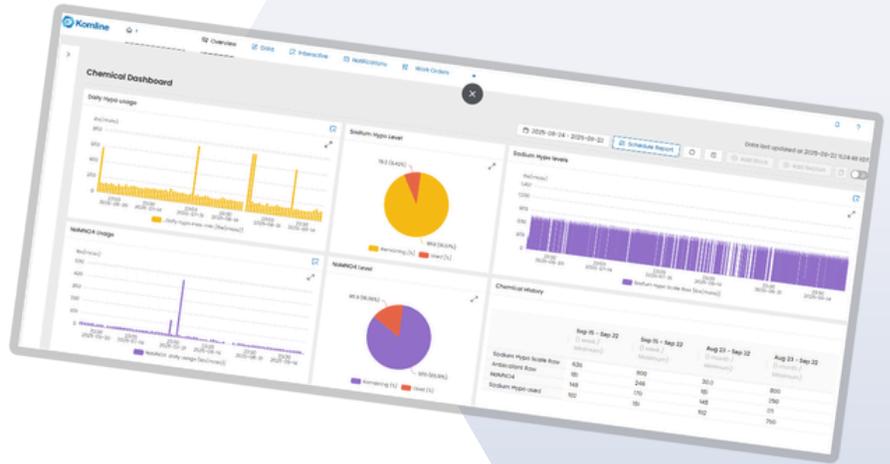# Operational Intelligence
for Membrane Technologies

Komline Harn

Transform daily, siloed data collection into actionable information to enhance water operations—it's like having an extra engineer

PREDICTIVE ANALYTICS TO DRIVE EFFICIENCY

Operational Intelligence is a predictive analytics platform that transforms data collection into actionable information to help optimize maintenance and energy efficiency.

Operational Intelligence collects comprehensive operational data to support your entire team. This centralized knowledge repository standardizes procedures, ensuring that essential operational insights are preserved within the organization. Within a secure, tiered platform, it also delivers measurable ROI through reduced training costs, consistent production, lower energy bills, and optimized chemical usage.

This solution ensures your facility not only meets but *exceeds* production targets while building operational resilience for the future.

FEATURES

✓ Remote monitoring

✓ Alerts with embedded SOPs & Actions

✓ Multi-factor authentication

✓ Cloud compliance (SOC1 and SOC2)

✓ Predictive analysis for CIP & membrane replacement

APPLICATIONS

Drinking Water Purification

Wastewater Treatment

Industrial Water

KEY BENEFITS

Enhanced Operational Knowledge Retention
- Establish a knowledge base
- Decrease training time for new operators
- Expedite onboarding via training modules
- Maximize Reliability and Uptime

Maintain consistent water production
- Reduce downtime
- Exceed production goals
- Proactively manage to meet or surpass production targets
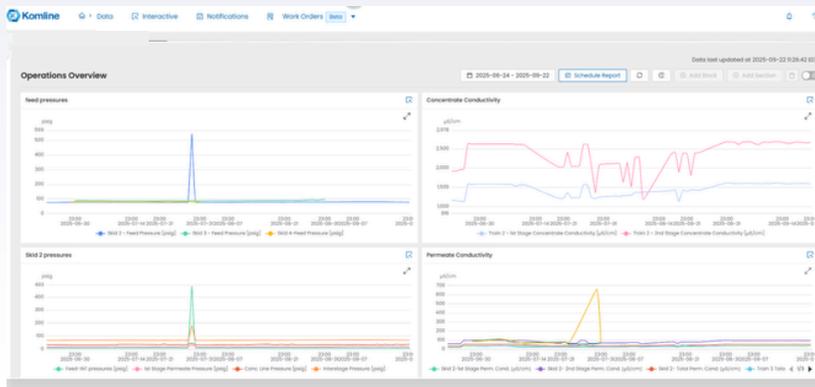- Enhance Energy Efficiency and Recovery

Lower energy consumption
- Achieve cost savings
- Boost sustainability
- Analyze energy usage patterns
- Balance membrane performance vs. energy use

Optimized Consumables
- Reduce chemical costs
- Extend membrane lifespan
- Lower overall expenses
- Hone chemical dosing via advanced algorithms
- Ensure precise chemical usage with real-time data analysis
- Minimize waste and costs

DESIGNED FOR PERFORMANCE

SERVICES & PARTS

Need replacement parts?

Contact our sales team and ask about our inventory of 10,000 parts—both third-party and Komline—to support your separation and dewatering needs.

Komline-Harn is part of the Komline family of end-to-end separation technologies used by municipal water, agricultural, and manufacturing industries.

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