# State of IoT 2015 Global Developer Study





Hardly anything is hotter these days than the Internet of Things (IoT). Every business wants to coin the term. But what do developers, the nurturers of IoT projects now and in the future, think of it? We talked to 675 developers to find out what they are experiencing in the IoT space; are they commercializing apps and seeing future opportunities? Are they well equipped with the right technologies to deal with IoT demand? Here is what we found out.

# **IoT Adoption**

Most developers see mass adoption of IoT apps occurring within the next five years



# **Commercial Potential of IoT Apps**

Developers should focus more on services rather than devices to open up significant revenue potential





#### IoT App Development – from Smart Homes to Smart Cities

Developers see strong IoT app development across industries with Smart Home, Wearables and Sports/Fitness leading the way



# Technology and Language Preferences

Developers are not strongly united around a particular platform or language for developing IoT apps



Lack of technology, skills and tools are among the greatest challenges





have the skills, resources and tools to deliver on IoT expectations



Interoperability, integration, security and privacy are the top four concerns of developers today experience data overload when managing data sets for contextualized IoT apps



Commercial vendors 31% and the open source community 24% are the organizations with the greatest power to help overcome these obstacles

# Predictions for IoT App Development in the Next Five to Ten Years



58% expect the IoT to expand beyond smartphones and tablets within two years

**DU** 70 see future IoT apps running in the cloud and interacting with multiple devices

81% believe developers should provide leadership in defining the IoT and its future

The IoT is still in its infancy. New offerings should be highly flexible and forward-looking to adapt to new technologies and future needs. Therefore, a new generation of data services will be required to meet data volume, velocity, complexity and overall management challenges, providing real-time analytics, close-loop control and local systems collaboration.

Curious to learn more? Download the new Harbor Research report commissioned by Progress

