



IRRIGATION

# SMARTRAIN

MOBILE IRRIGATION MANAGEMENT SYSTEM



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## Monitoring and control of Rainstar, Pivot and pumps with GPS supported App “SmartRain”

### Advantages

- Permanent GSM-Internet-communication between user and irrigation machine
- Monitoring and controlling the irrigation operation with smart phone, tablet or PC
- Clear, visual representation of the irrigation machines in the field
- Optimized irrigation operation by entering the irrigation sectors with different precipitation levels
- Warning signal in case of malfunctions and recording of cause of error
- Automatic evaluation and reports on operating times wet/dry, water consumption and historical rainfalls

### Monitoring of Rainstar operation

The SmartRain App gives you the possibility to control your machines from any location. You get an overview with actual status information such as remaining irrigation time, remaining PE-pipe to pull back in, time to change the irrigation strip and more.

### Optimize your irrigation management

Which area needs to be irrigated next? Which irrigator will be finished next? Optimize your application rate depending on the soil moisture and weather conditions.

### Automatic error messages

You and your employee will get an Error message via SMS on your phone if the irrigator has stopped because of any malfunction or if it comes into a danger area.

### Irrigation control via mobile devices

Pivot, Rainstar and pumps can be operated directly through your Smartphone or Tablet.

### Team management

Manage your teams, operators or contractors who are working with your machines.

### Automatic reports

Create reports for water usage, soil conditions for internal use or business purposes fully automatically.

All of this information and functions are available through your “SmartRain” App on your Smartphone or Tablet.

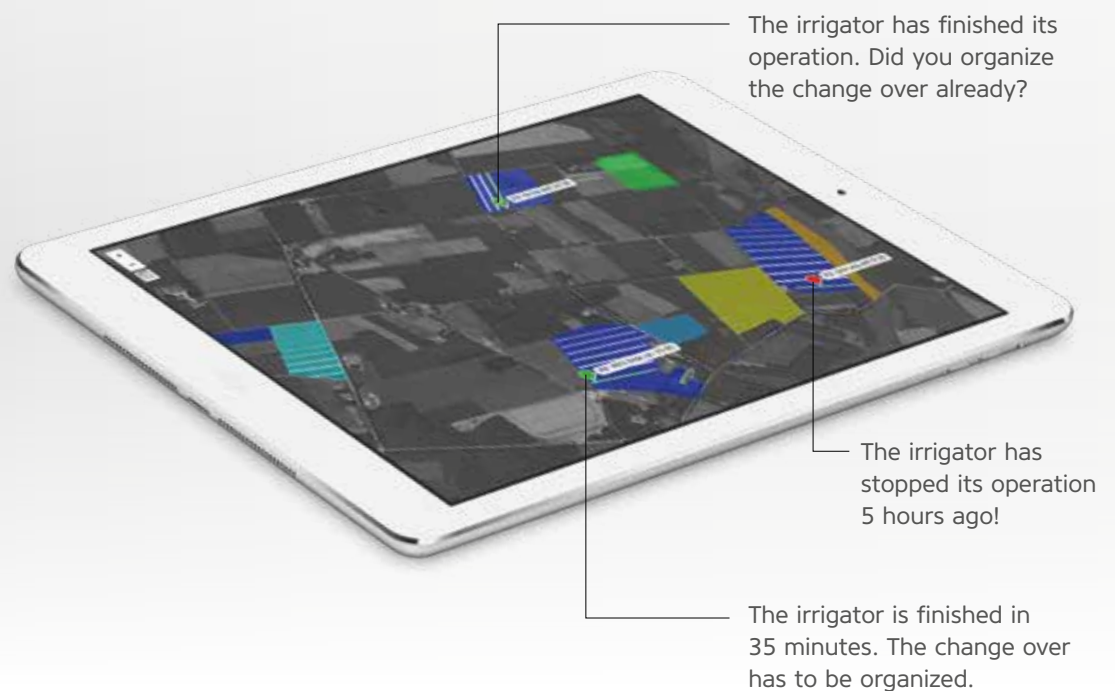


### With „SmartRain“ ...

- you can keep an eye on your Rainstars all the time.
- you can see where they are currently in use.
- you will be informed if there are unplanned interruptions.
- you will be informed when the irrigation process has ended.
- you can use your irrigation equipment as efficiently as possible.
- you don't have to be on site all the time.

### Optimize your time management through “SmartRain”

Reduce the downtime of your Rainstars through optimized irrigation scheduling based on actual status information and calculations.





### Perfect irrigation management for System 9000.

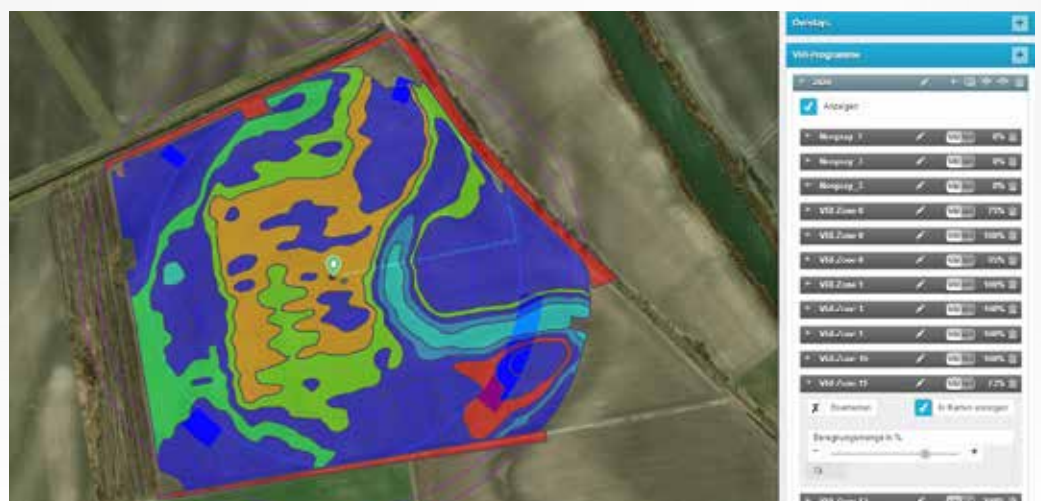
With SmartRain you can monitor the operating status of your System 9000 at any time. Future irrigation applications can be planned, adjusted, or if necessary, changed. At the same time you can check the current position of your system via app or PC and if needed you can control the required parking position for planned field work.

### Your profit of precise irrigation

- Improvement of the harvest quality and the yield
  - Reduce your energy costs
  - Inquire the operating status of your system at anytime, anywhere
  - Increase the water use efficiency
  - Use irrigation with our VRI-solution only on the most fertile parts of your field.
  - With our VRI-solution you can assure needs-based irrigation even at difficult soil conditions and at the same time reduce water loss
- ... because every drop counts, and every decision you make regarding irrigation is important.

### Full efficiency with SmartRain and VRI-technology

With our BAUER VRI-solution every nozzle can be regulated. Therefore, fields with special demands and difficult contours can be irrigated efficiently and resource friendly. The field data is imported by our technicians before start-up. When in irrigation mode each zone can be irrigated individually.





## SMARTRAIN



Through the App on your Smartphone you have an actual overview of all your irrigation equipment any time anywhere.



### Continuous reports and Optimization

Based on measurements and information about soil conditions, soil moisture, size and shape of different fields, actual usage of different machines and much more, you are able to continually optimize your irrigation management and to reduce costs.



### Documentation

Reports for water use of different wells or ditches for authorities. All data will be saved automatically and can be printed out at any time.

Your dealer

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