

Streamlining NDT Workflows through Different Tiers of Automation

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Automation has the potential to greatly enhance the standards of inspection processes in the nondestructive testing (NDT) field, leading to improved efficiency, precision, and reliability. The crucial consideration while deploying these robust solutions is the careful assessment of the level of automation required. This automation process can take the form of software solutions to streamline workflows or more straightforward hardware enhancements, even evolving into fully robotic automated systems. The choice between these forms of automation hinges on the specific workflow of the user and how much they have adopted the principles of Industry 4.0. To address the diverse needs and requirements of various industries, it is imperative to offer a comprehensive portfolio of solutions that encompass portables, turnkey systems, customization, and advanced autonomous tools. This careful curating of solutions helps ensure that each user can harness the power of automation. These solutions significantly streamline the NDT inspection process and bring substantial improvements with increased productivity, safety, and reliability in inspections across various industries. In this presentation, we introduce our comprehensive suite of solutions, tailored for diverse industries and customer workflows. We understand that the journey toward Industry 4.0 is a continuous process, and our offerings are structured to provide solutions and support at every stage of this transformation