



## **BowTie Risk Methodology Training Program Overview**

This training, which has been successfully presented in multiple organizations and industries, takes an audience who may have little or no exposure to BowTie methodology, and using an interactive and highly participative step-by-step approach, allows them to facilitate and construct BowTie(s) based on their own industry and requirements.

The BowTie Risk Methodology training will focus on current best practices in BowTie concepts and methodology that can support the operational design and implementation of BowTie processes. It will include multiple examples of real world BowTies in safety critical applications and also leverage experience from the aviation sector.

The training is not simply a course in software and is not intended to make the participants “IT software experts” intimately familiar with the full capabilities of the BTXP application. Instead, it presents the software at the working level needed for the internal subject matter expert to allow him/her to use the software and build a working BowTie that can be utilized immediately. Additionally, it provides the opportunity for the subject matter experts to engage in collective (team based) BowTie construction, which is critical to the risk management process.

### **NORMAL TARGET AUDIENCE**

The training has been developed for a target audience comprised of professionals in risk management, safety, environmental, operations and engineering. The first 1/3 of the training will be discussing high level risk concepts associated with operational implementation of BowTies and suitable to upper level supervisors and senior managers who may wish to sit in for this portion of the training. By combining multiple disciplines within the class, a broad-based perspective of risk, and risk mitigation methods, is achieved.

### **TRAINING PROGRAM HIGHLIGHTS**

- BowTie XP 30-day demo licenses – with full capability of the software – will be provided to the training class. \*
- The format is interactive presentations of the conceptual design of BowTie methodology focused on specific client identified areas of concern.
- We examine how data elements can be leveraged into BowTies to create a method of quantified measurement and performance tracking – thus balancing qualitative and quantitative data sources for proactive risk management.

With an ever-increasing number of companies and regulators adopting BowTie as their standard risk assessment methodology, the training session introduces concepts then quickly moves on to



applying BowTie methodology to basic models and concludes with incorporating the models into the software. During the training the following will be accomplished:

- Apply BowTie practices to your system to address changing risks within your operation
- Identify hazards & threats
- Examine barrier management – what really works vs. what just looks good on paper!
- Documentation of risk control frameworks
- Introduces methods for proactive risk management via BowTie models
- Discuss the role of BowTie within your SMS – how they support each other
- Review risk communication within the organization
- Measure performance and trends

While the training is generally conducted for a mixed public group, private training can be conducted if requested. In those cases – which are very popular for larger organizations - the training session will be conducted over a 1.5-day period at a location of your choice. The instructor will present the program in a lecture and interactive format with active participation by the attendees based on industry case studies. The private course can accommodate up to 12 participants.

#### **GENERAL SOFTWARE BACKGROUND INFORMATION**

There are two types of licenses you may wish to consider for any future purchase, BowTie XP Standard and BTPX Advanced. \*

The key difference between BowTieXP Standard and Advanced is that Advanced allows you to customize your BowTie template(s), import data, and create standard templates other people can use to build BowTies. In this manner, individual users of BTPX Standard can concentrate on identifying risks and building BowTie solutions and not on formatting templates.

While not required, optional support and maintenance is highly recommended. This will provide technical assistance from the OEM manufacturer during setup and the critical growth period. Updates and software enhancements are also included in the maintenance and support subscription.

#### **FOR FURTHER INFORMATION**

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\* **BowTieXP** is a next generation risk assessment software tool that uses the Bowtie Method to assess risks.

For further information on the software: [www.cgerisk.com](http://www.cgerisk.com)



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