**Index page:**

OUR MISSION

Commercializing disruptive technology that is improving the world.

ABOUT COBALT

Cobalt is a team of scientists, engineers, innovators and investors dedicated to commercializing groundbreaking inventions.

WHAT WE DO

Cobalt sources, vets, seeds and builds teams around a diverse portfolio of short, medium and long-term projects for high-level economic performance. Building upon the strengths of academic, research, and governent lab partners, Cobalt creates value through unique patented processes, a network of external and in-house experts, and strategic partnerships.

8x

Increased Technology  
Innovation Speed

Spotlight

Smart Reef:

Cobalt is inspired by biomimicry and technology to shape how we think about protecting coastlines.

Exercise Device for Elite Athletes:

Leveraging the power of robotics and artificial intelligence to change the way athletes are trained and rehabilitated.

**Menu:**

Home

About

How The Process Works

Our Team

Pensacola Area

Projects (*is there a better word??? Innovation Pipeline? Investments?)*

Smart Reef

Robotic Exercise Device

Contact

**Contact Page:**

Map

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**About Page:**

**HOW THE PROCESS WORKS**

Changing the world through disruptive technology.

Cobalt’s framework for assessing, managing, and building our intellectual property portfolio, focuses on competitive analysis, securing patent protection, and translating research laboratory discoveries into field-tested innovations. Our team of experts have a collective experience of over 100 years in understanding market, organizational, and technology risk as well as valuation knowledge that form the baseline of our philosophy to change the world through disruptive technology.

**OUR TEAM**

Combining the best people and the best technology to deliver results

Our diverse group of entrepreneurs and technology experts has a combined experience of over 100 years in product and business development. Cobalt's unique team reduces the risk, timeline, and cost of commercialization, increasing investor return.

Learn more about our team.

**PENSACOLA AREA**   
As Florida’s largest region along the Gulf Coast, Greater Pensacola’s economy is a generator of new businesses while also attracting business and industry worldwide. The region is home to more than 500 companies, an advanced manufacturing industry and experienced entrepreneurs. Pensacola has recently been ranked in the Forbes Top 100 cities for cost of doing business. Visit [FloridaWest Economic Development Alliance](https://www.floridawesteda.com/) to learn more.

* [Naval Air Station Pensacola](https://www.cnic.navy.mil/regions/cnrse/installations/nas_pensacola.html)
* Technology and cybersecurity sectors
* [University of West Florida](https://uwf.edu/)
* [Innovation Coast](http://www.innovationcoast.com/)
* World-renowned [athletic training facilities](http://www.andrewsinstitute.com/about/)
* Award-winning [healthcare systems and medical parks](https://www.ebaptisthealthcare.org/About)

**Projects Page:**

Box 1: The Smart Reef™ system is a patent pending technology-based artificial reef system that protects coastlines, promotes marine life and restores a healthy ecosystem.

Box 2:

-Retired Marine Colonel with a M.S. in Management and B.S. in Oceanography

-Chief scientist with a Ph.D. in Geospatial Tech and an M.S. in Environmental Engineering (Brian is leaving)

-Nuclear engineer with over 25 years experience in aquaculture, lighting, and entrepreneurship

**Reducing coastal erosion**   
Smart Reef™ is a patent-pending data-driven artificial reef system that protects coastlines, promotes marine life and restores a healthy ecosystem.

**THE ISSUES**

**Coastal Land Loss**

In the past 50 years, more than 1500 square miles of coastal Louisiana have been lost.  
Source: [Coalition to Restore Coastal Louisiana](http://www.crcl.org/).

**Marine Habitat Decline**

Reef sites that are properly located, constructed and managed can enhance the marine habitat for associated important sport fishes and other organisms. As of 2017, there are 69 inshore reefs, 15 offshore reefs and 8 rigs-to-reef sites that enhance and support important marine species.  
Source: [Mississippi Department of Marine Resources](http://www.dmr.ms.gov/)

**Ecosystem Degradation**

Between 1930 and 1973, approximately 8,170 acres of coastal marshes were filled for industrial and residential uses.  
Source: [Environmental Protection Agency](http://www.epa.gov/)

**Galaxy Page** (*needs to be renamed)****:***

Box 1:RED’s sleek robotic machinery combined with exclusive features make it the only one of its kind to revolutionize the exercise training environment.

Box 2:

-Engineer, entrepreneur, and technologist with experience managing engineering development, prototype design, and testing activities

-CEO of an advisory firm involved in corporate innovation programs and high-technology industries

-Mechanical engineer with experience in research and development in the medical industry

**THE SOLUTION**

**From the International Space Station to the NFL**  
Beginning with work conducted at NASA and national research labs, Cobalt’s Robotic Exercise Device leverages engineering design, scientific method, computer science, and health and human performance to provide a safe and data-rich strength training device. This revolutionary development harnesses the power of robotics and artificial intelligence to change the way athletes are trained and rehabilitated.  
  
The Robotic Exercise Device will serve elite athletes across a wide range of professional franchises.

**INDUSTRY ISSUES**

**Athletic Analytics**

Lack of comprehensive performance and rehabilitation analytics

**Holistic Training**

Ineffective remote training and low athlete/trainer engagement

**Player Downtime**

Player downtime due to injuries and lengthy rehabilitation

**THE FEATURES**

**Data Acquisition**  
RED is equipped with sensors to pull high-resolution positional data that is mapped to the user.

**Report Generation**  
RED offers high-resolution data acquisition and tracking capabilities.

**Remote Monitoring Training**  
High level sensor connectivity enables remote monitoring.

**Visual Feedback**  
Sensor data is displayed with 3D spatial mapping of movement and force.