

IET specializes in Bayesian Network technology. IET's R&D division enhances and extends the current state of the art while its Engineering division develops tools and implements custom solutions. Uncertain, incomplete and conflicting information from a variety of sources of varying credibility characterize real world problems. With over a dozen years of experience and a proven track record for success, IET develops breakthrough methods, tools and techniques for the application of Bayesian Network technology that solve real world problems.

Quiddity*Suite©

quid•di•ty -

(kwɪdɪˈtɪ) 1. The real nature of a thing; the essence.

IET's **Quiddity*Suite** complements and extends commercial Bayesian Network toolkits by providing methods and tools that support engineering large-scale, complex systems whose solutions must deal with real-world situations.

APPLICATIONS	<ul style="list-style-type: none"> - Aerospace - Customer Relationship Management (CRM) - Energy Exploration - Financial Services 	<ul style="list-style-type: none"> - Homeland Defense - Human Resources - Medical Claims - Military - Pharmaceuticals
SOLUTIONS	<ul style="list-style-type: none"> Adv. Algorithm Development Modeling 	<ul style="list-style-type: none"> Engineering Analysis Simulation
TOOLS	<ul style="list-style-type: none"> QUIDDITY*Inference QUIDDITY*Execution Manager QUIDDITY*Developer 	<ul style="list-style-type: none"> QUIDDITY*Modeling QUIDDITY*Script
KNOWLEDGE	<ul style="list-style-type: none"> QUIDDITY*Methods 	<ul style="list-style-type: none"> QUIDDITY*Services

Packaged Solutions Overview

To help you get started using Bayesian Networks technology, IET has bundled the services and tools of **Quiddity*Suite©** into three packages:

- (1) **Quick Start** – IET technologists work with you to design and build a working prototype or proof of concept in just four to six weeks. Tasks include assessment of the target application, knowledge elicitation, model construction, implementation and integration for testing.
- (2) **Production Implementation** – IET technologists build on the work done in Quick Start, refine it for completeness, accuracy and performance, and move it into a production environment.
- (3) **Advanced Implementation** – IET technologists extend the Production Implementation to provide greater functionality.

If you are interested in the application of Bayesian Network technology, you owe it to yourself to talk with IET.

**Contact IET at:
703-841-3500 or quiddity@iet.com or www.iet.com**

Packaged Solutions

Customers typically choose to begin with a Quick Start program to learn the value of applying Bayesian technology to their applications and limit their investment. With Quick Start results, customers can choose to build on their Quick Start investment by moving to a base production system. Base models can then be extended and enhanced for even greater benefits by moving to an advanced implementation.

Feature	“Quick Start” Proof of Concept	Base Model Production Implementation	Advanced Production Implementation
Initial Consultation – Objectives Definition	√	√	√
Site Survey: Systems & Data Assessment	√	√	√
Schedule of Events & Deliverables	√	√	√
Knowledge Elicitation	√	√	√
Prototype Model Development	√	√	√
Test Data Extraction & Integration	√	√	√
Prototype Model Testing	√	√	√
Prototype Results Validation (Proof of Concept)	√	√	√
Documentation: Models & Systems Configuration	√	√	√
Base Model Construction	√	√	√
Base Model Integration & Implementation		√	√
Base Model Testing, Validation & Refinement		√	√
Output Data/Reporting Capabilities		√	√
Production System Installation		√	√
Production System Testing		√	√
Integration with Internal Data Sources		√	√
Training: Quiddity		√	√
Technology Transfer: System Support & Maintenance		√	√
Model Performance Tuning		√	√
Advanced Capabilities Model Development			√
Static/Dynamic Modeling			√
Batch/Real-Time Data Feeds			√
Cumulative Elapse Time	4-6 Weeks	6-8 Weeks	8-12 Weeks
Cumulative IET Resources	1-2 People	2-3 People	2-4 People
Cumulative Approximate Cost	\$50,000	\$125,000*	\$200,000*

** This is an estimate. Processes vary significantly so the actual cost can better be calculated when IET discusses your process and expectations.*

Optional Services

Customers can also add the following services and products: (1) Advanced training programs, seminars and/or Bayesian software certification, (2) Ongoing Help Desk support and maintenance, (3) Consulting services, (4) [Quiddity](#) License development and run time licenses purchases, (5) [Quiddity](#) source code.