

CIM/CIU support

for TORO golf course irrigation

GRUNDFOS 

Possibility in every drop

CIM/CIU support for TORO golf course irrigation



Grundfos has signed a Global Framework Agreement with **TORO** who is one of the world's largest suppliers of "Landscape Maintenance". In particular this includes irrigation equipment for golf courses. **TORO** is based in Minnesota.

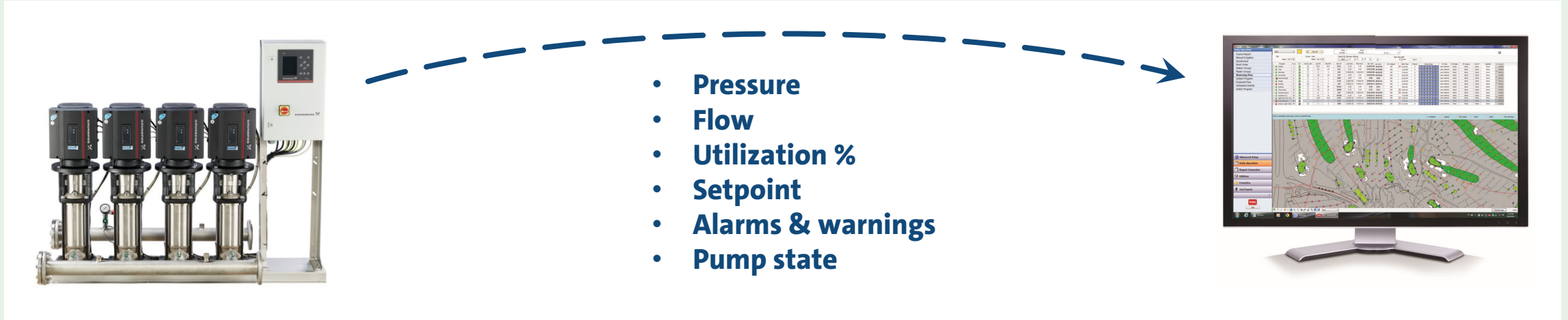


"Global Leader in Turf and Landscape Maintenance"

Grundfos supplies free of charge a software package for **TORO** for interfacing our Hydro MPC Booster systems to their SCADA system.

•**TORO-Grundfos Integration Service** for interfacing to **TORO Lynx**

The integration offers several advantages



- **Pressure**
- **Flow**
- **Utilization %**
- **Setpoint**
- **Alarms & warnings**
- **Pump state**

- The values transmitted by the Grundfos controller can be displayed directly in the program. With the new Lynx version (Lynx 8.1) the flow calculated by the program is displayed next to it and can be compared directly.
- The status and values for multi-pump systems are displayed for each individual pump.
- The Lynx user can program actions in the system that occur when pressure and flow exceed or fall below threshold values. These actions range from simply informing the user by alarm, email, etc., to completely recalculating the subsequent irrigation based on the newly transmitted parameters.
- Alarms from the Grundfos controller can also perform actions. (Start, stop, alarm, continue, interrupt, recalculate...).

There are countless possible scenarios that can be individually tailored to the golf course.

System overview

