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Datest Receives Mexico Technology Award for Imaging and Failure Analysis Services

FREMONT, CA — October 2019 — Datest, a leading provider of advanced, efficient and mission-critical in-circuit testing, test engineering and X-ray inspection solutions, announces that it was awarded a 2019 Mexico Technology Award in the category of Test Services for its Imaging and Failure Analysis Services for Colleges and Universities. The award was presented to the company during a Wednesday, Oct. 23, 2019 ceremony that took place during the SMTA Guadalajara Expo & Tech Forum.

Datest received the award for its high-resolution microfocus digital radiography and CT-scanning services for colleges and universities. The company applies the lessons learned in seven years of service to printed circuit board process and quality engineers (rapid identification of process anomalies and root causes of board defects and failures) to the academic and research sector for engineering (mechanical, electrical, chemical, aerospace, automotive) and materials science (additive manufacturing, general 3D printing, porosity, nominal/actual comparisons).

Centerpiece of the service is a custom-built, high-precision, microfocus Digital Radiography/CT Scanning system, offering 225kV shielded rating. Objects as heavy as 50kg (110lb) and as large as 1000mm x 1000mm (39.37"²) can be inspected in 2D, 3D and CT modes. Images can be recompiled, viewed, enhanced and analyzed using Volume Graphics VG Studio, VG Studio MAX, VJT Vi3, and Fraunhofer Volex CT software packages. Colleges lacking such a system can pool resources with Datest to support research projects and training efforts. Datest is also active in promoting internships with local colleges for promising students interested in imaging and nondestructive failure analysis and metrology as a career.

The Mexico Technology Awards acknowledge the latest innovations available in Mexico produced by OEM manufacturing equipment and materials suppliers over the last 12 months.

For more information about Datest or to view the company's complete service lineup, visit www.datest.com, or call (510) 490-4600.

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About Datest

Datest was founded in 1984 to address the growing trend of outsourcing assembly test services, together with increasing OEM demands that EMS providers deliver fully tested, functioning product. The company integrates traditional electrical board test methodologies (ICT, Flying Probe, and JTAG/Boundary Scan) with

failure analysis (nondestructive as well as destructive), reverse engineering and “bonepile” rehabilitation, functional test development, and analytical laboratory services. Datest also offers comprehensive X-ray services (2D, 3D, and CT) for root cause analysis, high-level inspection and metrology, and dispute resolution. The Datest suite of services now includes a 225kV microfocus CT system from VJ Technologies, offering CT scanning and failure analysis services for all manner of larger objects besides printed circuit board assemblies. Datest is ITAR registered and has a quality management system (QMS) that is certified to ISO9001:2015 and AS9100D. Datest is a member of SMTA, IPC, IEEE, EIPC and ASNT (American Society for Nondestructive Testing).

For more information, visit www.datest.com.