

- (i) **Name of the company: Critical Manufacturing S.A.**
- (ii) Verticals in which operating:
- a. **Electronics**
 - b. **Semiconductors:**
 - c. **Medical Devices**
 - d. **Solar**
- (iii) Credentials of company:
Critical Manufacturing is an enterprise founded in 2009 from the established business of Critical Software with the inspiration and experience of a team of internationally renowned industry experts that creates leading edge software solutions for advanced manufacturing industries.
Critical Manufacturing has its headquarters and main technical center in Porto (Maia), Portugal and additional subsidiaries in Dresden, Germany, Austin, USA and Suzhou, China, beyond Branch Office in Hsinchu, Taiwan.
As a knowledge-intensive engineering company, Critical Manufacturing combines expertise in several technological areas and deep semiconductor manufacturing experience in order to engineer state-of-the-art solutions for the most complex projects, comprising products and services to the very demanding advanced markets of semiconductor, electronics, solar and medical devices.

Certifications since 2009:

- Microsoft Gold Certified Level in the new Microsoft Partner program in Independent Software Vendor (ISV) and Software Development competences.
- ISO9001 based on the international UKAS Management System, by Bureau Veritas
- CMMI L3: Critical Manufacturing is recognized as operating at CMMI-DEV, Maturity Level 3

And the most important awards:

- COTEC - Enterprise Association for Innovation - recognized the high innovation and competence levels of Critical Manufacturing, awarding it as member of the COTEC SME Innovation Network.
- BES Internationalization revelation award as a company that stood out in 2011 for its innovative and entrepreneurial internationalization approach.
- Frost & Sullivan Global 2014 Price Performance Value Leadership Award for MES Solutions
- Critical Manufacturing named TOP 20 most promising manufacturing IT provider by CIO Review

- (iv) Previous experience in technology transfer:
Critical Manufacturing is involved in a constant scientific and technological knowledge transfer. In today's rapidly evolving technology domain, researching the latest developments and understanding their potential business benefits is crucial.
Critical Manufacturing's commitment to applied research reinforces the company's mission to develop innovative, dependable technologies to the benefit of its customers.
The company also works in partnership with universities and R&D centres in applied research in order to continuously explore new ideas and technologies. Some of the most relevant R&D activities currently ongoing at Critical Manufacturing are: please visit <http://www.criticalmanufacturing.com/en/r-d/overview>
- (v) Details of technology offered:
- a. **Application Framework** - Seamlessly integrate IT layers and increase interoperability of dispersed manufacturing applications
 - b. **Manufacturing Execution System (MES)** - an innovative technology platform that provides manufacturers in complex industries with the greatest agility, visibility and reliability.
- (vi) Contact Details
Name: Augusto Vilarinho
Communication address:
Rua Eng.º Frederico Ulrich nº 2650
4470-605 Moreira da Maia, Portugal
E-mail: amv@criticalmanufacturing.com
Phone: +351 229 446 929

About Critical Manufacturing:

Critical Manufacturing provides manufacturers in highly-complex environments with a modular, scalable manufacturing execution and intelligence system that enables users to flexibly address market demands, increase efficiency and bolster reliability across the supply chain while lowering TCO. The company is part of the Critical Group, a private group of companies founded in 1998 to provide solutions for mission and business critical information systems.

For more information please visit www.criticalmanufacturing.com or contact us at contact@criticalmanufacturing.com.