Innovation Incubator (IN²)

WELLS FARGO

J2INNOVATIONS

SOLVING THE PROBLEM

J2 Innovations empowers companies to derive value from the connected world. Their FIN (Fluid INtegration) Framework software combines the core functionality of a Building Automation System (BAS) for connecting and controlling devices, with the added benefits of a Building Operating System (BOS) to manage and leverage data. The technology requires 75 percent less labor to deploy solutions through the innovative use of tagging and data modeling.

THE IMPACT:

Buildings today are more connected than ever before and have an increasing number of smart devices, unfortunately much of the data exists as islands of information. Customers want to leverage this big data but find it too difficult and costly. The FIN Framework brings together all systems in the building, making it faster and easier to implement energy reduction strategies in commercial buildings. Through continuous Fault Detection and Diagnostics routines, FIN software optimizes the BAS to reduce the energy impact on the built environment.

HOW IN² IS HELPING:

J2 Innovations is in need of a critical component to the FIN Framework to meet an immediate market need for retro commissioning with the associated visualization to show energy and cost savings opportunities. This module would greatly complement the existing functionality and enable virtual demonstration of the new functionality.

TIER 1: Bench Scale
- Concept development stage
- Develop plans for prototyping & testing
- 3 – 5 years to market

TIER 2: Prototype
- Available for testing & validation
- Plans for development of final product
- Less than 2 years to market

TIER 3: Commercially Ready
- **Models available in limited quantity**
- **Integrated demonstration**
- **Less than 18 months to market testing**

ABOUT THE IN² PROGRAM

IN² is a technology incubator that fosters and accelerates early stage technology companies that provide scalable solutions to reduce the energy impact of buildings. Through a $30 million program funded by the Wells Fargo Foundation and co-administered by the U.S. Department of Energy's National Renewable Energy Laboratory (NREL), sustainable building technologies are able to evolve and develop, contributing to the overall goal of a Smart and Connected Community that uses energy, water and other resources efficiently, reducing the negative impact on the environment.

NREL
NATIONAL RENEWABLE ENERGY LABORATORY