

**The Internet of Things is now the WiFi of Things - Headaches for Operators or New Profits?**

The role of the broadband service provider is now delivering Internet to dozens of connected devices for the subscriber and for every family member. With nearly everything connecting today, operators face many costly challenges to deliver on their promise of quality services. Making matters worse, the Internet speed delivered through WiFi in the home is now the clear bottleneck, with a 1GB FTTH service often performing at 5 megs or worse to the user.

WiFi service is now the Internet for most of your subscribers. WiFi is inside the home, and is technically challenging because it is indeed without wires. With challenges there can be big opportunities. We'll cover these in the call with these main topics:

- Everything is connecting - some data
- WiFi in the home is now the bottleneck and becoming the source of most support calls; what to do about it?
- What about mesh WiFi? What can operators do to support subscribers' whole home WiFi needs
- Some new WiFi standards to the rescue - no need to go for proprietary options
- What about IOT standards and smart home services? Some thoughts on where we're going.

**Speaker:** Art Lancaster, Chief Technology Officer - Affinegy



As CTO and co-founder of Affinegy, Art drives the company's technology strategy and oversees solution development. As the team's digital thought leader, he delivers expert guidance on distributed computing and distributed databases.

Art's development expertise, wide-ranging industry knowledge, and deeply connected customer network ensure Affinegy products not only reduce equipment costs and increase architectural choices, but leverage emerging technologies such as network functional virtualization (NFV) and software-defined networks (SDNs) in ways that have the potential to revolutionize the telecommunications industry. He has a unique combination of expertise in IP networking, IP video, WiFi, semiconductor technology and agile software development.

Art speaks regularly at industry events as an advocate for open standards and open source software to achieve broad interoperability. He is active in the Open Connectivity Foundation (OCF), serving as chair of its AllSeen Work Group and Bridging Task Group. He previously served on the board of the AllSeen Alliance, where he was instrumental during the merger between the AllSeen Alliance and OCF, which formed the industry's largest IOT standards coalition.

Art has an MBA from the University of Texas, a master's degree in solid state electronics and I.C. technology from the University of Southern California, and a bachelor's degree in electrical and electronics engineering, cum laude, from the University of Missouri at Columbia.