



APiS North America IQ-RM Software Virtual DFMEA Intro & Advanced Combo Training

WHO WE ARE

For nearly 30 years, APiS has been revolutionizing how companies leverage FMEA's within their risk-management and functional-safety efforts effectively and efficiently. Our mission is to continuously improve your product and processes with our innovative, constantly evolving, high-quality software products, expert training & consulting **with impeccable attention to Customer Service!**

WEBINAR LEARNING OBJECTIVES

During this interactive **5 Part Webinar Series**, participants will develop the basic competencies to create and maintain effective DFMEA's using the APiS® IQ-Software. **Day 5** will include **Advanced Training Topics** facilitated by our IQ-Software Expert, **Chad Johnson**.

Important Note: Participation in all 5 Webinars; in the order provided below, is **mandatory** to gain the knowledge and skills to effectively utilize the APiS® IQ-Software and support your organization's DFMEA needs.

WEBINAR

Part 1 of 5



FMEA Methodology & Structural Analysis Learning Objectives (Course Duration 4HRS)

- Agenda, Course Objectives & Expectations
- Overview and Practice: ZOOM Annotation Tools
- Understand FMEA Approach & Methodology: AIAG/VDA
- Understand the Object Hierarchy of the IQ-Software
- Understand and Update Structure Editor Display Options
- Develop Structure Model to Define the Design
- Apply User Defined Attributes, Notes & Color-Code Design System Elements

WEBINAR

Part 2 of 5



Cause & Effects (Function & Failure) Analysis: Learning Objectives (Course Duration 4HRS)

- Overview of Proper Naming Conventions and Recording of Functions, Failures, Requirements, Severities, Product Characteristics & Specifications
- Develop, Import & Maintain Catalogs
- Understand Function & Failure Net Editors & Display Options
- Demonstrate Cause and Effect Relationships in your DFMEA Model by Developing Function & Failure Nets
- Learning & Teach Back Activity: Developing Function & Failure Nets

WEBINAR

Part 3 of 5



Actions & Optimization Analysis: Learning Objectives (Course Duration 4HRS)

- Build Person/Teams Lists & Assign Tasks
- Overview of Valuation & Action Priority (AP) Catalogs
- Record Preventive & Detections Actions
- Set Occurrence & Detections Ratings
- Build and Group FMEA Form Sheets
- Overview of FMEA Form Layouts
- Introduction to Reporting Functionality – **Web Publisher**

WEBINAR

Part 4 of 5



Variants & Case Study: Learning Objectives (Course Duration 4HRS)

- Introduction and Application of Variants
 - Overview of Variants Matrix Editor
- Case Study: Variants
- Teach Back and Recap of Lessons Learned

WEBINAR

Part 5 of 5



Advanced Training Topics: Learning Objectives (Course Duration 4HRS)

- Basics of Management Reporting
- Basics of IQ-Explorer
- Basics of Scope Analysis
- Basics of Importing from Excel (FMEA Form)
- Basics of Block Diagram

For additional consulting and expert training for your FMEA and IQ needs, we are here for you!

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IQ Guru, Chad Johnson, VP of APiS, NA LLC

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Lynn Johnson
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Available for additional expert workshops, consulting, FMEA projects and audit preparation.

- 30+ years of systems and mechanical-engineering experience in automotive and aerospace fields
- APiS IQ Software & FMEA methodology expert
- Sig Sigma Master Black Belt certification from ZF/TRW automotive with 10+ years of applied experience
- Black Belt certification from the QFD Institute