

## Software Engineering

From our Program and Requirements Management work on the International Space Center to our validation and verification work on the destroyer-class ships for the U.S. Navy, SHIM takes a comprehensive approach to software engineering. Although we are involved in a wide-variety of software engineering projects, one thing is always the same – we create custom solutions to solve your unique business needs.

### **We specialize in the following areas:**

#### **Software Management**

- Requirements Management
- Program & Project Management
- Risk Management
- Acquisition Management
- Software Quality Assurance

#### **Software Measurement**

- Function Point Analysis
- Earned Value
- Inspections and Reviews
- Personal Software Process (PSP)
- Team Software Process (TSP)

#### **Software Development**

- Architecture Analysis & Design
- Requirements Analysis
- Product Design Methodologies
- Implementation
- Data Modeling and Management

#### **Value Added Reseller**

- Computers & peripherals
- Network equipment
- Software
- Training

#### **Our Results:**

When the USAF Software Technology Support Center hired SHIM to help them find a more economical method for managing consultant resources, SHIM met the challenge.

SHIM's Software Engineering Team was able to reduce their operating costs by 75% through a JIT consulting service. They also experienced a six-fold revenue increase after the JIT system was put in place.

#### **Sample Customers:**

- NASA Glenn Research Center
- Navy NAVSEA PMS500
- USAF Software Technology Support Center

