



PAL™ Predictive Aeration Logic*

from Environmental Dynamics International

maximize
aeration
efficiency



Meet your treatment objectives—automatically.

- Optimize—any aeration system for process and economic performance
- Efficient—reduce energy consumption up to 15-25%
- Stable—automatically maintain DO set-points with variable loads
- Predictive Logic—reduces wear of actuators and valves by 90%
- Modular—PAL works alone, or in tandem with a BIOS™ nutrient control system**

Contact us



To learn more about PAL™ from EDI,
call or visit us online today.

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* Powered by BACS™ technology from BioChem™
** BIOS™ intelligent optimization from BioChem™

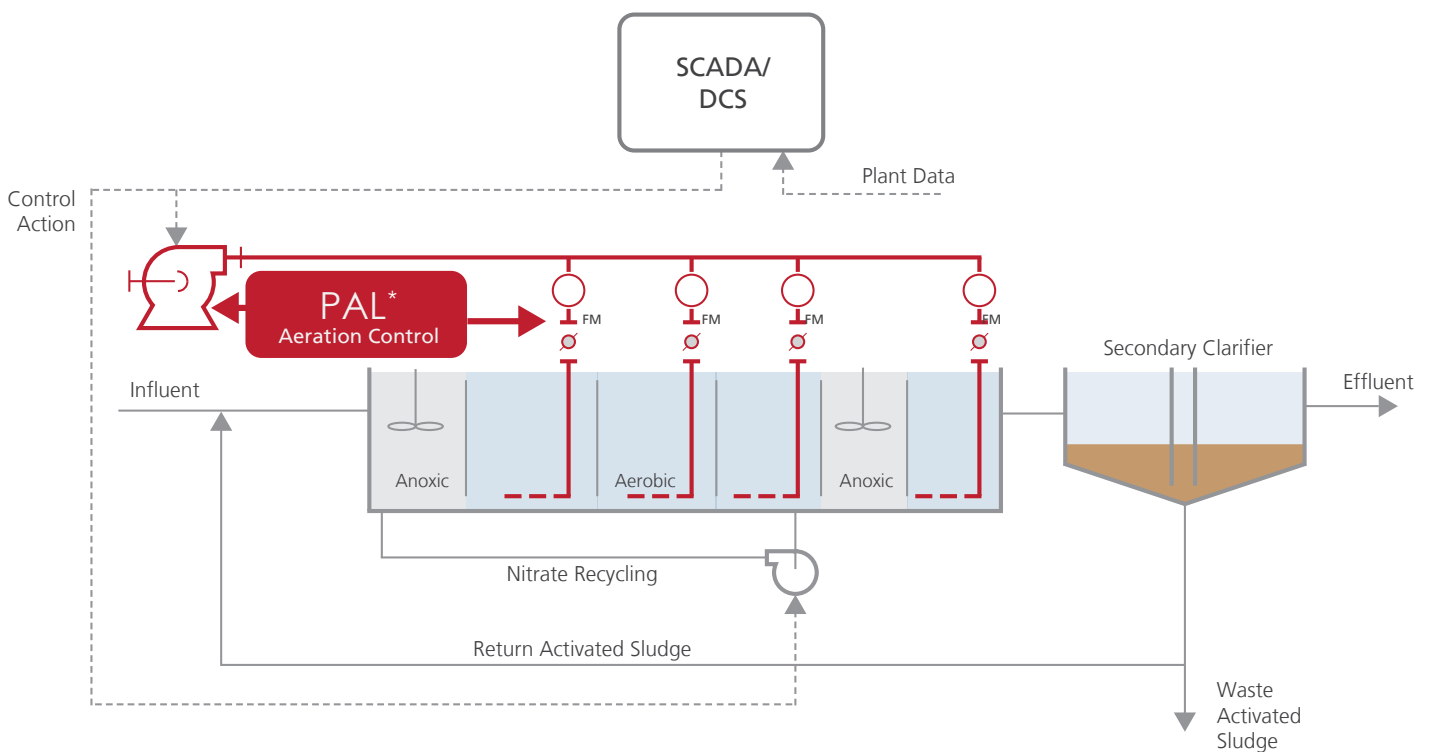


aeration for life™

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- Can control an unlimited number of aeration zones to independent set-points
- Energy savings are based on reduced airflow instead of pressure
- Reduces aeration energy by over 15-25% versus manual control
- Uses "real most open valve" logic
- Uses DO and airflow to calculate future airflow rates based on predictive oxygen requirement algorithms
- Predictive logic minimizes DO oscillations and prevents "set-point hunting" by over 90%
- Stable operation over full range plant flow or loadings with no tuning or re-tuning required
- Open platform fits any SCADA or instrument system



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