

# PQI Consulting LLC

## Capabilities Statement For Analytical Services

*The Finest In Analytical And  
Communication Products And Services*



### Mission Statement

The mission of Process Quality Improvement (PQI) Consulting LLC is to provide our customers with analytical and communications products and services that may be used as embedded support to essentially any electronic system. Whether it's ...

1. Sophisticated data analysis that needs to be performed at the time of collection to support expert decision systems, or
2. Anomalous data circumstances that must be sensed and acted on in time-critical applications (such as the determination that recent data is not consistent with a steady-state system operation), or
3. Rapid calculation of complicated algorithms at an arbitrary level of precision,

... all of these analytical applications and many more may be addressed in an automated, programmable, and highly-flexible solution through the use of PQI Consulting LLC products and services.

We also offer the long experience and detailed expertise of consulting services for the design, modifications, and implementation of PQI Consulting LLC products into a customer's current and in-development products. This ensures the full potential of our products is realized as cost- and time-efficiently as possible.

### Patents Pending

- Arbitrary Precision Nomographic Analytical Calculation Application Specific Integrated Circuit (APNAC)
- Surveillance System For The Optimal Calculation Of Real-Time Simultaneous Locations Of Multiple Targets (SSOC)

### Core Capabilities

- Mathematical/Statistical/Computer Science Analytics Development
- Mathematical/Statistical Programming Services
  - o C, MATLAB, MAPLE, R, SAS
- Hardware Descriptive Language (Verilog) Development
  - o ASIC Prototyping/Implementation Of Calculation Algorithms
  - o Module Simulation Within Embedded Systems
- PQICSTAT™ mathematical and statistical library for calculations at an arbitrary level of precision.

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