

WB11 Variants and reusing concepts

- **Handling of product/process variants in the FMEA**
- **Working across structures**
- **Benefits and limits of FMEA templates (basic FMEA, generic FMEA, etc.)**

Especially when dealing with very similar designs or similar manufacturing processes of different products or components, the question arises, how to make smart use of this fact in the FMEA. FMEA participants will probably point this out by saying something like: "This is the same as FMEA XYZ, why do we have to do all the work again?"

In the seminar, several procedures and concepts will be presented to you so that you can create and maintain your FMEA with as little effort as possible in the future.

Technical requirements:

Inform yourself conveniently from any location about the *reusing concepts* of the IQ software and save travel expenses/time. To do this, take part in our live online seminar. All you need is an Internet-capable computer with a browser and a headset (VoIP) or a telephone (audio).

💡 EACH PARTICIPANT RECEIVES A TEMPORARY TRAINING LICENSE OF THE IQ SOFTWARE FOR THE SEMINAR. FOR THE EXERCISES WITH THE IQ SOFTWARE WE RECOMMEND THAT YOU WORK WITH TWO MONITORS IN ORDER TO BE ABLE TO FOLLOW THE TRAINER'S DEMONSTRATIONS IN PARALLEL.

Quality promise: Not just an online lecture

As with our face-to-face seminars, this online seminar will not only provide you with knowledge, but will also give you time to practice and answer your questions individually. Therefore, each thematic block is followed by an exercise. You can ask the trainer individual questions at any time via chat or hand signals.

💡 THE SEMINAR IS ACCOMPANIED BY A TRAINING DOCUMENT, WHICH YOU WILL RECEIVE IN ADVANCE AS PDF.

Live, no recording!

The seminar is conducted live by an experienced APIS trainer.

The Seminar Concept: Distributed Sessions instead of endless loops

In contrast to the face-to-face seminar, with the online seminar we have the advantage of training at a time when you have the best concentration. For this reason, the seminar is spread over two mornings from 8:30 a.m. to 12:30 p.m. The breaks will be individually arranged in the group.

Details of the Seminar

Target group	This seminar is intended for FMEA supervisors, who have to create FMEA for similar products and/or processes and need a solution for this problem that requires little effort.
Prior knowledge	Knowledge of methodology and experience in FMEA according to VDA and AIAG as well as safe handling of the basic functions of the APIS IQ software. Such knowledge is imparted e.g. in the seminar <i>Two-in-One (WB03)</i> .
Seminar duration	2 mornings: 8:30 a.m. to 12:30 p.m.
Services	Experienced APIS trainer; Good supervision ratio due to limited number of participants; Temporary IQ training licence; participant documents
Seminar fee	Please refer to the list of fees and dates.

**Seminar content
and schedule**

2 morning sessions each from
8:30 a.m. to 12:30 p.m.

Session 1 to 2

1. Variants

- Introducing the concept of variants
- Creating structure variants
- Show/hide objects using the *der variant matrix*
- Variant-specific net connections
- Use and maintenance of variant-specific, e.g. using the *Object Inspector*
- *Variant transition matrix* for cross-structure nets and forms
- *IQ-Explorer*: Cross-file search options (variant filter and others)

2. Working across structures

- Creation of nets across several structures
- Creation of forms (e.g. *FMEA form*) across several structures
- Use (type) catalog entries across several structures

3. FMEA templates, reuse concepts

- Comparing structures using the *function/failure analysis*
- What is a FMEA template?
- Defining a reasonable level of detail for a FMEA template
- What are the limits of a FMEA template?
- Concrete examples
- Discussion

Live Online: Organisational details

Registration: Form (see last page) by e-mail to training@apis.de

Contact for questions: APIS Informationstechnologien GmbH
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D-38102 Braunschweig
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Tel.: +49 (0) 531 / 70736 - 0
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General Terms of Business of APIS Informationstechnologien GmbH

Registration

All registrations for our seminars must be received in writing – by e-mail. By registering for one of our seminars, customers agree to be bound by our General Terms of Business.

Due to the limited number of places available for our seminars, they are awarded on a "first come, first served" basis. Registrations only become effective once they have been confirmed in writing.

If the minimum number of participants is not attained for a particular seminar then we will notify you immediately and offer an alternative date if required.

Cancellation

A cancellation fee of 20% of the attendance fee is payable if cancellation notification is received between 8 weeks and 2 weeks before the start of the seminar. If the cancellation is received less than 2 weeks before the start of the seminar then the full attendance fee is payable. We appreciate your understanding in this matter. However, it is possible to appoint a substitute participant by arrangement. You will be notified immediately if an event needs to be canceled.

In all cases the liability of APIS Informationstechnologien GmbH is limited exclusively to the attendance fee. The course instructor and the seminar program are subject to change without notice.

Fees

For details of our seminar fees, please refer to the list of seminar dates and fees. All prices are quoted per participant and are subject to VAT. The seminar fee is payable without deductions after the invoice is issued.

Scope of Validity

These General Terms of Business apply to the running of seminars and training courses in the training facilities of APIS Informationstechnologien GmbH and in external training facilities. Any changes will only be valid if they are agreed in writing.

Data Protection

By registering for a place on one of our courses you agree to your data being electronically stored and processed for the purpose of dealing with your registration.

Teaching Materials

All rights reserved worldwide. The training documents must not, even in the form of excerpts, be duplicated, passed on, re-written, saved in a database or translated into a different language without the express written authorization of APIS Informationstechnologien GmbH. Duplication is not permitted either electronically, mechanically, magnetically or manually.



REGISTRATION

Please send by e-mail to:

APIS Informationstechnologien GmbH
Wolfenbütteler Straße 31 B
D-38102 Braunschweig

Mail: training@apis.de

Seminar title	Date	Location

Participant(s):

(Title) Surname, First name	E-Mail

Information for the invoice (please fill in completely):

Company address:

Billing address (if differently from company address):

Order No.: _____

Phone / Fax: _____

Tax ID Number: _____

Location / Date: _____

Signature: _____