



## APiS North America IQ-RM Software Virtual PFMEA 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 PFMEA's, Control Plans and Process Flow Diagrams 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 PFMEA needs.

<p><b>WEBINAR</b> Part 1 of 5</p>	<p><b>FMEA Methodology &amp; Structural Analysis: Learning Objectives (Course Duration 4HRS)</b></p> <ul style="list-style-type: none"> <li>Agenda, Course Objectives &amp; Expectations</li> <li>Overview and Practice: ZOOM Annotation Tools</li> <li>Understand FMEA Approach &amp; Methodology: AIAG/VDA</li> <li>Understand the Object Hierarchy of the IQ-Software</li> <li>Understand and Update Structure Editor Display Options</li> <li>Develop Structure Model to Define the Process</li> <li>Apply User Defined Attributes, Notes &amp; Color-Code Process System Elements</li> </ul>
<p><b>WEBINAR</b> Part 2 of 5</p>	<p><b>Cause &amp; Effects (Function &amp; Failure) Analysis: Learning Objectives (Course Duration 4HRS)</b></p> <ul style="list-style-type: none"> <li>Overview of Proper Naming Conventions and Recording of Functions, Failures, Requirements, Severities, Product Characteristics &amp; Specifications</li> <li>Develop, Import &amp; Maintain Catalogs</li> <li>Understand Function &amp; Failure Net Editors &amp; Display Options</li> <li>Demonstrate Cause and Effect Relationships in your DFMEA Model by Developing Function &amp; Failure Nets</li> <li>Learning &amp; Teach Back Activity: Developing Function &amp; Failure Nets</li> </ul>
<p><b>WEBINAR</b> Part 3 of 5</p>	<p><b>Actions &amp; Optimization Analysis: Learning Objectives (Course Duration 4HRS)</b></p> <ul style="list-style-type: none"> <li>Build Person/Teams Lists &amp; Assign Tasks</li> <li>Overview of Valuation &amp; Action Priority (AP) Catalogs</li> <li>Record Preventive &amp; Detections Actions</li> <li>Set Occurrence &amp; Detections Ratings</li> <li>Build and Group FMEA, Control Plan &amp; Process Flow Form Sheets</li> <li>Overview of FMEA &amp; Control Plan Form Layouts</li> <li>Introduction to Reporting Functionality – <b>Web Publisher</b></li> </ul>
<p><b>WEBINAR</b> Part 4 of 5</p>	<p><b>Variants &amp; Case Study: Learning Objectives (Course Duration 4HRS)</b></p> <ul style="list-style-type: none"> <li>Introduction and Application of Variants                             <ul style="list-style-type: none"> <li>Overview of Variants Matrix Editor</li> </ul> </li> <li>Case Study: Variants</li> <li>Teach Back and Recap of Lessons Learned</li> </ul>
<p><b>WEBINAR</b> Part 5 of 5</p>	<p><b>Advanced Training Topics: Learning Objectives (Course Duration 4HRS)</b></p> <ul style="list-style-type: none"> <li>Basics of Management Reporting</li> <li>Basics of IQ-Explorer</li> <li>Basics of Scope Analysis</li> <li>Basics of Importing from Excel (FMEA Form)</li> <li>Basics of Importing from Excel (Control Plan)</li> </ul>

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	
<p><b>Chad Johnson</b> VP of APiS, NA</p> <p><b>Lynn Johnson</b> President of APiS, NA</p>	<p>Available for additional expert workshops, consulting, FMEA projects and audit preparation.</p> <ul style="list-style-type: none"> <li>30+ years of systems and mechanical-engineering experience in automotive and aerospace fields</li> <li>APiS IQ Software &amp; FMEA methodology expert</li> <li>Sig Sigma Master Black Belt certification from ZF/TRW automotive with 10+ years of applied experience</li> <li>Black Belt certification from the QFD Institute</li> </ul>