Hurja

AR Crew Assistance Service for Water Utilities

24.8.2022





Hurja Solutions Oy

Software development for demands of changing World.



100 % Ku

Shareholders are employees



Kuopio

Office



~25

Employees



03/2022 ~1,2M €

Turnover



500+

Projects completed





Services

Web Apps Mobile Apps Augmented Reality

Webpages
Online Stores
Integrations
Cloud Services

Hurja

Concept & Service Design Digital Marketing, SEO Business Development Consultation

UI/UX Design Graphic Design 3D Modeling & Visualization



We Are Hurja

Hurja is a software company where work is approached with a professional approach, a good pulse, and in relaxed atmosphere.

We implement software development services that enhance the competitiveness of our customers to meet the needs of a changing world. Our team already has more than twenty professionals who are passionate about the field.



Featured Customers















































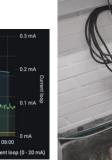


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AR Crew Assistance Service: Indoors Demo

- First Pilot Location: Savonia WaterLab in Savilahti, Kuopio, Finland.
- Indoors demo is simulating operator work in building environment, such as water/wastewater treatment plant, pumping station, and water tank.
- Virtual access to live and history data of devices using AR and advanced visualization:
 - ➤ Components naming and tagging, such as type, manufacturer, serial number, basic technical specification, and next maintenance date.
 - ➤ Live data feed, such as current or historical pump flow rate or pressure and VSD (Variable Speed Drive) setting.
 - **Overlay pipe function,** such as suction and feed side.
 - **Overlay danger zone,** such as open impeller and electricity connectors.
 - ➤ Maintenance protocols and on-site troubleshooting.
- Added efficiency and safety via AR assistance.
- **Integration** to existing infrastructure and systems.
- Live Hands-On AR Demo Day for Water Utilities:
 - > September-October 2022 in Savonia WaterLab.

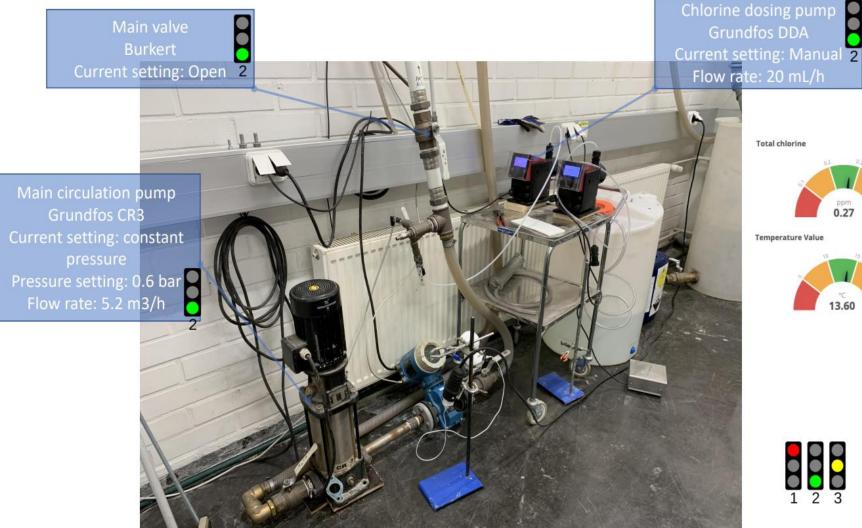












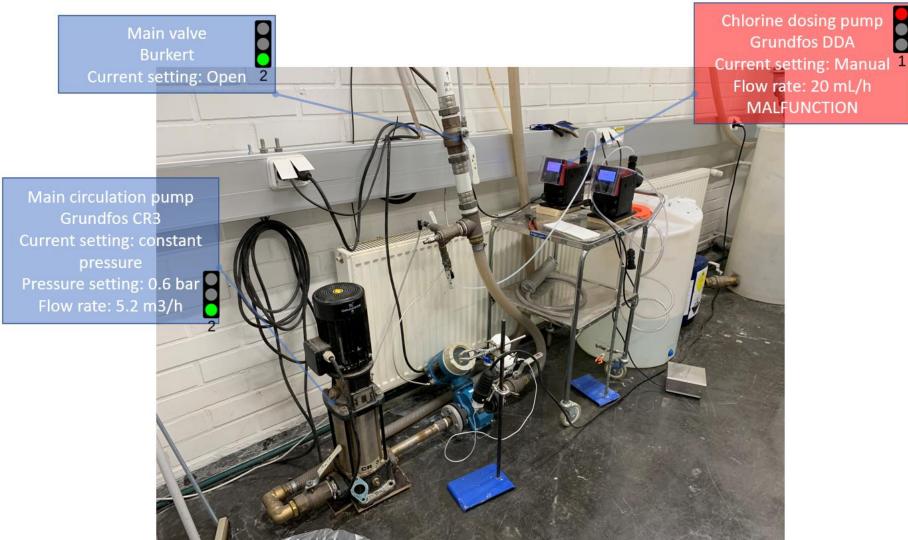
Total chlorine



Temperature Value





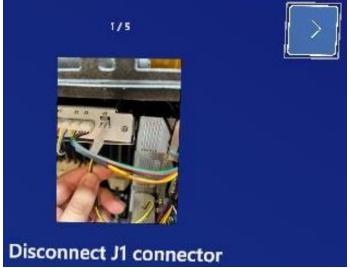


Feed line 1 essure: 0.6 bar

Flow rate: 5.13 m3/h









Turn the switch on, this will charge the battery. Wait 30 min.



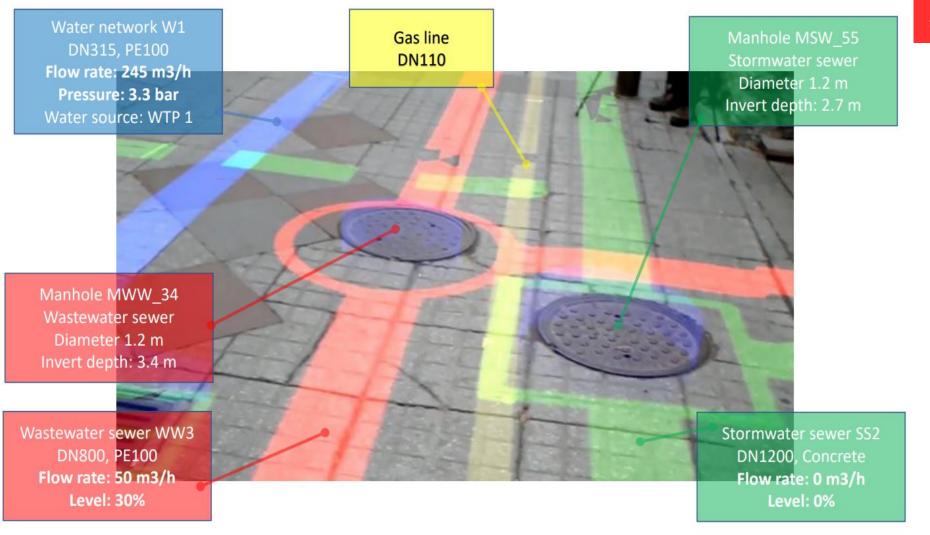
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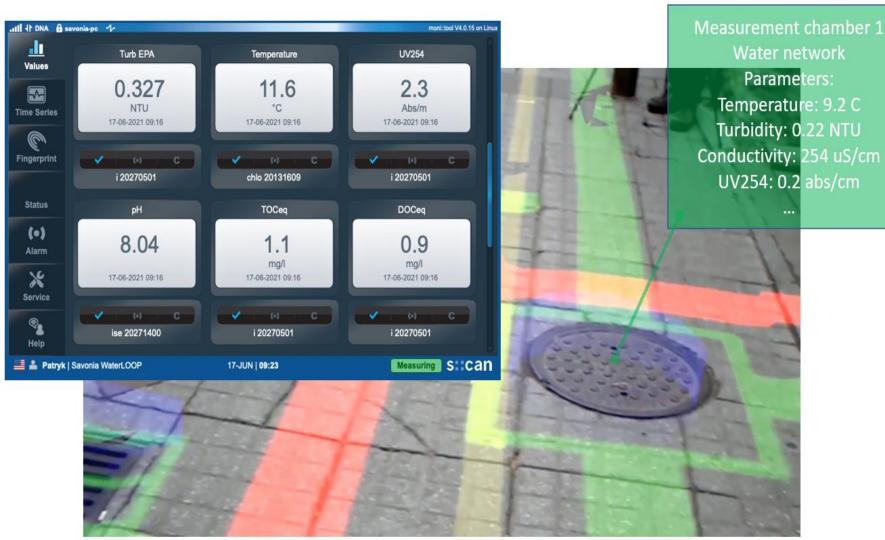
AR Crew Assistance Service: Outdoors Demo

- First Pilot Location: SuperDMA in Savilahti, Kuopio, Finland.
- Virtual access to measurement chamber and visualization of underground infrastructure:
 - > Visualise underground infrastructure (X-ray effect).
 - > Show relevant information, such as nominal diameter, depth, and material.
 - > Show live and historical data of measurement devices.
- **Integration** to network geographical information systems and sensor information systems.
- Live Hands-On AR Demo expected in Q1/2023.





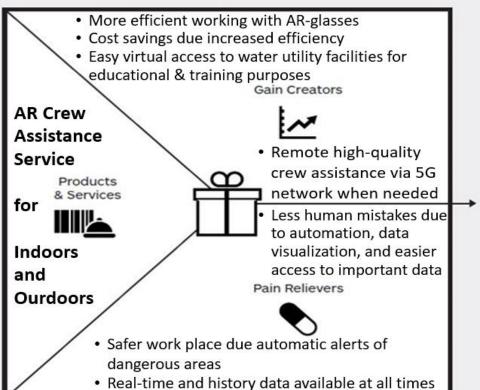




The Value Proposition Canvas

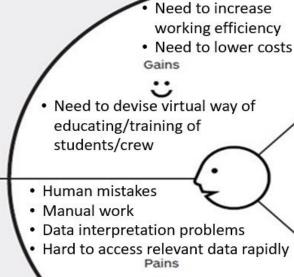
Value proposition:

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Customer segment:

Water utilities



available

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Safety hazards in dangerous areas

No real-time or history data easily

Customer

Job(s)

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Thank You! Any Questions, Comments, or Feedback?

Contact:

Project Manager, Ph.D. Keijo Haataja Keijo.Haataja@hurja.fi +358 45 187 1687



