Pace Solutions *W.E.T. Systems*
Answers to the top 10 Questions

1. **What is the Pace *W.E.T. System*?**

   The **Pace *W.E.T. System***, (*W*ater & *E*nergy *T*racking), is a web based remote monitoring system introduced by Pace in 2017, to help customers and the Pace service team to remotely monitor customers' building water systems.

2. **How does the Pace W.E.T. System work?**

   The **Pace *W.E.T. System*** provides the cellular connection from a water treatment controller to a web-based monitoring platform, allowing users to simply click on a web-based browser from anywhere to view all the important water treatment aspects of their water system, including live data readings, graph displays with multiple inputs, and download historical data and activity logs.

3. **What water systems can be monitored remotely?**

   Cooling towers, evaporative condensers, steam boilers, closed heating and chilled water systems and potable water treatment systems.

4. **Does remote monitoring replace on-site testing services?**

   No. On-site testing of water treatment systems is still highly recommended to ensure programs are maintained within the recommended parameters.
   However, remote monitoring does provide an **essential component** to your water treatment program by providing an additional set of eyes on your water system(s) in between schedule on-site testing services.   In some cases, it may be weeks or months before you discover that a minor problem has created a major issue due to a system disruption in between service visits. **Having online remote access to your water system will ensure immediate alarm response, improved operations and system protection.**

5. **Does the Pace *W.E.T. System provide two-way communication*?**

   YES! Not only will you be able to view and track all your water system parameters, but you also can remotely control or adjust your water treatment dosage settings or change your program settings remotely.

6. **What parameters can the Pace *W.E.T. System monitor*?**

   We can configure and customize your remote monitoring system to control the parameters that you want. For example, a cooling tower water system can be monitored for the following parameters;

   - ✓ Conductivity/Total Dissolved Solids
   - ✓ Make-up water consumption
   - ✓ Treatment pump activation schedule
   - ✓ Corrosion inhibitor concentration (PTSA)
   - ✓ ORP sensor for bromine biocide levels
   - ✓ Data logging
   - ✓ Water flow
   - ✓ Bleedoff water consumption
   - ✓ Bleedoff valve activation
   - ✓ pH management
   - ✓ Treatment tank level monitoring
   - ✓ Out of range alarm notifications

7. **How can I benefit from the *W.E.T. System alarm service* without further overloading my staff with more notifications?**

You can select who will receive alarm notifications inside your organization, or you if you prefer, you may decide to just have the **Pace *Remote Monitoring Service Team*** be the recipients of all automated email notifications when your system(s) water or chemistry levels are out of range.

This service is vital as your **Pace service team** will be notified immediately when a problem arises, such as when a cooling tower or steam boiler has excessively high conductivity levels due to a faulty solenoid or blowdown valve. If left unchecked in between regular scheduled site testing visits, this scenario could promote mineral scale formation, resulting in high energy costs and loss of system operating efficiency.

The Pace team will also receive scheduled daily data log emails to review the previous 24 hours of operation. This is particularly imperative for legionella bacteria control in cooling towers as the data log will inform the activation of the biocide treatment pumps as well as the biocide concentration and volume consumed.

Whether it is an alarm notification or a daily data log review, the Pace service team will contact your maintenance personnel immediately or schedule a follow-up site testing visit if there are any concerns. **This results in potential savings on energy and water consumption, scale or corrosion issues, bacterial fouling (including Legionella bacteria), system shutdowns and less frequent maintenance site visits.**

8. **Is the cellular connection secure and reliable?**

Yes. Our communications are secured through our Keyed Network Control™ technology that ensures your sensitive assets are kept safe on a private network. Further technologies embedded in this package include Multi-Carrier Selection Routine™ and Remote Live Link™ which provide broader access and more reliable connections, respectively. The **Pace *W.E.T. System*** provides improved signal reach, which is made possible through our Signal Optimization Switching™ technology that makes your data more accessible than with any other telecom company available.

9. **What if we don't have the capital budget to purchase this monitoring equipment?**

No problem. Pace can provide all the required equipment and services by amortizing over a 36 or 48 month contract with no upfront costs to make it easier on your operating budget. After the contract expires, the equipment will be 100% the property of the customer (not including Pace cellular modem).

10. **Who installs the equipment and who pays for the installation?**

We can recommend an experienced HVAC service provider, or we can provide the installation instructions to your equipment service provide to install the equipment. The cost of installation is the customer's responsibility, but we can also include this cost in the amortized contract if you prefer.