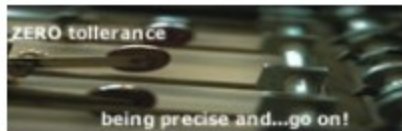


- Quality System
- Quality Control
- Workflow
- Business Intelligence
- Human Resource
- Environment, Safety and HACCP
- Project Management
- Automotive

Next Steps

- Contact Us 0522-511416
- Informations
- Join a event
- Demo on-line



Last News

- Blulink - "Chisciotte e gli Invincibili" for "Medici per il Nepal"
- From local territory to the excellence places
- 2006....A GREAT YEAR FOR BLULINK

[All News](#)



Home » Quality Control » Quarta® F.M.E.A.

Quarta® F.M.E.A.

The **FMEA Failure Mode and Effects Analysis** software module enables defects to be recognized and avoided prior to commencing production or in course of engineering. Recording all data and facts collected during the use of the module creates a copious, individual knowledge database accessible at any time for further analysis, thus greatly simplifying new FMEA. Standard forms (e.g. AVSQ, QS9000, Bosch etc.) are already prepared for printout.

This module deals with the relative Operating modes and corresponding effects - this is a bottom-up analysis: it methodically analyses all the elements of a product or process identifying the possible faults and the way in which they are revealed, the ensuing effects, the causes, the countermeasures required for eliminating the causes or for increasing the possibilities of revealing them.

Quarta® manages the different forms of FMEA as provided for by the AVSQ '94 (Italy), EAQF '94 (France), VDA 6 (Germany), QS-9000 (USA) and ISO TS 16949 regulations.

Through the integrated approach with QUARTA® technologies, the following is guaranteed:

- Timeliness: this is a preventive action and not a corrective intervention
- Teamwork: the analysis is carried out by different field technicians - teamwork, exchange of information.
- Full possibility of defining the approval cycles through the workFlow engine of **Quarta®**.
- Management of the different regulations.Process, Project and System FMEA.
- Project, process and system bill of materials.
- Customisable prints.
- Wide possibilities of analysis through all the FMEAs.
- Full integration with the registry files of **Quarta®**.
- Drag and Drop functions.
- Programming GaNT correction activity.Pareto analysis of the risk blocks.

Product **FMEA** analyses the fault(degradation of characteristics) that may occur when using the product and their consequences, also in relation to the users safety.

It is a powerful analysis tool very often used for designing reliability and safety - in general, key aspects of quality.
The bill of materials can be configured first in order to configure a grid system between assembly details and sub-groups.

Process **FMEA** analyses the potential fault sources in the operations of the production process, aiming at a premature diagnosis of the problems that could occur when manufacturing the product.
It is an analysing tool that compels to review the production process according to the product-process combined designing logics.

FMEA applies not only to new products or processes (not referable to existent products or processes), but also to existent products to be improved or processes to be modified (in operations, technologies or both).

FMEA can be developed quantitatively by processing fault probabilities. If the evaluation of the critical state of faults is introduced, we have **FMECA**: fault analysis by mode, effect, critical status.

FMEA must not be a mere procedure but a cultural approach that must be translated in action with proper techniques allowed by the software for a designing process always aimed at competitive Quality and Value, from the idea to the prototypes, to the release of products-processes [Forward Engineering].

Related Material

- Download
- Request Offer
- Print
- Tell to a Friend

Related Products

- Quarta® Process Management
- Quarta® Project Management

