Letter of Reference

To whom it may concern

Matteo Nastasi born on 26th June 1974, citizen of Italy was employed at TVBLOB SRL from 1th August 2003 to 2nd October 2011.
Matteo served as **Senior C/C++ Software Architect** and **Team Leader** in the Multimedia Middleware Team.

TVBLOB created a TV-centric software platform spanning through embedded systems for connected devices to high-capacity cloud services.
TVBLOB is a product company focused on the evolution of Television, blending the best of Broadcast and Broadband content to create hybrid products that are compelling for end-users and enabling for new business models in the Television and CE industry.

As **Software Architect**, Matteo's role in the Multimedia Middleware Team included the following activities:
- understanding the typical design of multimedia CE devices based on system-on-chip manufactured by different vendors such as Broadcom, Sigma Designs, Toshiba, etc.
- designing a platform abstraction layer to meet the goal of a software portability with short time-to-market with minimal or no modifications to the upper layers of middleware and applications
- working with the other teams to define a service-oriented API in order to achieve the highest portability on several hardware designs
- defining a framework to accommodate all the content streaming protocols (e.g. Microsoft, Apple, Adobe), DRMs and Conditional Access systems with the lowest level of customization

Matteo also served as **Team Leader** coordinating the activities with the Project Manager and ensuring the best learning curve for junior members joining the team.

During his time with TVBLOB Matteo improved his skills in the fields of organization and Team leadership:
- embracing Agile methodologies by participating to SCRUMs and encouraging pair-programming in team members
- cooperating with QA team to introduce Test-driven culture and stimulating the company to invest in developing "software to test software" achieving efficiency and dramatically lowering testing time and pressure on customer care service
- organizing release planning and task distribution to meet the requirements of complex software development with a strong focus on the enhancement of the product *a-feature-at-a-time*. This dramatically reduced the risk of regression and side effects merging new features and the time needed to identify and fix bugs.

Some of his many significant contributions to TVBLOB's software components include:
- architecture of Multimedia Core to fit different hardware platforms
- evolution of the API exposed to the upper layers and applications

Working with Matteo, one realizes that he has a gift for analysis of complex systems and is capable of blending his technical knowledge with a passion for creating products in order to propose and implement appropriate solutions. Matteo is flexible, courteous, and hard-working, his professional manner won him the respect and trust of his colleagues and superiors.

We regret that due to the cessation of activity, we had to make Matteo's position redundant. We would like to take this opportunity to thank Matteo for his performance and dedication and wish him all the best for the future.

Milan 16th September 2011

Pancrazio Auteri   (original signed)
Chief Technology Officer