



Services

FAIR™ Training

RMI's training helps you integrate the Factor Analysis of Information Risk™ (FAIR™ methodology into your organization.

Consisting of six courses, training usually occurs over ten half-day sessions either at a venue of your choice or at our training facilities in Columbus, Ohio. Course trainers are industry professionals with experience using FAIR™ concepts as analysts in the field for Fortune 500 companies.

Our preferred training format is small study groups of no more than twelve analysts. Classrooms with small group sizes and a good cross section of organizational roles and responsibilities tend to work better with our interactive curriculum.

Training Objectives

RMI helps you better understand and more effectively manage your information risk program through a series of seven training courses designed for information and physical security / risk management professionals. Our program includes customized training and consulting designed to help you fully implement the processes and tools associated with FAIR™.

As a result of training, we expect the following positive business indicators:

- ▶ A more cost effective risk management program derived from an increase in consistency in analysts' risk analysis and their use of risk management metrics.
- ▶ An increase in analyst information risk expertise

Training content will help your staff understand how to apply risk management concepts to their everyday responsibilities. Specific content covered in the courseware includes (but is not limited to):

- ▶ Policy development
- ▶ Policy exception decisions
- ▶ System development, design and implementation of new applications/systems
- ▶ Solution selection – what to do about a potential risk issue and how to choose the most effective mitigation actions
- ▶ Organization analysis – understanding the current risk posture
- ▶ Risk management strategy development and prioritization – applying resources, balancing costs and controls
- ▶ Incident management
- ▶ Metrics development
- ▶ Business partnering / mergers / acquisitions decisions
- ▶ Security awareness program and focus

Given the flexibility of FAIR™ and its many uses, don't be surprised if you find your analysts using FAIR™ in new and creative ways to help your organization make better informed business decisions.

FAIR™ easily integrates with your existing security program and culture

RMI training includes review of your existing program and suggestions as how to best align your existing corporate security/risk management policies, processes, job descriptions, objectives to take advantage of the FAIR™ approach and FAIR's ability to provide you with real data with which to make decisions.

Course Offerings and Objectives

FAIR™ training consists of six courses total: five analyst training courses on FAIR™ and one management training course. Included in courseware is training on “IRMA™”, RMI’s Information Risk Management Application™ software.

RMI Course Offerings

Introduction to Effective Risk Analysis

The Introductory course is designed to change the way we think about information risk. At completion of this course, analysts will:

- ▶ Recognize why there is a need for more effective risk analysis
- ▶ Realize their current risk perspective and consider additional dimensions that are included in risk analysis
- ▶ Realize the shape, form and complexity of the problem space
- ▶ Define and describe basic risk concepts
- ▶ Express the advantages of risk management over information security

Risk Analysis 101

Part practical and part instructional, at the conclusion of the 101 course analysts will be able to independently perform risk studies. Analysts will be able to:

- ▶ Identify the factor components of loss
- ▶ Identify the conditions that create unstable or fragile risk situations
- ▶ Profile a threat community, identifying the factors that constitute a threat community
- ▶ Demonstrate the relationships between threat, action, asset and value
- ▶ Derive loss based on loss factors and the organization’s loss scale

Risk Taxonomy

This course introduces the FAIR™ risk taxonomy and discusses the relationships between the various factors. At completion of this course, analysts will:

- ▶ Recognize, define and describe basic risk factors and the framework model
- ▶ Express the relationships between the basic risk factors
- ▶ Recall basic risk nomenclature

Risk Analysis 201 (including IRMA™ Software Training)

At the completion of this final course, analysts will be prepared to perform FAIR™ risk studies and use the IRMA™ software. Analysts will be able to:

- ▶ Create object models for risk studies
- ▶ Chart inheritance throughout an object model
- ▶ Explain how defense in depth affects control strength within an object model
- ▶ Perform multi-threat and multi-level risk studies
- ▶ Express the concepts of the controls framework
- ▶ Recall the purpose of Monte Carlo Simulations in data analysis
- ▶ Proficiently use IRMA software

Risk Analysis 100

The 100 level course introduces data analysis concepts and their role within the FAIR™ framework. Analysts will:

- ▶ Recognize and describe the risk landscape components
- ▶ Explain the challenges associated with data analysis, in that data to be analyzed has to be accurate, current, a significant statistical sample and relevant
- ▶ Understand types of loss, loss frequency and loss severity
- ▶ Take part in a facilitated risk analysis scenario demonstration

Risk Management for Executives

This course is designed to help managers understand how best to utilize the data they'll now be given. Management will now be able to better :

- ▶ Express risk conclusions to business management
- ▶ Identify opportunities to apply FAIR
- ▶ Apply FAIR to organizational risk management issues such as:
 - Policy development
 - Policy exceptions
 - Solution selection
 - Organizational risk analysis
 - Strategy development
 - Risk issues prioritization
 - Metrics development and use

FAIR™ Certifications

At the conclusion of training, analysts will be given the opportunity to qualify for FAIR™ certification. Certifications are offered at four levels:

FAIR™ Analyst

Basic certification is awarded for demonstrated competency in FAIR concepts.

FAIR™ Senior Analyst

Analysts that perform exceptionally well and show proficiency with advanced FAIR concepts are awarded Senior Analyst certification.

FAIR™ Trainer

Analysts that have demonstrated an mastery of FAIR concepts (including management courses), attend additional training and are sponsored by their organization are awarded FAIR Trainer certification, and as such are able to teach FAIR courses up to Risk Analysis 201.

FAIR™ Master Practitioner

A FAIR Master Practitioner has demonstrated competency in all courses, achieved trainer status, and engages in continuing education responsibilities.

For More Information:



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