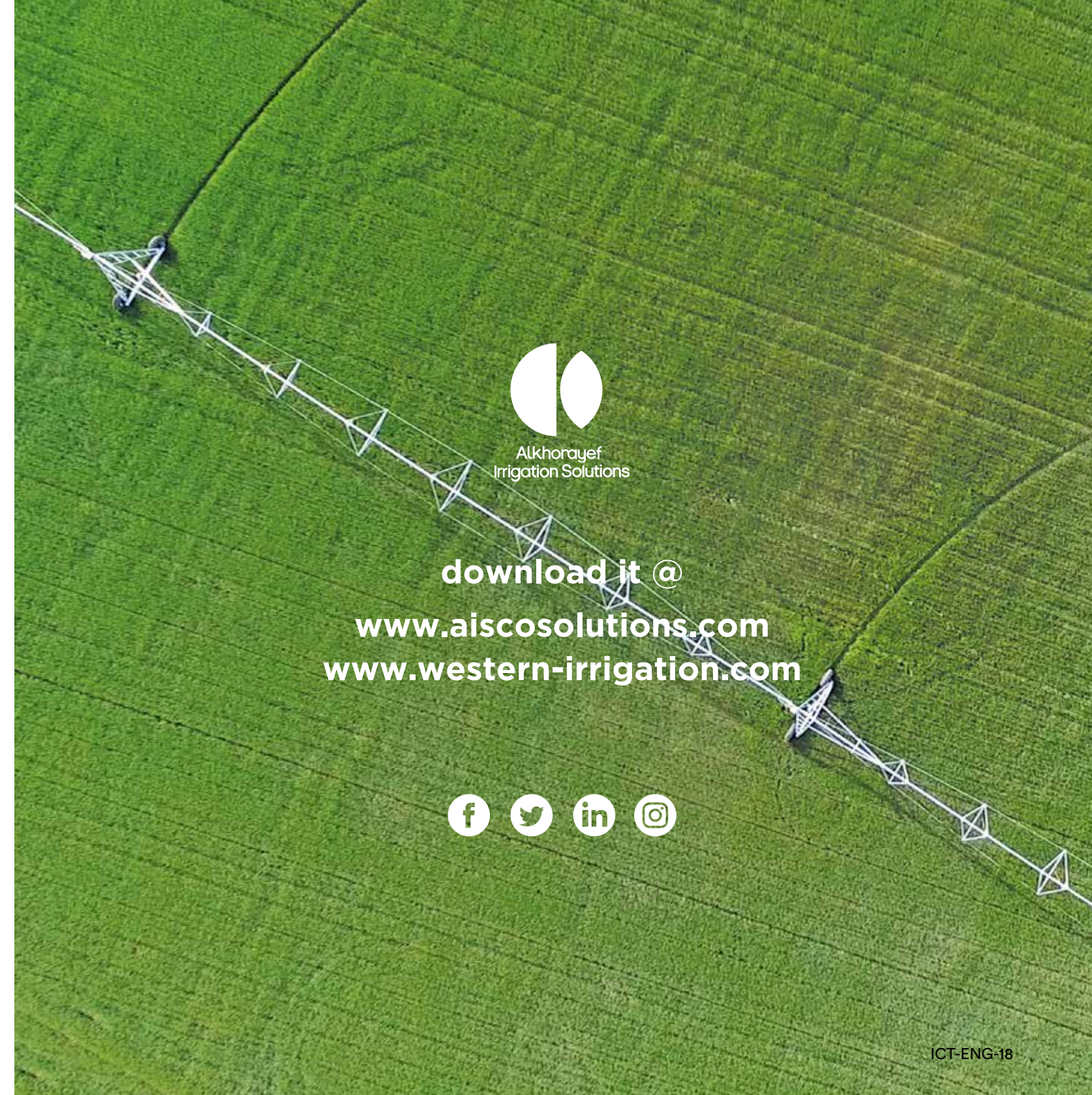
- Remote control and automation.
- Start/Stop for electric/fuel/solar pumps.
- Wireless valve control.
- Water and fertigation distribution programming.
- On-screen graphic display of the general status.
- Anti-theft system.

## What are the benefits of using iControlPump?

- Pivot irrigation complete automation and remote management.
- Seamless connection between pump and pivot.



# iControl Pump



Alkhorayef  
Irrigation Solutions

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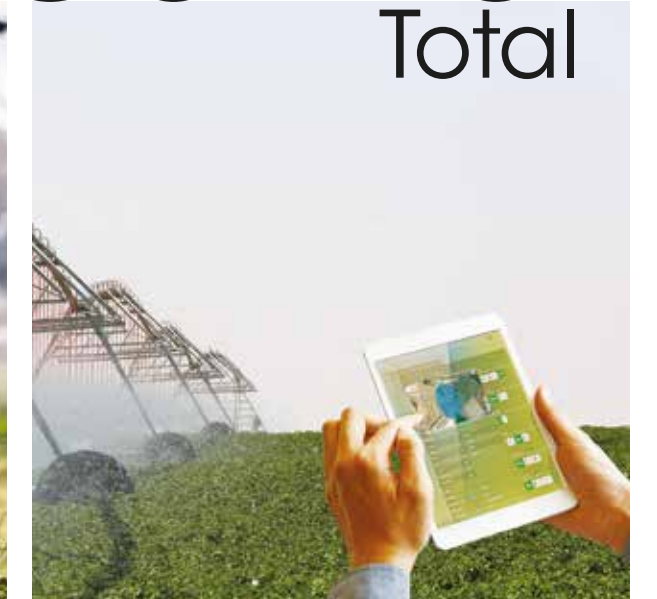
[www.aiscosolutions.com](http://www.aiscosolutions.com)

[www.western-irrigation.com](http://www.western-irrigation.com)



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# iControl Total



## COMPLETE IRRIGATION PERFORMANCE

## What's iControlRemote?

It's the state-of-art technology designed to easily **manage your irrigation systems remotely**, without changing your existing control panel.

Our iControlRemote.com website allows you to simultaneously control and manage your irrigation systems remotely. iControlRemote displays your historical operations in a graphic format to help you easily visualize the status of your irrigation systems during the growing season.

## Options and Features:

### Controls:

- Start/Stop
- Forward/Reverse
- End gun ON/OFF
- Speed %

### Programs:

- Programs on weekly calendar.
- End gun control by sector.
- Speed % and Water application depth.
- Auto Reverse or Auto Stop.
- Stop in Slot by Angle.

### Monitoring:

- Span position on a terrain Map.
- Machine and end gun status.
- Running direction and % speed.
- End Gun Status.
- GPS and GSM signal.
- Pressure transducer on the last tower.
- Water control (ON/OFF): needs additional device to control pump or valve on the hydraulic networks.
- Solar panel for cable theft alarm when machine is without power during the winter season.
- Weather station.

## What are the benefits of using iControlRemote?

- Saves you time and reduces operational costs.
- Controls the irrigation performance from your computer, portable or smartphone.
- Easy to use, anywhere and anytime.
- It can be used with all the pivot brands available in the market.



# iControl Remote

# COMPLETE IRRIGATION PERFORMANCE

## What's iControlTotal?

It's a remote management and automation tool for pumps, solid set, drip and pivots using a PC, tablet or smartphone connected to the Internet.

Your irrigation operations will increase your profit thanks to increased precision, and control of the frequency and consistency of the irrigation, while reducing labor, water and energy usage.

**iControlTotal** can also take weather conditions into account to help you make the best irrigation decisions.

**iControlTotal** is a multifunctional product custom-designed according to each field's needs thanks to the available features catalog.

## What are the benefits of using iControlTotal?

- Remote centralized management and automation including generators, pumps, fertigation, solid set, drip irrigation.
- Total control over costs.
- Wireless sensors.
- Water application and irrigation frequency optimized.
- Real time video surveillance of equipment, crops and premises.



## Features:

### Remote control and automation

- Irrigation and fertigation are automated.
- Unified irrigation management.
- Power generation management (generator or solar energy).
- Valve solenoids controlled wirelessly.

### Monitoring and charts

- Pump control, electro valve status, water flow and pressure, reservoir levels, pump operation, rainfall, etc. can all be combined.
- Data from water/energy meters, pressure/humidity sensors, weather stations, well levels, etc. are seamlessly integrated.
- SMS/email/Internet alerts are automatically triggered following any failure.
- Charts and reports
- Real time information on your smart devices.

### Efficiency: Save energy and water

- Pressure pumping regulation monitors.
- Electricity/diesel usage monitoring and precise irrigation.
- For solar pump stations: automated electric valves according to radiation/pressure conditions.

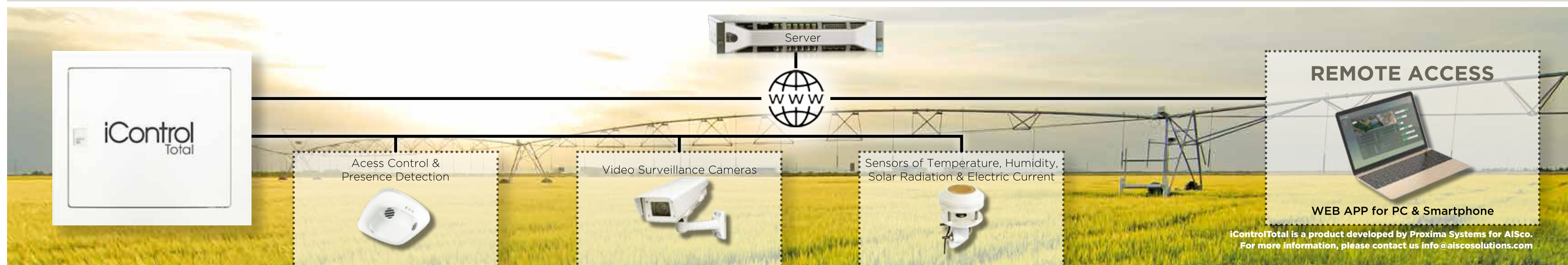
### Anti-theft system

- Real-time viewing of the field and warning alarms to your mobile.
- Supports pan/tilt/zoom cameras.

### Optional features (Additional equipment required)

- Weather station and sensors (pressure, water meter, soil moisture, salinity, pH, etc.)
- Automatic evapotranspiration calculation for each crop.

# iControl Total



iControlTotal is a product developed by Proxima Systems for AISco.  
For more information, please contact us [info@aiscosolutions.com](mailto:info@aiscosolutions.com)