



APiS North America IQ-RM Software Virtual PFMEA Training Series – OPEN SESSION

WHO WE ARE

For 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 **4 Part Webinar Series**, participants will develop the basic competencies to create and maintain effective PFMEA’s, Control Plans and Process Flow Diagrams using the APiS® IQ-Software.

Important Note: Participation in all 4 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 PFMEA needs. Training will be delivered in the **ZOOM** platform.

WEBINAR

Part 1 of 4

FMEA Methodology & Structural Analysis: Learning Objectives (Course Duration 5HRS)

- Agenda, Course Objectives & Expectations
- FMEA Objectives, Approach & Methodology: AIAG/VDA
- IQ-Software Data Model Components & Hierarchy
- Develop Structure Model to Represent the Process
- Understand and Update Structure Editor Display Options
- Apply User Defined Attributes, Notes & Color-Code System Elements

WEBINAR

Part 2 of 4

Cause & Effects (Function & Failure) Analysis: Learning Objectives (Course Duration 5HRS)

- Overview of Proper Naming Conventions and Recording of Functions, Failures, Requirements, Severities, Product & Process Characteristics with Specifications
- Develop, Import & Maintain Catalogs
- Utilize Function & Failure Net Editors to Develop Cause and Effect Relationships in FMEA Model
- Demonstrate Relationship with Failure Nets & FMEA Form Sheets
- Learning & Teach Back Activity: **Developing Function & Failure Nets**

WEBINAR

Part 3 of 4

Actions & Optimization Analysis: Learning Objectives (Course Duration 5HRS)

- Build Person/Teams Lists & Assign Tasks
- Overview of Symbolic Responsibilities & Deadlines
- Overview of Valuation & Action Priority (AP) Catalogs
- Record Preventive & Detections Actions & Valuations
- Overview of Deadline Editor for Action Management
 - Tracking Actions
 - Filtering & Communication Features
- Build FMEA, Control Plan & Process Flow Form Sheets
- Overview of FMEA & Control Plan Form Layouts

WEBINAR

Part 4 of 4

Reporting | Introduction to Variants | Variants Case Study: Learning Objectives (Course Duration 5HRS)

- Introduction to Reporting Functionality – **Web Publisher**
- Introduction and Application of Variants
- Overview of Variants Matrix Editor
- Statistics Charts
- Variant Case Study: Reinforcement of Lessons Learned:**
 - Assessment of Trainee Ability to Apply Concepts within a Variant Structure
 - Participant Collaboration & Feedback Opportunity on FMEA Development Process

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

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

Chad Johnson
VP of APiS, NA

Lynn Johnson
President of APiS, NA

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
- Six Sigma Master Black Belt certification from ZF/TRW automotive with 10+ years of applied experience
- Black Belt certification from the QFD Institute