

VISTA SOLUTIONS DE MÉXICO



Business Line: Components, Metal forming, Others, Plastic Molding

Location: Querétaro

Sector: Automation, Measuring Equipment

Service: —

Type of Client: OEM, Tier 1, Tier 2

Description: Advanced engineering and technology company providing turnkey vision inspection products and solutions

Full Description: Vista Solutions is an advanced Canadian engineering and technology company (founded in 2003) that provides machine vision and automated inspection solutions. Machine vision is an industrial science in which optical technologies are used to automate the inspection process. Vista is widely recognized in the North American market as the premier machine vision integration group and maintains a market leader position. The benefits to the end-user are significant, with the three most important benefits being the reduction of direct labor costs associated with inspection, improved overall quality as a result of 100% inspection by non-subjective technologies and increased overall production throughput due to the substantial inspection speed advantages which are realized by machines vs. human eye. Vista employs an agnostic approach to its solutions, meaning it utilizes all commercially available machine vision technologies in the marketplace and is a long standing member of the Automated Imaging Association (AIA), with offices in Windsor, Ontario (HQ); Mississauga (Toronto), Ontario (est. 2013); Detroit, Michigan (est. 2015); and with offices in Queretaro, Mexico since 2017.

Products: Vista maintains three major business units: Smart camera solutions; custom developed solutions; vision guided robotics. 2D and 3D smart camera solutions: Solutions which utilize “off-the-shelf” technologies which are configured with vision tools which can be applied to solve applications which are considered more “standard”. When an application moves past the capability of Smart Camera 2D and 3D Vista’s Custom Developed Solutions: Solutions where an application moves past the capability of Smart Camera, Vista team will create sophisticated inspection solutions that may utilize custom optics, lasers and advanced imaging libraries and tools to solve the most demanding applications. 2D and 3D Vision Guided Robotics: Solutions that utilize machine vision technologies which allow a robot to “see and visualize”, thus making them more autonomous.

Capabilities: Within the machine vision spectrum, Vista offers solutions which involve the following: Inspection (quality determination, defect detection, assembly verification, model detection, etc.). Measurement and gauging (discreet measuring of features as well as True Position measurement). Identification and Traceability. Vision Guidance.

Certifications and Highlights: AIA Certified.

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