The DCIA's Internet of Things (IoT) Marathon

Recorded during the 2015 International CES

Four days of HD-video recording sessions took place from January 6th through 9th in Las Vegas, NV, covering this newest and arguably largest-ever industry phenomenon.

Twelve hours of demos, displays, and discussions were captured for this major industry webcast in the Distributed Computing Industry Association's (DCIA) production studio at the Sands Expo & Convention Center; and on location in meeting rooms, hospitality suites, and exhibit booths throughout CES. Topics covered include:

- **"Smart Objects for Fitness & Healthcare"**
- **"Programmable Homes & Energy Management"**
- **"Media Entertainment & Social Networking Solutions"**
- **"Geolocation Services & Vehicular Automation"**
- **"Retail, Public Space & Manufacturing Environments"**
- **"Power Consumption, Cybersecurity & Interoperability"**

The Internet of Things (IoT) is now on an unstoppable growth trajectory to surpass 50 billion smart objects by 2020.

The 2015 International CES Show was the ideal place to start learning in-depth about the multiplicity of opportunities that this rapidly emerging movement offers product developers, software engineers, marketers, entrepreneurs, and other forward-looking professionals across many economic sectors.

Approximately 12.1 billion Internet-connected devices were in use in April 2014. Currently, about 100 things connect to the Internet every second, and the number is expected to reach 250 per second by 2020. The IoT holds potential for disruptive change, and its evolution will likely be faster than the Internet.

The DCIA sees enormous promise in smart objects and software for fitness, healthcare, and life sciences; programmable home appliances and systems as well as residential energy management, media entertainment and social networking solutions, geolocation services and vehicular automation, and – for both private sector institutions and governmental agencies – retail, public space, and manufacturing environments.

The DCIA also supports industry efforts to improve efficiency and reduce power consumption, address cybersecurity and related vulnerabilities, establish common protocols and communications standards for interoperability and connectivity among various devices, and enhance ease-of-use for consumers.

"The DCIA's IoT Marathon" proudly features the very latest in connected consumer device innovations, wearable creations, machine-to-machine (M2M) advances, radio frequency identification (RFID) developments, remote monitoring and maintenance solutions, micro-sensor discoveries, collaborative computing, smart environment architectures, and more examples from the inventors and organizations leading the way in this world-altering trend.