

# Geoff Harvey

Electrical Engineering Director

Control Panel Specialist



Many municipalities are using legacy wastewater treatment systems that are three or four decades old. While these systems can still get the job done, advancements in the technology offer significant opportunities to improve efficiency, performance, reliability and cost savings. By attacking these challenges head on, forward-thinking engineers are helping to advance the industry.

Turn to Centrisys Corporation's Geoff Harvey, an innovative electrical engineer, for a first-hand account of how to troubleshoot and diagnose electrical and/or programming problems.

## Biography

Harvey joined Centrisys in 2004 and has over 20 years of experience in electrical engineering and design for decanter centrifuges. Harvey knew he wanted a career that constantly challenges his abilities - from designing and programming complex control systems to troubleshooting electrical and programming challenges. In Centrisys, Harvey found precisely that.

As head of the electrical engineering department, Harvey leads a team of six electrical engineers. His team designs, develops and programs custom control systems, primarily for wastewater treatment and completes 40 to 50 custom systems annually.

Today, wastewater facilities face the problem of updating older electrical control systems as these are quickly becoming obsolete due to technological advancements. Harvey and his team deliver troubleshooting and diagnostics solutions addressing the often difficult-to-diagnose electrical problems for control systems.

Harvey earned a Bachelor of Science Degree in Management with an Industrial Management focus from the University of Wisconsin-Stout and Associate of Science Degrees in Electrical Engineering and Supervisory Management from Gateway Technical College. Harvey is currently pursuing his Masters in Engineer Management at Milwaukee School of Engineering.

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## Providing Thought Leadership On:

- **Smart Design Solutions:** understanding the importance of designing systems that can be serviced quickly, using non-proprietary parts which increases uptime of the equipment
- **Customized Electric Panel Systems:** designing, programing and supporting application, customer and country specific panel requirements
- Supply chain supplier support and partners in finding innovative options for upgrading older control panels
- Importance of evaluating industry advances vs. tried and true panel design
- Electrical standards and approved codes of practice within a global footprint; supporting multiple program languages

## Awards

- 2019 Frost & Sullivan Product Leadership Award for the North America Sludge Treatment
- 2019 CIOReview for the 20 Most Promising Metals and Mining Technology Solution Providers
- 2019 Salvation Army Other's Award Recipient for "Resources Supporting Others"
- 2018 Utility of the Future Today Recognition Program for the Kenosha WWTP Optimization Project
- 2017 W&WD Top Project for the Kenosha WWTP Optimization Project
- 2017 ACEC Grand Award Winner for the Kenosha WWTP Optimization Project
- 2013 Centrisys MVP of the Year
- 2013 WEF Innovative Technology Award – THK Thickening System
- 2008 Wisconsin Manufacturer of the Year

## Affiliations

- Water Environment Federation (WEF)
- The Water Research Foundation (WRF)
- Leaders Innovation Forum for Technology (LIFT)
- Mid-Atlantic Biosolids Association (MABA)
- Kenosha Area Business Alliance (KABA)
- Kenosha Area Chamber of Commerce
- The Water Council



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