

Mibio Medical, LLC is selected for IBM's Watson Build Challenge

Developing a 21st Century Training Solution for Medical Professionals

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FOR IMMEDIATE RELEASE

Memphis, TN: Mibio Medical has been selected to advance to phase two of the [IBM Watson Build challenge](#)! Mibio Medical's submission, "The 21st Century Internet of Things (IoT) Surgical Dashboard™", will be developed into a working prototype using IBM Watson APIs on the IBM Cloud. IBM will provide Mibio Medical with access to IBM development tools, business mentors, and cognitive specialists to bring its vision to life.

The Watson Build challenge is IBM's first cognitive challenge designed solely for IBM Business Partners. In phase one, IBM received hundreds of business plan submissions around using Watson from business partners around the world. In phase two, selected proposals were chosen to progress and start building working prototypes to demonstrate these cognitive products and services.

"The response to our first-ever Watson Build challenge for business partners has been phenomenal," said John Teltsch, General Manager, IBM Global Business Partners. "We congratulate Mibio Medical for presenting a strong business plan centered around IBM Cloud and Watson and for progressing to the next round of the challenge. We look forward to supporting Mibio Medical as they work on a prototype for the IoT Surgical Dashboard™, with the goal of bringing it to our joint clients."

The Surgical Dashboard™ will provide guidance for residents, surgeons, hospitals, and the medical device community through a hardware and software solution consisting of:

- An interactive application providing teaching, training, data analytics, and cognitive insights for users.
- A surgical trainer that facilitates the physical interaction of surgeons and staff with existing instruments and implants.
- Cloud integration, which supports a complete internet solution.

The accessibility of IBM's Bluemix platform combined with Watson will benefit clients by:

- Allowing voice interactions through Watson Services and ChatBot technology.
- Visualizing real-time surgical techniques through our Surgical Dashboard™ and Cloudant.
- Using existing journal databases as real-time baselines during training for improving clinical outcomes.
- Supporting metrics and data algorithms through Bluemix DashDB infrastructures.

This unique approach can revolutionize the medical community by:

- Transforming a stagnant educational system into a dynamic, 21st century approach.
- Facilitating a medical resident's development and mastery of surgical techniques.
- Leveraging data to inform users on the ergonomics of surgical sets and techniques.
- Providing access to underutilized journal knowledge in a cognitive database.

“We are honored and excited for the opportunity to showcase such a disruptive biomedical platform with IBM technology,” said Ian Rubín de la Borbolla, Founder of Mibio Medical. “We are looking forward to deepening the relationships we have with the global medical community by improving the possibilities for integrating big data in this new era of cognition.”

Mibio Medical has benefited greatly from access to Watson, Bluemix Dashboard, and the technical expertise required to integrate these tools into a unified solution. “We would not have been able to offer such diverse options to surgeons without the ability to pick and choose from multiple back-end, middleware, and front-end support tools provided by IBM Solutions,” said Mark Chicoskie, Mibio Medical's Research Design Strategist and STEM Innovator. These solutions enable Mibio Medical to expand its infrastructure and will result in a more robust IoT solution that combines data and cognition tools previously unavailable in the industry.

Mibio Medical develops biomedical IoT solutions and is an official Business Partner in IBM PartnerWorld, a program that gives channel partners the resources and tools they need to succeed in the Cognitive Era.

To find out more about Mibio Medical, please visit www.mibiomed.org, and for more on the Watson Build, click [here](#).

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