



PRODUCTION LINE INSPECTION CONTROL SYSTEMS FOR NDT

“ Captec have proved themselves to be experts in custom solutions, a great experience. ”

Technical Lead

A leading manufacturer of non-destructive testing (NDT) systems for both small and large scale measuring platforms with specialist mechanical and optical metrology capabilities. The customer's innovative solutions respond to the inspection needs of production in consumer, electronic and automation among other sectors. The continuity and supply of computers are integral in enabling the customer to identify and correct faults with components.



REQUIREMENTS & ISSUES

- Flexibility in mounting options for multiple installation types, while remaining cost effective
- Capable of 24/7 operation in unclean and hot factory environments
- Processing performance levels must fulfil demanding imaging requirements
- Compatibility with customer specific I/O cards
- Product availability and longevity are essential to the customer and the application
- Downtime incurred by system faults must be minimised

THE SOLUTION

- ▶ 4U customised mounting bracket and chassis provide a cost effective, stabilised and unified specification
- ▶ Front fan filters and wide operating temperature range ensures continuous functionality in hot and unclean environments
- ▶ Equipped with latest generation processors for optimised imaging performance
- ▶ Custom PCI and PCIe slots configured to support customer's individual requirements
- ▶ Customised long life components reduced costs and resources used in retesting and revalidation
- ▶ Reliability and robustness of systems reduced downtime associated with systems faults, increasing throughput and productivity



THE OUTCOME

- ▶ Initial order of several hundred units fulfilled on time
- ▶ Provision of customised brackets reduced overall costs and reinforced stability
- ▶ Long life parts eliminated the need for the quarterly revalidation of components
- ▶ Improved reliability of systems and specification standards for over three years
- ▶ Project management and outcomes created customer confidence, leading to repeat orders



CAPTEC

EMEA Office
Hampshire, PO15 5SH, UK

T: +44 (0)1489 866 066
E: sales@uk.captec-group.com

www.captec-group.com
/company/captec
@Captecgrou

North America Office
Ontario, N3H 4R7, Canada

T: +1 (519)650-4000
E: sales@ca.captec-group.com

USA Office
Virginia, 20151-2235, USA
T: +1 (703) 480-0480



151201-2 © Captec Ltd. 2015 All rights reserved - All products and company names listed are trademarks or trade names of their respective companies

