

The Teachers

Mrs. Silvia MAZZINI has more than twenty years of experience in Software Engineering. She is involved both in technical and management activities in multiple industrial and research projects. She participates to the ECSS E-40 and Q-80 working groups. She is Methodologies and R&D Manager at Intecs. Mrs. Mazzini took his degree in computer science at Pisa University in Italy



Mr. Andrea MUSONE has more than twenty years experience in software engineering and software quality. He contributed to definition of software standards for some Space programs. Teacher of ECSS and DO-178B/C standards and Consultant to International Organizations and Industry. Team member for CMMI® appraisals. He has also technical experience in GIS/EO and Avionics. Several years consultant to the Italian Air Navigation Services Provider in the frame of a European Project. Training Manager in Intecs.



The Company

Since 1974, Intecs has been operating at the forefront of the software market, where safety, reliability, innovation, and quality are essential for success.

Intecs provides leading-edge software technology support to the major European and Italian organisations in the design and implementation of advanced electronic systems for Defence, Space, and Civilian markets.

Intecs is ISO-9000 certified since 1994. Currently it holds ISO 9001:2008 quality certification for software development in Defense, Space, and Civilian domains. Moreover, Intecs Defence and ATC Divisions were positively appraised at CMMI® Maturity Level 3..



General Information

Location

Upon request, the course may be held at Customer premises.

Contact

Silvia Mazzini
Intecs SpA
Via U. Forti, 5
Ospedaletto (Pisa)
I-56121, Italy
Phone +39 050 9657513
Fax +39 050 9657400
Email: silvia.mazzini@intecs.it
<http://www.intecs.it/>



the Brainware company

ECSS M-series

The whole series of ECSS Management standards

One-day course



The course material has been prepared by Intecs under ESA/ESTEC contract.

ECSS Project Management Standards

The European Cooperation for Space Standardization (ECSS) is a cooperative effort of the European Space Agency, National Space Agencies and European Industry associations for the purpose of developing and maintaining a coherent, single set of standards for use in all European space projects. See also www.ecss.nl.

Project Management is unified onto the entire ECSS M-series (or branch). It comprehensively describes these ECSS-recognized five management disciplines:

M-10: Project Planning and Implementation

M-40: Configuration and Information Management

M-60: Cost and Schedule Management

M-70: Integrated Logistic Support

M-80: Risk Management

The Course

The objective of the course is to provide an understanding of the whole ECSS M-series, as integration and umbrella of engineering and product assurance functions that, together with management itself, are required to execute and complete a space project.

Intended audience

The course is meant for program and project managers, hardware project managers, software project managers and team leaders. Also recommended to product assurance managers/engineers and to people who are periodically asked to prepare replies to Invitation to Tenders.

Prerequisites

Participants are required to master the fundamental concepts of project management, plus a minimum understanding of quality and engineering. Some previous knowledge of other management standards and/or their application in space projects is desirable.

Benefits

The course will familiarize the attendees with the overall approach and terminology found in the ECSS M-series, and its inner disciplines.

Methods and Media

Classroom presentations with Power Point slides.

Material

The participants are provided with a printable copy of the course handouts.

Course Outline

An Overview of the ECSS Standards	9.00
Introduction to the M-series standards	9.30
M-10: Project Planning and Implementation	10.00
Break	10.30
M-40: Configuration and Information Management	11.00
M-60: Cost and Schedule Management	11.30
Break	12.30
M-70: Integrated Logistic Support	14.00
Break	15.30
M-80: Risk Management	16.00
Open discussion time	16.30
Closure	17:00