



Indiana Connected Health Lab FAQ

What is IoT (Internet of Things)?

The Internet of Things (IoT) is a general concept that describes technologies where just about anything can be connected and communicated remotely in an intelligent way. It usually includes electronics or microelectronics, data communications, back-end ways to securely collect and store large amounts of data, and methods to analyze and act on the data, sometimes using AI (Artificial Intelligence).

Why a focus on health IoT?

Analysts predict that the size of the digital health market affected by smart connected health devices is over \$43 trillion.

IoT is having a transformative impact across all areas of health: Creating an integrative delivery model, transforming the way healthcare works, and “unlocking health care value.” In Indiana, Health + IoT will dramatically affect many sectors that already have a huge impact in this state including: Healthcare, Medical Device, Pharmaceutical, Health IT, Insurance, and Advanced Manufacturing.

Why are you calling it a Lab?

Think of it as an idea laboratory. It is a place to try and to learn the latest IoT technologies. It is a place to network with technology developers, integrators, and end-users. A place to envision and ideate new processes and products.

What is the EDA grant project all about?

The EDA RIS i6 Grant is a three-year federal grant designed to create and expand cluster-focused entrepreneurship and technology transfer programs in close collaboration with industry partners. The NIIC Proposal defined a Connected Health Lab to build upon our strong health sectors by helping them take advantage of the latest technologies.

What will the Connected Health Lab do?

The Lab will actively engage healthcare organizations, IoT supplier companies and applied- research universities. The lab will be inclusive, multi-disciplinary and will focus on practical applications with commercial merit and readiness.

What kind of organizations and people should be involved in the Lab?

As IoT and Health are very broad-based technology and market segments, many types of companies and individuals that could provide service, technology or other solutions are encouraged to engage, even if you don't know what IoT is about. We will help teach you.

Health-related market companies will be a big part of our network and privacy and intellectual property protections across companies will always be of utmost importance. These companies can learn about the latest IoT and connected health technologies and applications. Global participation will be encouraged.

What results do you expect from the Lab?

The Connected Health IoT Lab's goal is to catalyze company growth, creation and attraction while providing better outcomes for patients. This is realized through:

- Growth of existing companies in targeted sectors launching new products and services,
- Health of companies with more ideas moving from the lab to market validation,
- Development of IoT supplier companies, and
- Creation of new Health IoT startup companies

In addition, the global partnership network will bring additional business impact and reach:

- Creating new IoT businesses via partnerships with overseas companies,
- Increasing investment and venture capital from outside the U.S.,
- Enhancing the technology and innovation portfolio of Lab partner companies, and
- Increasing access to global markets with innovative product/service offerings

Why is Indiana a good location for the Lab?

Indiana is an ideal location to house a Connected Health Lab because of the industrial sectors that are strongly aligned to the health IoT industry. Business clusters such as advanced manufacturing, medical devices, communication and electronics, imaging, finance-insurance and business analytics, healthcare, and materials/sensors will all be important components of the Health IoT ecosystem.

The Connected Health Lab is located on the Northeast Indiana Innovation Park 55-acre campus. It is creating a network of connections and collaborations across our region, State and globe.

Who is involved already with the Lab?

The NIIC's Founding Partners for this expansive project include: State of Indiana (IEDC), Indiana University, Clear Object, Indiana Tech, Purdue University Fort Wayne, Parkview Mirro Center for Research and Innovation, Elevate Ventures Northeast Indiana, Indiana University Research and Technology Corporation, Vision Tech Partners, Northeast Indiana Innovation Center and Greater Fort Wayne, Inc.

How can I get more information or get involved?

To learn more or to start a project in the Lab, contact Mike Fritsch at The NIIC, mfritsch@niic.net, 260-407-6442.