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SMART
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CIO TOP 10
SMART
Review INFRASTRUCTURE
SOLUTIONS PROVIDERS IN CANADA - 2024

VT CONTROLS LTD.

Pioneering the Future of Intelligent Infrastructure

VT Controls Ltd. illuminates the smart infrastructure landscape with innovation and dependability. A premier provider of building automation and smart solutions in Ontario, VT Controls not only envisions intelligent structures but also champions efficiency, sustainability, and future-readiness.

From a hands-on role in the industry's shift from pneumatic to digital controls in the early 2000s, VT Controls evolved in 2018, transcending a service-centric approach to crafting bespoke, all-encompassing solutions. This transformative journey signifies a commitment to not just addressing immediate needs but sculpting tailor-made building automation systems for enduring operational excellence.

It offers diverse services, specializing in designing and implementing BAS solutions that integrate various building systems for centralized control and enhanced operational efficiency. Its industrial automation services cater to the needs of manufacturing and industrial facilities, optimizing processes and improving productivity.

Its services streamline operational processes, eliminating disruptions in building or industrial automation solutions. Leveraging IoT, VT Controls provides advanced monitoring and control capabilities, enabling clients to manage their systems remotely and make informed decisions. Customized dashboards and analytics services transform data into actionable insights, empowering clients to optimize operations and reduce costs.

Rami AbuLibdeh, managing director at VT Controls Ltd, says, "Integrating advanced sensors, IoT, and machine learning algorithms, we're paving the way for buildings that are not just smart but also empathetic to human needs and environmental conditions."

A profound understanding of client needs lies at the heart of VT Controls' success. Intelligent infrastructure projects kick off with in-depth dialogues to unveil specific requirements, ensuring solutions are cutting-edge and in harmony with clients' visions. Recognizing financial implications and budgetary constraints, VT Controls offers cost-effective solutions that meet technical and operational requirements while aligning with clients' financial realities. The commitment to quality is reflected in precision-programmed systems tailored to meet each building's needs, with a commissioning process that guarantees optimal performance and reliability.

One notable instance involves a project where a school board faced the challenge of upgrading BAS across 30 schools, lacking any existing control system or inventory of HVAC equipment.



Rami AbuLibdeh,
Managing Director

VT Controls delivered a comprehensive solution encompassing control systems, supervisory machines and a smart server that facilitates dashboarding. This allows the school board to monitor all campuses collectively, providing real-time information on energy consumption and system functionality. The result has been significant energy savings, enhanced customer comfort, and improved operational control across those buildings.

The company emphasizes seamless integration, scalability and interoperability in addressing the evolving smart infrastructure requirements, ensuring clients' investments remain versatile and future-proof. With stringent project management methodologies, VT Controls anticipates and mitigates potential issues, ensuring on-time delivery within scope and with the highest quality standards.

“Integrating advanced sensors, IoT, and machine learning algorithms, we're paving the way for buildings that are not just smart but also empathetic to human needs and environmental conditions”

Placing a premium on reliability and uptime in building operations, it offers highly responsive and personalized service calls for repair and maintenance. The team's service visits extend beyond issue resolution, delving into understanding and addressing the unique operational needs of each facility, solidifying VT Controls' reputation as a trusted partner dedicated to maintaining the seamless operation and longevity of building automation systems.

Currently upgrading the BAS from Pneumatic to DDC at the Police Headquarters of a major Canadian metropolitan city, VT Controls proficiently handles large-scale, high-profile projects and is committed to modernizing infrastructure with state-of-the-art automation solutions.

In ongoing efforts, VT Controls is revolutionizing the sub-metering industry, harnessing data and analytics for energy efficiency, integrating AI for enhanced performance and troubleshooting and pioneering responsive systems for adaptive performance. The company's commitment to innovation is unwavering, constantly exploring new frontiers to keep clients ahead in the smart infrastructure space.

As the smart infrastructure landscape continues to evolve, VT Controls delivers solutions that are smart, intuitive, and in sync with customer requirements. **CR**

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The annual listing of 10 companies in Canada that are at the forefront of providing Smart Infrastructure solutions and transforming businesses