



# The Quantum World Corporation – ComScire

Scott A. Wilber, President

P.O. Box 51330, Albuquerque, NM 87181-1330

(505) 222-0612 • [contact@comscire.com](mailto:contact@comscire.com)

<https://comscire.com/government>

DUNS: 114241594

CAGE: 3C3Z3



## Capabilities & Expertise

The Quantum World Corporation, DBA ComScire, offers a wide range of advanced and emergent technologies, including randomness, data security, analog and digital design, embedded systems, algorithms and mathematical modeling to the public and private sectors. Doing business worldwide for 24 years. We are a VIP verified Veteran-Owned Small Business (VOSB).

### Clients

ComScire's customers include:

- BAE Systems
- The Boeing Company
- Hewlett-Packard
- Intel Corporation
- Lockheed Martin
- Rockwell Collins
- Texas Instruments
- U.S. Navy

### Affiliations

- New Mexico Technology Council

### Certification

- VOSB

### Services

Research & Development NAICS 541715

2012 NAICS 541712

- Quantum and true random number generators
- Pattern recognition, algorithms
- Electromagnetics
- Electronics
- Bio-photonics

Hardware Engineering NAICS 541330

334118, 334510, 335999, 541519

- Randomness and true random number generators
- Custom analog and digital circuit design
- Embedded systems including FPGA implementations
- Analog and digital signal processing
- GPS location and time systems

Software Engineering NAICS 541511

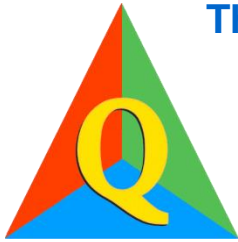
- Computer interfacing
- Mathematical modeling
- Scientific programming
- Algorithms
- Simulation of physical and mathematical systems

Systems Integration NAICS 541512

- Computer systems integration
- Real-time computer systems
- High-accuracy computer time systems
- Custom hardware/computer interfacing

Scientific and Technical Consulting NAICS 541690

- Testing of randomness and random number generators
- Analysis of gaming programs for accuracy and win/lose probabilities
- Various proposals for random number generator systems



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## Key Personnel

### Scott A. Wilber, Founder/President



Founder Scott A. Wilber, veteran owner, is a well-established inventor and entrepreneur with 12 patents including two for the first commercially viable pulse oximeter, recognized as one of the most valuable medical devices of the 20<sup>th</sup> century. Other patents cover inventions in the fields of laser gyroscopes, optical character recognition and influence of mind detection, as well as five patents for true random number generators and generation methods. Mr. Wilber spent years as a researcher at the University of Colorado and co-authored several articles published in major scientific journals such as Physical Review B, Journal of the Electrochemical Society and Inorganic Syntheses. He previously held a Top Secret clearance for classified work with the US military.

Mr. Wilber brings vast technical expertise to the company. In addition, he is a highly experienced business leader. His track-record of technical and entrepreneurial successes includes founding and running several companies. Some specific areas of excellence include:

#### Entrepreneurial

- Business organization and management including all aspects of high-tech start-ups
- Fund raising
- Legal and patent issues

#### Technology Assessment

NAICS 541690

- Patentability
- Manufacturing
- Cost and marketability

#### Technical

NAICS 541715, 541330, 541511, 541512, 541519, 334118, 334510, 335999

- Pharmaceutical (especially bio-pharmaceuticals)
- Chemical and laboratory equipment and procedures, HPLC
- X-ray crystallography and high-pressure (kiloton) presses
- Applied Optics including bio-optics, Solid-State chemistry
- Materials research on high-temperature superconductivity and wires
- Electromagnetics
- Analog and digital circuit and testing including FPGA implementations and embedded systems
- Microwave devices and related printed circuit design
- Analog and digital signal processing
- Real-time computer systems
- Randomness and true random number generators and testing
- Computer modeling and simulation of physical and mathematical systems