



**UAA College of Engineering**  
UNIVERSITY of ALASKA ANCHORAGE

## UAA Professional Development Seminar Series



### **Smart Buildings**

**Presented by Daniel Hart, Siemens Industry, Inc.**

Buildings are an integral part of everyday life. With people spending an estimated 90 percent of their lives indoors, the drive to ensure that those buildings are comfortable, safe, secure and provide the functionality we want is more important than ever. But how do we take what are essentially inanimate, silent and passive structures and turn them into living environments that can interact with their occupants,

learn from them and ultimately adapt to their changing needs? We create smart buildings. This idea relates to the increasing digitalization of buildings, where technology works seamlessly to provide benefits for people connected to the building. This includes occupants, tenants, landlords, developers and those responsible for the building's operation. In short, a smart building is one which is an active contributor to the experience and success of its stakeholders by continuously interacting, learning and adapting.

**Daniel Hart** grew up in Soldotna, Alaska and received his BS in Mechanical Engineering from UAA. He started working with Siemens as an intern in 2006 and was later offered a permanent position as Building Controls Engineer. For several years, he designed controls systems, managed projects, and performed systems startup and commissioning. In 2011, he moved into a management role, supervising his technical and engineering teams in Anchorage. Since then, he's held a few different management roles within his business around the state. Currently, he is the Service Operations Manager for Alaska and Hawaii. His team is responsible for working directly with building owners and managers to maintain their automation systems and, through a combination of analytics and onsite investigation, he determines and implements changes to reduce energy usage and/or improve the occupant experience. Later this month, he'll be transitioning to be General Manager at Siemens for both the Alaska and Hawaii offices.

**Friday, April 10, 2020**

**11:45 am-12:45 pm**

[Virtual Access Via Livestream](#)