

# CASE STUDY

## Investment and development opportunities for quantum systems in the aerospace defense sector

The Client is an aerospace defense company.



### The Challenge:

The Client came to PreScouter seeking to better understand the investment and development opportunities available globally for quantum systems and quantum sensor development. The goal of the Client was to determine which technical area was most relevant to develop, given:

- The current state of the technology
- The available funding sources from governments and military units around the world
- The outlook on the effectiveness of products developed from these technologies in about 5-10 years' time



### Methodology:

From its network of 4000+ Advanced Degree Researchers (ADRs), PreScouter put together a team of experts and scholars that conducted research on the development of quantum systems and ascertained the state of the art in each of the following quantum technical areas as applied to military use:



## Methodology (cont.)

- Frequency standards/clocks
- Navigation
- Electromagnetic field measurement
- Gravity/gradient
- Radar
- Earth observation/infrared communication
- Key distribution

The PreScouter team then identified and brought on Subject Matter Experts (SMEs) to create a report that they presented to the Client to help them make decisions about which technologies held the most promise for investment and development.



## Results:

From PreScouter's report, the Client obtained vital background information and learned about the current state of quantum systems and quantum sensors for military use. PreScouter's work helped the Client gain valuable insights into specific technological areas that they were interested in exploring.



## Impact of PreScouter work

The Client now has a more clear understanding of which sensor areas will make for a better investment opportunity, given the likely products that can be derived from these technologies and the available sources of funding.

In addition, PreScouter's results were used to produce a quantum technology development roadmap for the US military.

# Clients Rely On Prescouter For

✓ COMPETITIVE INTELLIGENCE

✓ TECHNOLOGY & PATENT LANDSCAPING

✓ TECHNOLOGY ROADMAPING

✓ MARKET RESEARCH & ANALYSIS

✓ TRENDS MAPPING

✓ REVIEW BEST PRACTICES

✓ PATENT COMMERCIALIZATION STRATEGY

✓ DATA ANALYSIS & RECOMMENDATIONS

✓ ACQUIRE NON-PUBLIC INFORMATION

✓ SUPPLIER OUTREACH & ANALYSIS

✓ CONSULT WITH INDUSTRY SUBJECT MATTER EXPERTS

✓ INTERVIEWING COMPANIES & EXPERTS



Explore how PreScouter can help solve your innovation challenges. Contact us [here](#) or email us at [solutions@prescouter.com](mailto:solutions@prescouter.com) directly.

**500+**  
CLIENTS  
WORLDWIDE

**4000+**  
RESEARCH  
REPORTS CREATED

**150,000+**  
HOURS OF RESEARCH  
COMPLETED FOR CLIENTS

**RioTinto**

  
AGNICO EAGLE

  
EMERSON

 AngloAmerican

**TOSHIBA**  
Leading Innovation >>>

  
DOW

 **AK Steel**

 **Amkor**  
Technology

 **Lhoist**

  
**Mosaic**

 **APPLIED**  
MATERIALS

  
**e-on**