

A photograph of a research station in Antarctica, featuring a red and white striped tower with various antennas and equipment on top, situated on a snowy landscape under a cloudy sky.

Naval Information Warfare Center (NIWC) Atlantic United States Antarctica Program (USAP)

About Us

DIGITALiBiz, Inc. (iBiz) provides business IT solutions, systems engineering and integration, research and analysis, communications strategy, and program management to support the U.S. federal government. Our mission is to maximize investments, utilize best practices, and partner with our customers to implement effective and scalable enterprise solutions. Founded in 2002, iBiz is ISO 9001:2015 certified and maintains a government-approved accounting system audited by the DCAA. We are headquartered in Rockville, MD and have employees working onsite with customers nationwide, including Cambridge, MA; Atlantic City, NJ; Oklahoma City, OK; Charleston, SC and throughout the Washington, DC metropolitan area. iBiz was voted a 2015 & 2016 Top Workplace and a 2018 & 2019 Best Place to Work in the Washington, DC area. In 2019, iBiz was named the Air Traffic Control Association (ATCA) Annual Outstanding Achievement for Small Business Award winner. After more than 18 years of successful service, iBiz remains committed to our guiding philosophy of **Vision & Innovation That Works**.

Overview

iBiz provides engineering and operational support for the Naval Information Warfare Center (NIWC) Atlantic to support the National Science Foundation's (NSF) United States Antarctica Program (USAP). The work supports ongoing efforts required for the Aviation and Polar Programs mission at McMurdo Station, Antarctica, Christchurch, NZ and the Remote Operations Facility (ROF) in Charleston, SC. iBiz delivers and manages systems necessary for the safe execution of airspace management and control, quality operational meteorology, reliable aviation ground systems, and secure/compliant information systems.

Services include:

- > Air Traffic Control (ATC) Operational Support
- > Meteorological (MET) Observation and Forecasting
- > System and Maintenance (SAM) Support

NIWC Support Areas:

iBiz is providing a full range of services in support of the National Science Foundation's (NSF) United States Antarctica Program (USAP) including:

> Air Traffic Control (ATC) Operational (AirOps)

- > AirOps General Requirements
- > ATC Facilities & Support Requirements
- > ATCT Operations
- > Non-Radar Operations (IFR/VFR Traffic)
- > Limited Aviation Weather Reporting Station (LAWRS)

> Meteorological (MET) Observation and Forecasting

- > MET Operational Requirements
- > Weather Forecasting
- > Weather Observation
- > Data Collection/Analysis

> Systems and Maintenance (SAM) Support

- > NAVAIDS Support
- > MLS & TLS Support
- > Communication (COM)
- > MET Systems
- > Information Systems
- > Sustaining Engineering
- > Logistics Support

Proven Results:

During the 2019 - 2020 season at McMurdo Station, the iBiz Team met and exceeded expectations for aviation weather forecasting and analysis. The team's overall Operational Verification (OPVER) was 98.3% — of the 469 scheduled missions, 461 were forecasted accurately.

"Thank you all for the service that contributed to a fantastic year. We owe this team a debt of gratitude for diligent professionalism. The performance of the 2019/2020 MET Team to accurately forecast and observe in this meteorologically horrid place is now second to none. This year's audit numbers far exceed every previous season's accomplishment. Your success contributes greatly to the success of the program. Thank your team for all the professional and highly accurate products they provided over the past 12 months." — *Art Cayette, Meteorology Lead, U.S. NIWC Atlantic Polar Programs*



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