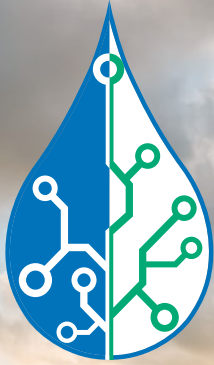


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# DIGITAL

IRRIGATION 4.0



## DIGITAL IRRIGATION 4.0

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## HOSE REEL MANAGEMENT



## WEATHER FORECAST



## SOIL MOISTURE MONITORING

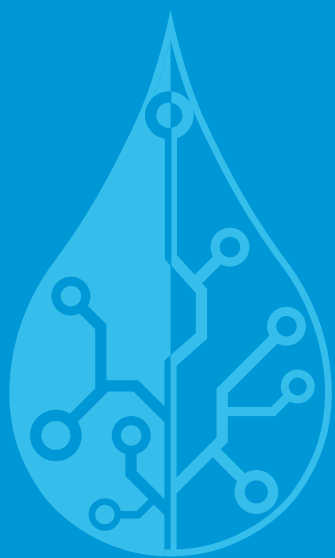


Il sistema **DIGITAL IRRIGATION 4.0** garantisce una gestione completamente integrata in cui l'utente è in grado di analizzare, gestire con un'interfaccia unica, tutte le sue macchine e di considerare l'ambiente (campo, coltura, meteo) nel quale operano. Il portale è "hostato" sul Cloud. I dispositivi in campo, scambiano tra di loro dati con un webservice in modo continuo. Un'intelligenza artificiale analizza i dati e mette a disposizione del utente tutta l'informazione utile per gestire la sua irrigazione. I sensori di umidità informano sullo stato del suolo e abbinati alle previsioni meteorologiche, indicano, dove, quando e come irrigare.

**DIGITAL IRRIGATION 4.0** system grants a completely integrated management in which the user is able to analyze, manage with a single interface, all his machines and to consider the environment (field, crop, weather) in which they operate. The portal is "hosted" on the Cloud. Field devices exchange data with a webservice continuously. An artificial intelligence analyzes the data and provides the user with all the information needed to manage his irrigation. The humidity sensors inform about the state of the soil and combined with weather forecasts, indicate, where, when and how to irrigate.

Le système **DIGITAL IRRIGATION 4.0** permet une gestion totalement intégrée dans laquelle l'utilisateur est capable d'analyser, de gérer avec une seule interface, toutes ses machines et de prendre en compte l'environnement (champ, culture, météo) dans lequel elles travaillent. Le portail est "hébergé" dans le Cloud. Les appareils de terrain échangent des données avec un serveur Web en continu. Une intelligence artificielle analyse les données et fournit à l'utilisateur toutes les informations nécessaires à la gestion de son irrigation. Les capteurs d'humidité informent de l'état du sol et, combinés aux prévisions météorologiques, indiquent où, quand et comment irriguer.

El sistema **DIGITAL IRRIGATION 4.0** garantiza una gestión completamente integrada en la que el usuario puede analizar, gestionar con una sola interfaz, todas sus máquinas y considerar el ambiente (campo, cultivo, clima) en el que operan. El portal está "alojado" en Cloud. Los dispositivos de campo intercambian datos con un servidor web continuamente. Una inteligencia artificial analiza los datos y proporciona al usuario toda la información necesaria para gestionar su riego. Los sensores de humedad informan sobre el estado del suelo y combinados con las previsiones meteorológicas, indican dónde, cuándo y cómo regar.



# DIGITAL AGRICULTURE 4.0

## PIVOT MANAGEMENT

## PUMP UNIT MANAGEMENT



HOSE REEL  
IRRIGATORS



MOTOR  
PUMPS



CIRCLE  
PIVOT



LINEAR  
MACHINE



HIPPODROME  
LINEAR



MOISTURE  
MONITORING



WEATHER  
FORECAST

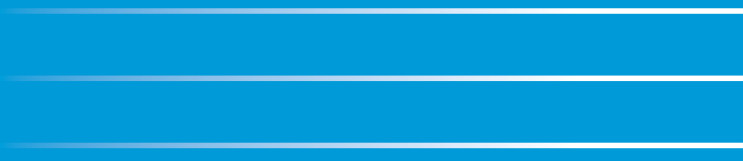




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