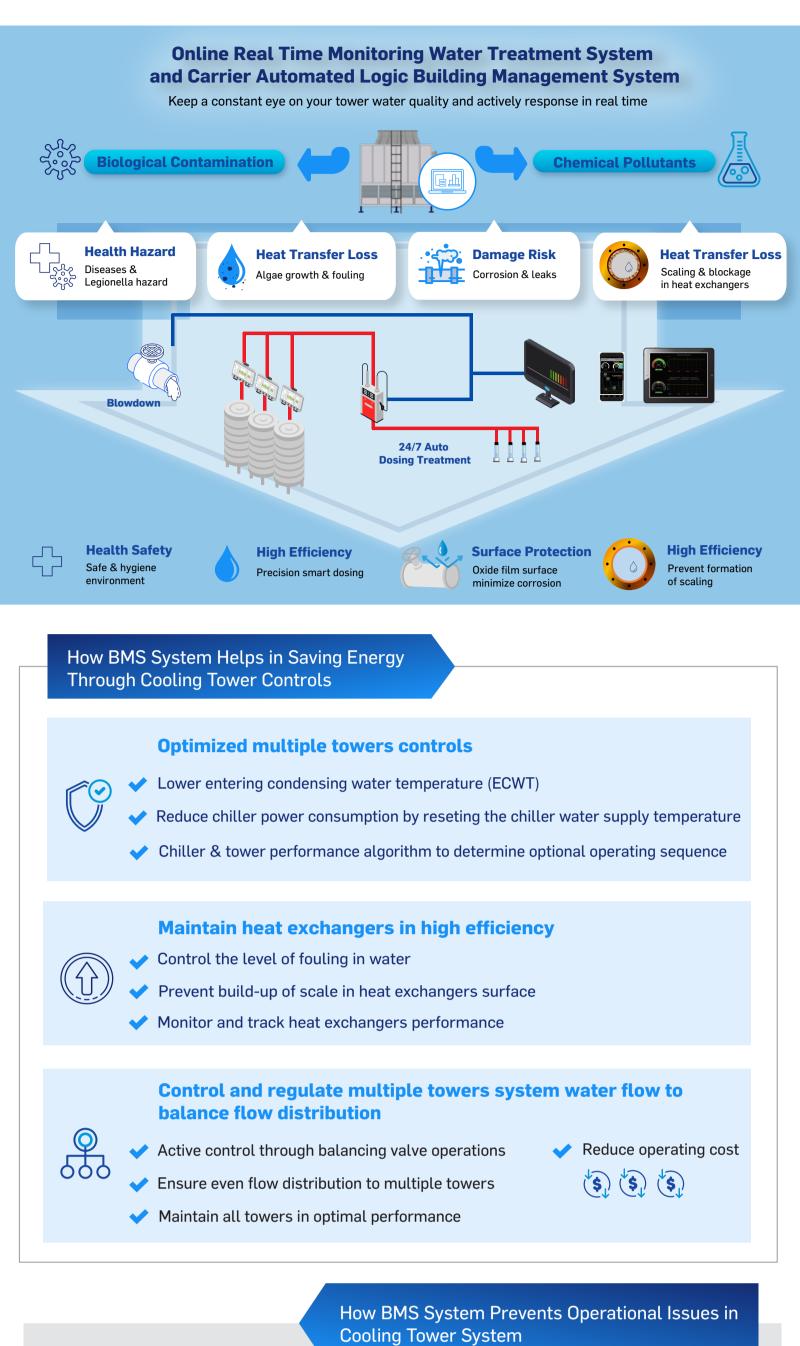


Water treatment is widely deployed in cooling tower system to control tower water quality. Traditional water treatment dosing system were reviewed through monthly water analysis result, which often fails to match with the changing building loads and Hong Kong seasonal weather. Now, with Auto Dosing System and Building Management System, you can deploy water treatment online and in real time.





- Prevent chiller operation issues from extreme condenser water temperatures
- Avoid refrigerant slugging and oil return issue
 - Minimize condensing temperature cut out



Maintain desired water quality

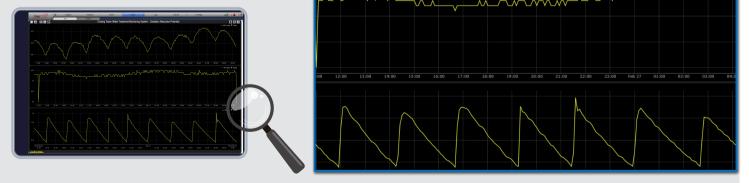
Keep track of conductivity, acidity and level of inhibitor

		Hospital E				
Setting	Trend	ltem	Current Value	Status	Setting	Trend
	<u>~</u>	Conductivity	1195.96 µS/cm	 		\sim
\$	\sim	Acidity	8.75 pH	V		\sim
	\mathbf{x}	Oxidation Reduction Potential	564.96 mV	V		\sim
	*	Residual Chlorine	Residual Chlorine 0.91 PPM	 Image: A start of the start of		\sim
				V		
Sotting		Hospital F			Sotting	_
Setting	Trend		Current Value	Status	Setting	Trend
Setting		Hospital F			Setting	_
Setting	Trend	Hospital F	Current Value		Setting	_
	Trend	Hospital F Item Conductivity	Current Value 347.28 µS/cm	Status		Trend



----- Alarm through SMS/ email

Visualise trend and historical data No. of build-up of fouling and corrosion Prevent blockage of heat exchanger





Cooling tower basin level control and alarm alerts

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Detect and monitor basin level



- Diagnostics to determine proper valve operations
- Morning start up and evening shut down sequence
- Maintain correct water level and minimize water usage



AI analytics tool

- Legionella risk indicator through AI correlation analysis
- Auto blowdown control using multiple water sensors
 - Determine excessive loss of water in system

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