Introducing PulseCMC™ For The Vivarium

- **Are my animals protected from unexpected fluctuations or extreme environmental changes?**
- **Is there a system that allows me to both monitor and control an automated animal watering system?**
- **Can I see the conditions when away from my lab?**

The answer – YES. PulseCMC™ is the means of monitoring and protecting your critical research. The PulseCMC™ system utilizes the latest sensor technology and a secure, web-based interface to present you with worry-free, real-time monitoring of environmental data points. With Pulse, you can enjoy the comfort of knowing that samples and equipment are safely under constant watch allowing you and your staff to save labor, time, and enhance communication. Any deviations from set parameters will immediately be identified, allowing your team to react quickly and resolve issues before disaster strikes. With PulseCMC, you're protected.
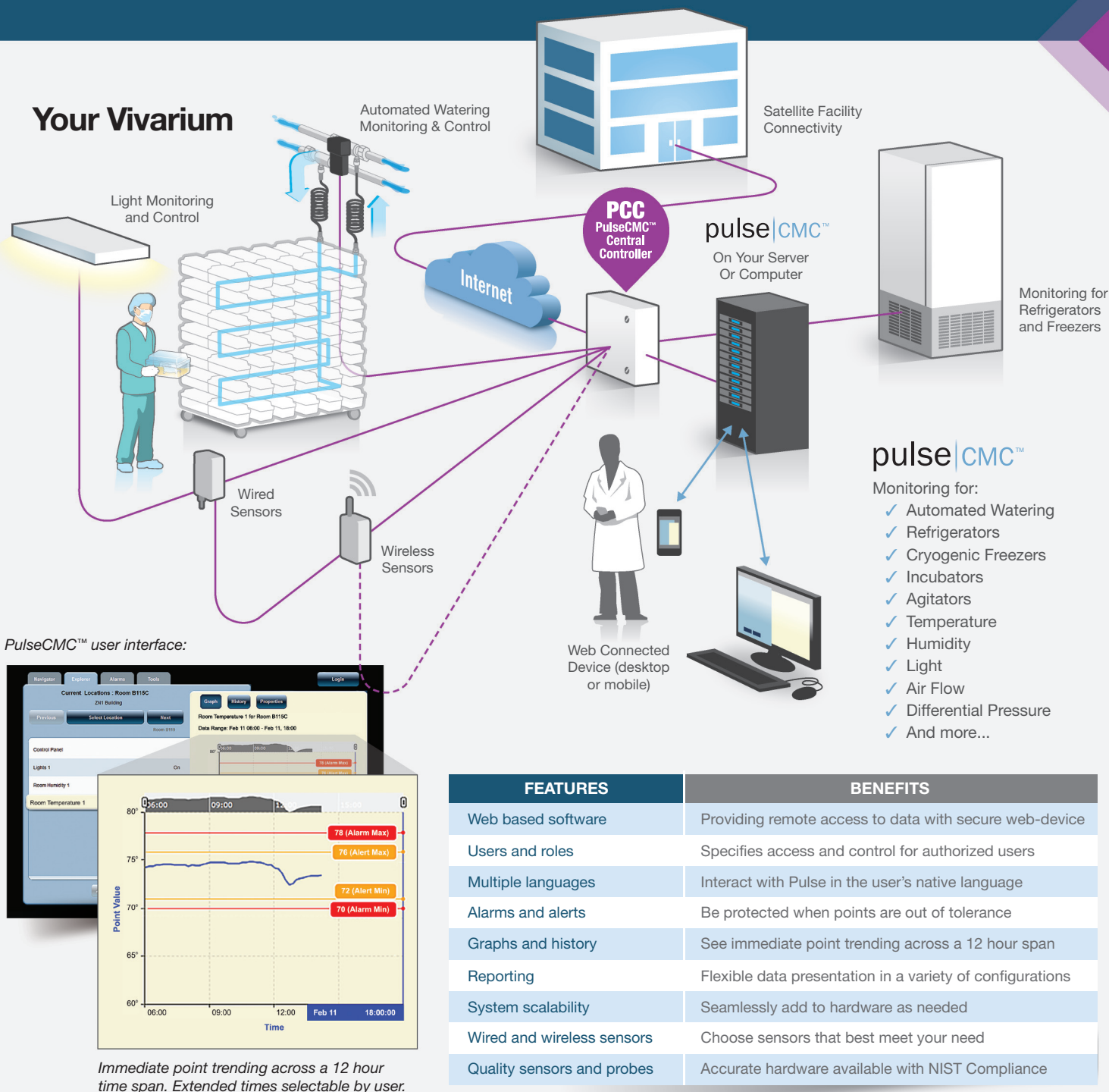
TEMPERATURE LIGHT AIR FLOW PRESSURE HUMIDITY AUTO WATERING O2 & CO2

pulse|CMC™
CRITICAL MONITORING & CONTROL

Confidence is knowing the environment where your research is conducted is safe.

With a focus on animal health and protecting research, Pulse furnishes you with an array of tools to keep you up to date with environmental monitoring. Pulse communicates with staff when a parameter is in alert or alarm, so they can efficiently address the situation. View the trends of your point data in either graphical or history format. The Users and Roles feature ensures that only individuals with specific login credentials can make changes to the system. Acknowledgment of alarms and alerts is likewise assigned ownership. The audit trail provides information on system setting changes and who made them. Pulse also offers a host of reporting templates to assist with maintaining a compliant and transparent workplace.

Your Vivarium

Automated Watering Monitoring & Control

Satellite Facility Connectivity

Light Monitoring and Control

PCC PulseCMC™ Central Controller

Internet

pulse|CMC™

On Your Server Or Computer

Monitoring for Refrigerators and Freezers

Wired Sensors

Wireless Sensors

Web Connected Device (desktop or mobile)

pulse|CMC™

Monitoring for:
- ✓ Automated Watering
- ✓ Refrigerators
- ✓ Cryogenic Freezers
- ✓ Incubators
- ✓ Agitators
- ✓ Temperature
- ✓ Humidity
- ✓ Light
- ✓ Air Flow
- ✓ Differential Pressure
- ✓ And more...

PulseCMC™ user interface:

Immediate point trending across a 12 hour time span. Extended times selectable by user.

FEATURES	BENEFITS
Web based software	Providing remote access to data with secure web-device
Users and roles	Specifies access and control for authorized users
Multiple languages	Interact with Pulse in the user's native language
Alarms and alerts	Be protected when points are out of tolerance
Graphs and history	See immediate point trending across a 12 hour span
Reporting	Flexible data presentation in a variety of configurations
System scalability	Seamlessly add to hardware as needed
Wired and wireless sensors	Choose sensors that best meet your need
Quality sensors and probes	Accurate hardware available with NIST Compliance

LEARN MORE...

See PulseCMC improve your facility by contacting your Edstrom sales consultant or visiting www.edstrom.com/pulse/