FREEDOM

IOT DEVELOPERS LANGUAGE PREFERENCE

HMTL5	**Web**
JavaScript	
Java	**Mobile**
Obj. C	
Swift	
C/C++	**Native**
C#	
Python	
Virt. Dev.	

0% 20% 40% 60% 80%

VisionMobile "IoT Developer Landscape '15 – Primary/Secondary Language preferences

IOT DEVS ARE BUILDING

Category	Percentage
App for Existing Device (Smart Watch)	~33%
Standalone Device (Fitness Band)	~28%
Integ. Limited # of Sensors (Hub)	~20%
Integ. Devices in Network (Smart City)	~17%
Combining Data from Mult. Sources (Health App)	~17%
None of above	~15%
Data Aggreg. From Existing Devices (Air Quality)	~12%
Back-end Development	~10%

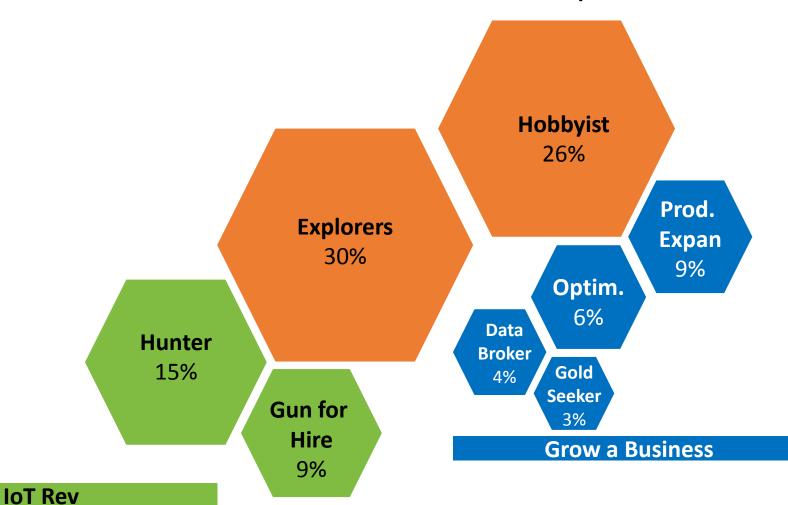*VisionMobile "IoT Developer Landscape '15 – Dedicated to or working on multiple projects*

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IMAGINATION

56% of IoT dev are explorers and hobbyists coming from other platforms → *means they seek fastest path to "products"*

Self Improvement

Hobbyist
26%

Explorers
30%

Prod. Expan
9%

Optim.
6%

Data Broker
4%

Hunter
15%

Gold Seeker
3%

Gun for Hire
9%

Grow a Business

IoT Rev

VisionMobile "IoT Developer Landscape" '15

- Blissfully open source

- JavaScript is known

- Fast and Easy

- Lots of features, innovation in open source

- Scalable

- Large ecosystem of modules (npm.org)

DISCUSSION

WHAT ARE THE GAPS TO THIS FUTURE?

SECURITY

SIZE

PERFORMANCE

TOOLS

MANAGEABILITY/TELEMETRY

OTHER?