

Internet of Things (IoT) Water Sensor Solution for Chubb Commercial Clients

Small Leaks Can Become Big Problems

Buildings come in different shapes, sizes, types and occupancies, yet they all share a similarity: risks associated with water leaks or freezing pipes. Considering these risks, we are pleased to present to you, as a Chubb commercial lines client, an [Internet of Things \(IoT\) water sensor solution from StreamLabs, Inc.](#) (a Chubb company) which can help reduce the risk of water damage and freezing pipes by implementation of sensors that are designed to monitor for the presence of water and temperature fluctuations.

Features of the water sensors offered by StreamLabs include:



Sensors utilize a cellular connection — no need to connect to an ethernet system



Clients receive automatic alerts via email and text 24/7 permitting them to take steps to turn off the water supply



Sensors are easy to activate — no need for an electrician or plumber



Unlimited number of users can receive alerts



Account management is offered at no additional cost via online portal



Ongoing technical support available via email or phone



Why invest in this risk mitigation strategy?

Return on investment includes prevention or reduction of business disruption, property damage, water damage remediation costs, and dissatisfied customers.

Sensor placement suggestions:

- Areas with heightened risk for water leaks and temperature exposures
- Areas with critical and high value equipment susceptible to water damage or freezing temperatures
- Areas with known sources of potential water release — for example chilled water pump or hot water boilers

Sample cost of deployment based on building size:

The number of StreamLabs sensors required for optimal monitoring capability will vary depending on the size, dimensions and other unique features of the buildings involved. The following are some hypothetical examples of how building details can potentially impact the cost:*

Building Size	Water Sensor Solution	Cost per Year (approximate)
Office Building: 36 stories, 526,000 sq ft.	18 gateways and 220 sensors	\$28,000
Manufacturer: 4 stories, 155,000 sq ft.	6 gateways and 80 sensors	\$10,000
Mixed Use building: 2 stories, 160,000 sq ft.	2 gateways and 44 sensors	\$5,000
Warehouse: 1 story, 20,000 sq ft.	1 gateway and 16 sensors	\$2,000

*Annual recurring costs which includes equipment, technical support, customer service, online dashboard access, 24/7 alert notification via text and email, and warranty for all equipment.

To find out more about the solution, please contact:

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Risk Engineer

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