Today's most trusted all-in-one job site monitor for data-center construction

DUST LIGHT TEMP HUMIDITY DEW POINT CARBON MONOXIDE

NOISE PRESSURE MOLD CONDITIONS WATER INTRUSION FLOW MONITORING FLOW CONTROL

HANG STRAP

STUD MOUNT

PIPE MOUNT

MAGNET MOUNT

Easy Install

Pillar pods install in minutes using simple mounts such as magnets, straps, or pipe brackets. Most teams can deploy devices quickly using basic tools.
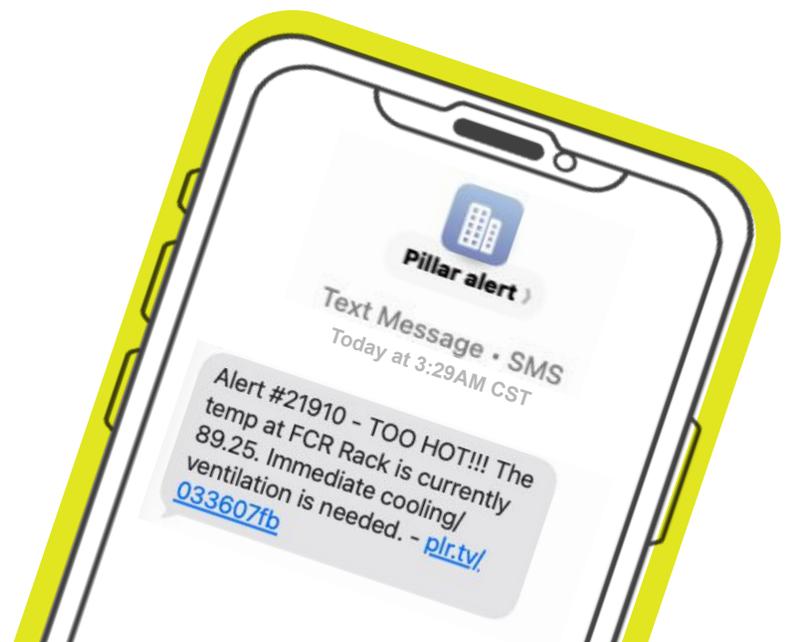
Simple Training

We provide a short onboarding session to walk your team through device placement, threshold & alert settings the dashboard, and reporting.

Custom Alerts

We start with industry-standard thresholds and refine them to fit your job and team.

Ongoing Support

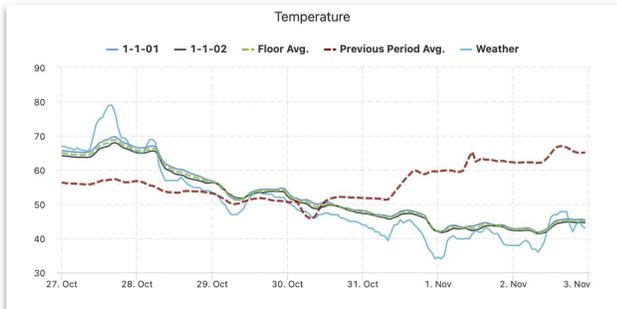Our team remains available throughout the project to assist with adjustments, reporting, and system questions.

Pillar alert

Text Message • SMS
Today at 3:29AM CST

Alert #21910 - TOO HOT!!! The temp at FCR Rack is currently 89.25. Immediate cooling/ventilation is needed. - plr.tv/033607fb
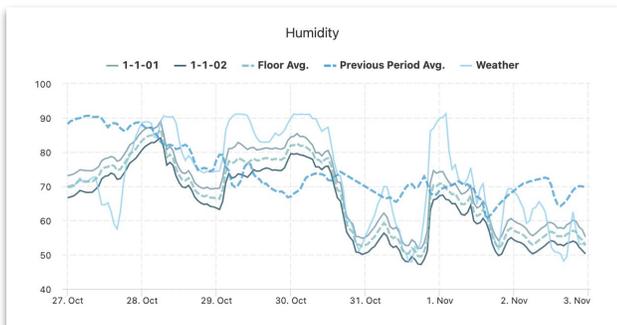
PILLAR

MISSION CRITICAL
DATA CENTER BUNDLE

Mission critical job sites require fully-automatic, mission critical-grade, real-time monitoring,alerts & reporting.

Temperature

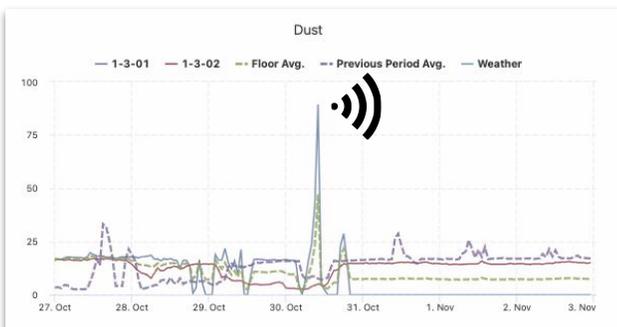— 1-1-01 — 1-1-02 — Floor Avg. — Previous Period Avg. — Weather

Temperature Alerts & Reports

Too high? Too low? Temperature affects everything from quality of power to the threat of burst pipes. Remote temperature monitoring enables real-time response for optimization as well as **protection.**

Humidity

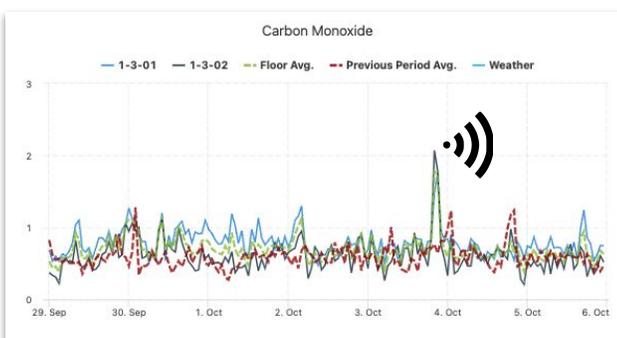— 1-1-01 — 1-1-02 — Floor Avg. — Previous Period Avg. — Weather

Humidity Alerts & Reports

Too high? Too low? Electronics, concrete, drywall all require optimal humidity. From the threat of ESD, to delays in concrete curing, remote humidity monitoring helps to keep jobs **safe.**

Dust

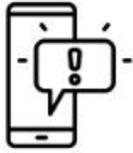— 1-3-01 — 1-3-02 — Floor Avg. — Previous Period Avg. — Weather

Dust Alerts & Reports

Too high? Too high!! Remote real-time dust monitoring provides objective data for deploying additional air handlers to keep the job **clean.** Reports reveal trends that inform process improvements.

Carbon Monoxide

— 1-3-01 — 1-3-02 — Floor Avg. — Previous Period Avg. — Weather

CO Alerts & Reports

Invisible threat! Remote real-time Carbon Monoxide monitoring provides critical real time data to for managing air flow in active spaces to keep the workers and other people **protected.**

Data Center Thresholds Guidelines
Suggestions for Setting up Alerts

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IDEAL example of an alert: What? Where? How bad. Now what. Link to site (90 characters or less)

**Alert 90210 - TOO HOT FCR Rack Room
is 89.25F Cooling needed.** plr.tv/12abc456

	UNITS	INFORMATIONAL	ACTIONABLE	CRITICAL
TEMPERATURE	ºF	Low 45 / High 85	Low 40 / High 95	Low 35 / High 100 EXTREME TEMP!
HUMIDITY	%	Low 35 / High 60	Low 30 / High 75	Low 20 / High 90
DUST (Workzone)	µg/m³	50 for 30 miN	100 for 15 min	150 Spike EXTREME DUST!!
DUST (Active Space)	µg/m³	20 for 45 min	28 for 20 min	32 for 15 min DUST INVASION!
CARBON MONOXIDE	PPM	50 TWA for 20 min	100 for 20 min EVACUATE!	200 Spike LIFE THREATENING
NOISE	MIC COUNTS	15 in 30 min	30 in 30 min	50 in 60 min
PRESSURE	HG	RELATIVE	RELATIVE	RELATIVE
LIGHT	F-CANDLES	N/A	N/A	N/A
AQI	RELATIVE	100 for 8 hours FYI	250 for 20 min	400 for 15 min POOR AIR QUALITY
EVAC EVENT	YES / NO	N/A	N/A	YES / NO
EVAC STATE	YES / NO	N/A	N/A	YES / NO
LEAK EVENT	YES / NO	N/A	N/A	YES / NO
LEAK STATE	YES / NO	N/A	N/A	YES / NO
WATER FLOW	Gal. / Min	SITE SPECIFIC	SITE SPECIFIC	SITE SPECIFIC