Steam Trap Monitoring

everactive

Self-Powered Insights

Annual savings averaging more than

$1,500

per steam trap*

Return on Investment*

3x

Payback Period*

< 12 mo.

everactive

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Self-powered and always on, Everactive's groundbreaking batteryless technology delivers continuous, real-time insights about your steam system. Everactive's solution is cost-effective, maintenance-free, easy-to-install, and compatible with all makes and models of steam traps.

Through Armstrong International's trusted SAGE® platform, Everactive delivers trap failure alerts as they occur, enabling action before issues cause serious steam system issues. The groundbreaking technology significantly reduces energy waste, curbs excess emissions, and improves safety—thereby maximizing the efficiency & reliability of your trap management program.

Everactive Edge

» **Low total cost of ownership** – simple installation and insights-as-a-service model mean low up-front costs, while batteryless technology eliminates sensor maintenance, allowing you to focus resources when and where they are needed

» **Large-scale deployment** – achieve site-wide steam trap coverage by eliminating steep up-front costs, lengthy installations, and tedious integrations

» **Real-time cost-saving insights** – truly pervasive and continuous monitoring generates advanced analytics not possible with alternative solutions
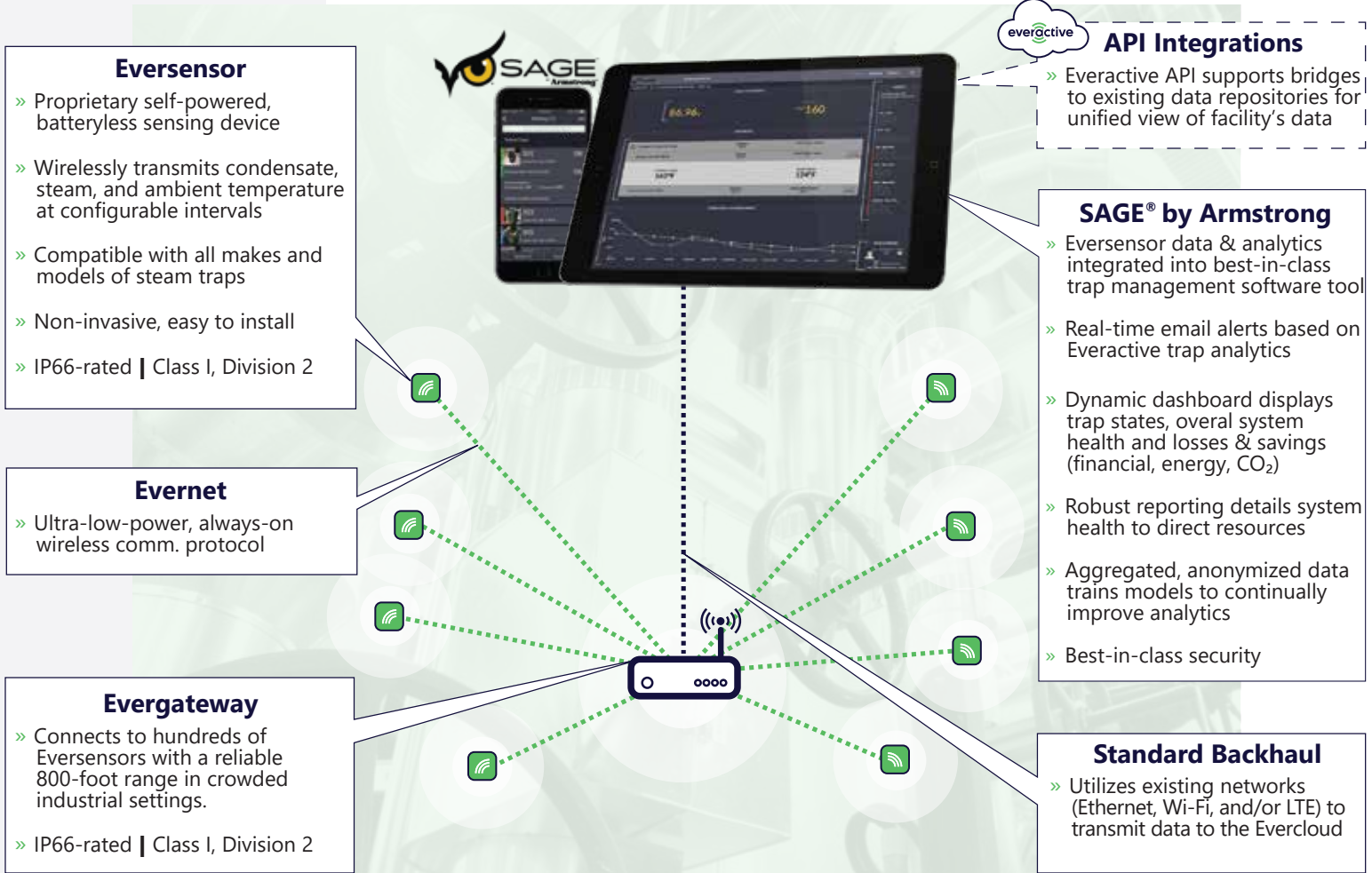
*Based on a representative facility that conducts annual inspections and experiences around a 20% failure rate.
Reach out to **sales@everactive.com** to learn more about the savings Everactive's service can generate for your facility.*

Solution Architecture

Eversensor
» Proprietary self-powered, batteryless sensing device

» Wirelessly transmits condensate, steam, and ambient temperature at configurable intervals

» Compatible with all makes and models of steam traps

» Non-invasive, easy to install

» IP66-rated **|** Class I, Division 2

Evernet
» Ultra-low-power, always-on wireless comm. protocol

Evergateway
» Connects to hundreds of Eversensors with a reliable 800-foot range in crowded industrial settings.

» IP66-rated **|** Class I, Division 2

API Integrations
» Everactive API supports bridges to existing data repositories for unified view of facility's data

SAGE® by Armstrong
» Eversensor data & analytics integrated into best-in-class trap management software tool

» Real-time email alerts based on Everactive trap analytics

» Dynamic dashboard displays trap states, overal system health and losses & savings (financial, energy, CO_2)

» Robust reporting details system health to direct resources

» Aggregated, anonymized data trains models to continually improve analytics

» Best-in-class security

Standard Backhaul
» Utilizes existing networks (Ethernet, Wi-Fi, and/or LTE) to transmit data to the Evercloud

Scalable Wireless Monitoring

» Drive energy & CO_2 savings
» Reduce risk of costly downtime
» Improve site-wide safety