Transformative Wave Unveils Its New "Cobalt" IoT Building Management System

Kent, WA, May 20, 2019: Transformative Wave, a leading innovator in HVAC energy efficiency and building automation solutions based in Kent, Washington, has unveiled "Cobalt", its next-generation building automation platform.

Cobalt is a departure from conventional approaches to building automation and controls. It has been developed using the latest IoT (Internet of Things) technology, without the limitations and costs associated with historic automation products. It is designed to be simple, flexible, and approachable to all facility operators. At the heart of this new product is the versatile Cobalt controller with on-board Wi-Fi capability, which can easily scale to whatever equipment it is applied to, regardless of complexity, size, or features.

Cobalt has the unique advantage of being able to communicate with existing legacy building automation products using standard industry protocols like BACnet™ and Modbus, but it is accessed via modern API-based cloud communications. This allows Cobalt to act as a bridge to the future where database-driven IoT standards will become the norm for every connected building appliance or device.

"Traditional building automation often is filled with proprietary "got-cha's" that are designed to keep customers bound to specialized programming tools or a manufacturer's hardware. These products purposefully restrict the availability and access to valuable operational data. Cobalt changes that. We have purposefully designed Cobalt to empower any operator seeking vendor independence, interoperability with other IoT or internal data systems, and unfettered access to their own facility and energy data," said Danny Miller, president of Transformative Wave.

The Cobalt architecture removes the cost of on-site or cloud-based "supervisory" hardware. "Think of Cobalt as similar to any Wi-Fi device in your home that can be simply accessed by a browser on any mobile device or computer. It has no external dependencies because it is a completely autonomous mini-computer with everything it needs already inside. This means operators can have all the power and advantages of traditional building automation but at much lower costs and with unhindered access to their data. This makes it possible for even the smallest buildings to enjoy a robust automation solution, leading to greater energy efficiency, insight, and control over any asset," adds Miller.

Cobalt's user interface (UI) is intuitive, responsive, and simple, requiring little to no training. It provides many of the same advantages of other Transformative Wave products including "hard" energy savings, fault detection, remote diagnostics, email alerts, portfolio tools, performance histories, dynamic charting tools, service cost reductions, humidity control, space pressure management, and performance histories.

Cobalt supports Transformative Wave's award-winning CATALYST, the most innovative HVAC retrofit technology on the market, and is compatible with Transformative Wave's award-winning eIQ Platform, an enterprise-level reporting and navigation portal for multi-site clients with large portfolios.

About Transformative Wave
Transformative Wave is a leading energy efficiency innovator in HVAC retrofit and building automation solutions, developing and bringing to market a growing line of game-changing technologies that are transforming the commercial building energy landscape. For more information or to request a demo of any of our revolutionary products, including Cobalt, the CATALYST, and eIQ Platform, visit www.transformativewave.com.

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