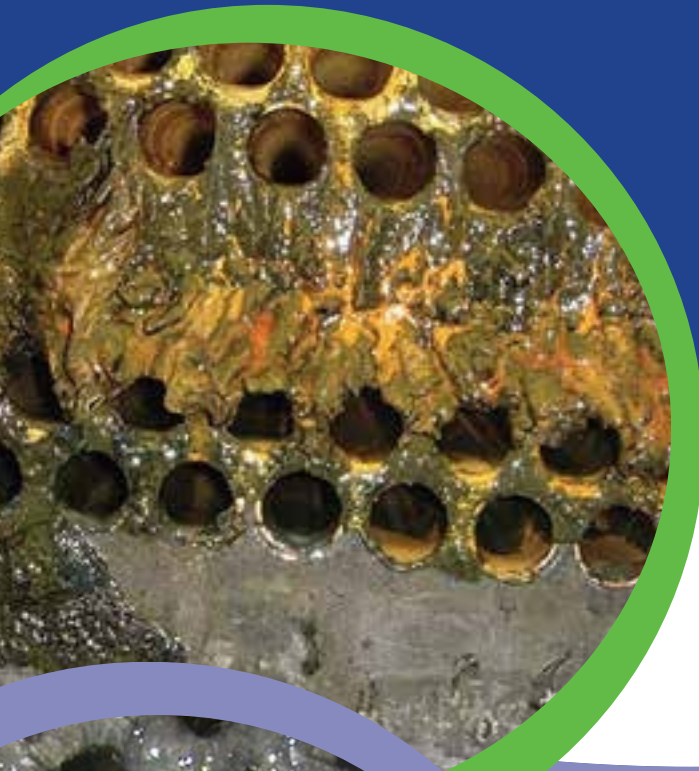


Early detection system for biofilm buildup



Biofilm buildup is one of the most persistent and costly challenges in industrial water systems. Often invisible until damage is done.



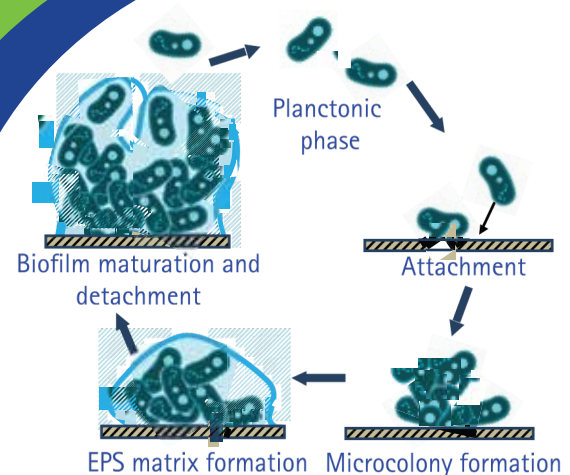
Biofilm can:

- ▼ Reduce heat transfer efficiency
- ▼ Trigger Microbially Induced Corrosion (MIC)
- ▼ Increase Legionella risk
- ▼ Lower the effectiveness of biofouling treatment

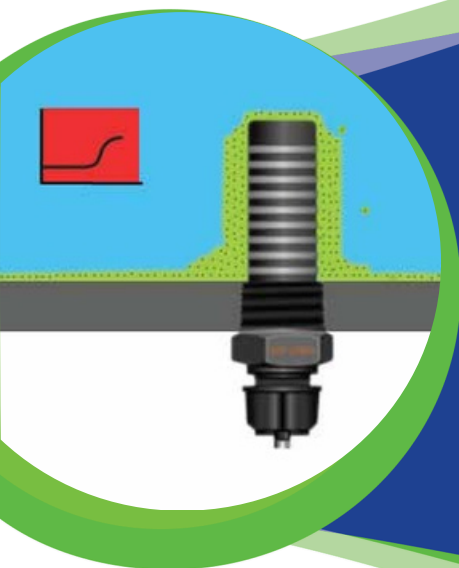


Biosafe® is a real-time biofilm monitoring solution that provides continuous, data-driven insight into microbial activity in your water system.

Using a **patented electrochemical probe**, **Biosafe® detects early-stage biofilm formation**, so you can act fast and keep your system performing at its best.



Stop Biofilm Before It Becomes a Problem



How the Biofilm Monitor Works

The Biosafe system monitors biofilm buildup in cooling water systems using a probe placed in a small part of the water flow (called a **"flow cell"**).

The probe has metal rings that are charged several times a day, encouraging microorganisms to settle and form biofilm. When the probe detects changes in the signal, it indicates biofilm formation, helping you spot the issue early.

Biosafe benefits:

- A key input to control equipment and system operators.
- Early warning for biofilm buildup risk.
- Provides opportunity to initiate mitigation activities well before biofilm associated risk occur.
- Suitable for fresh, brackish and sea water environments.
- Real-time feedback to evaluate the effectiveness of the applied control dosing regime.

Service package includes:

- Identification of best location(s) for biofilm monitoring.
- Installation and commissioning of the Biosafe probe.
- Bi-weekly data analysis with full reports by our experts.
- Data gathering options include site visit by company field technician or customer-assisted plate images.



Protect Your System from the Inside Out from Biofilm