

Managing IT Risk: The FAIR Advantage

Workshop and Certification on FAIR Analysis

Featuring: **Jack Jones**, Author of FAIR Analysis

Management Doesn't Care about Security, They Care about Risk

At the end of the day, the value proposition for security depends on its ability to affect the frequency and/or magnitude of loss (i.e., risk). As a result, effectively measuring and communicating this value proposition requires a clear understanding of the factors that drive risk. *Enter FAIR. (Factor Analysis of Information Risk)*

August 10-12, 2010

9:00 a.m. – 5:00 p.m.

Holiday Inn Cincinnati-Riverfront 600 W. Third Street, Covington, KY 41011

Registration Fee \$1950* (includes breakfast and lunch)

*Discounts Available at Registration

The course design provides analysts and managers with the background and practical experience necessary to competently perform basic FAIR risk analyses.

Presented by:



Limited Availability

TO REGISTER, VISIT:

[www.hgitsecurity.com/
FAIRtraining](http://www.hgitsecurity.com/FAIRtraining)

FOR ADDITIONAL INFORMATION, CONTACT:

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FAIR Training Agenda

Registration Begins at 8:30 a.m.

Program Hours: 9:00 a.m. – 5:00 p.m.

FAIR has been used daily by organizations large and small to help improve their risk management decisions and capabilities. The models have been reviewed by academia, where a PhD in Quantitative Analysis described FAIR as “the codification of risk.” Significant time is spent on practical application so that attendees are comfortable with applying what they have earned.

1. Introduction

- Bald Tire Exercise
- Challenges and Implications of Commonly Used Risk Assessment Approaches

2. Overview of Risk and Risk Measurement

- Risk Basics
- Probability vs. Possibility
- Risk Taxonomy
- Measurement
- Subjectivity vs. Objectivity
- Precision vs. Accuracy
- Qualitative vs. Quantitative Measurement
- Improving Measurements through Calibration
- Creating and Using Monte Carlo Distributions

3. Risk Analysis

- Primary Loss Event Frequency
- Secondary Loss Event Frequency
- Primary Loss Magnitude
- Secondary Loss Magnitude
- Risk Modifiers
- Troubleshooting Analyses

4. Practical Application

- Defining Scenarios
- Identifying Business Context
- Identifying Assets at Risk
- Identifying and Defining Threats
- Deriving Loss Event Frequency
 - Estimating Threat Event Frequency
 - Estimating Threat Capability
 - Estimating Resistance Strength
- Deriving Loss Magnitude
 - Estimating Primary Loss
 - Estimating Secondary Loss
- Articulating Risk

5. Practical Application of the FAIRLite Excel Tool

6. The Security Strategic Plan

- Introduction to Strategic Planning
 - Strategic Planning
 - Operational vs Strategic Management
 - Benefits
- The Strategic Security Plan
 - Process Overview
 - Sample tools and templates

See What Others Have to Say about FAIR...

“Our CFO was thrilled with the FAIR approach, because it's information/technical risk that keeps him awake at night.”

“We have had some great conversations around risk with the lines of business that have ended very favorably for us.”

About the Presenters

Jack Jones

Jack has been employed in technology for the past twenty-seven years, and has specialized in information security and risk management for nineteen years. During this time, he's worked in the United States military, government intelligence, consulting, as well as the financial and insurance industries. Jack has over seven years of experience as a CISO, with five of those years at a Fortune 100 financial services company. His work there was recognized in 2006 when he received the 2006 ISSA *Excellence in the Field of Security Practices* award. He is also the author and creator of the *Factor Analysis of Information Risk (FAIR) framework*.

In 2007, Jack was selected as a finalist for the Information Security Executive of the Year, Central United States, and judged the national Information Security Executive of the Year competition. He also has been a member of the ISACA task forces that developed the *Risk IT Framework and CRISC certification*, and now chairs the subcommittee for test development on the CRISC certification.

Apolonio R. Garcia, III

Apolonio has seventeen years of combined military and IT industry experience having served in a variety of roles including Network Architecture, Information Security, Project Management, Quality Assurance, and both IT Strategic & Operational Planning.

He is the founder and President of CAPC Group, an IT Security firm located in Cincinnati, OH. Apolonio advises information security teams on both tactical and strategic issues.