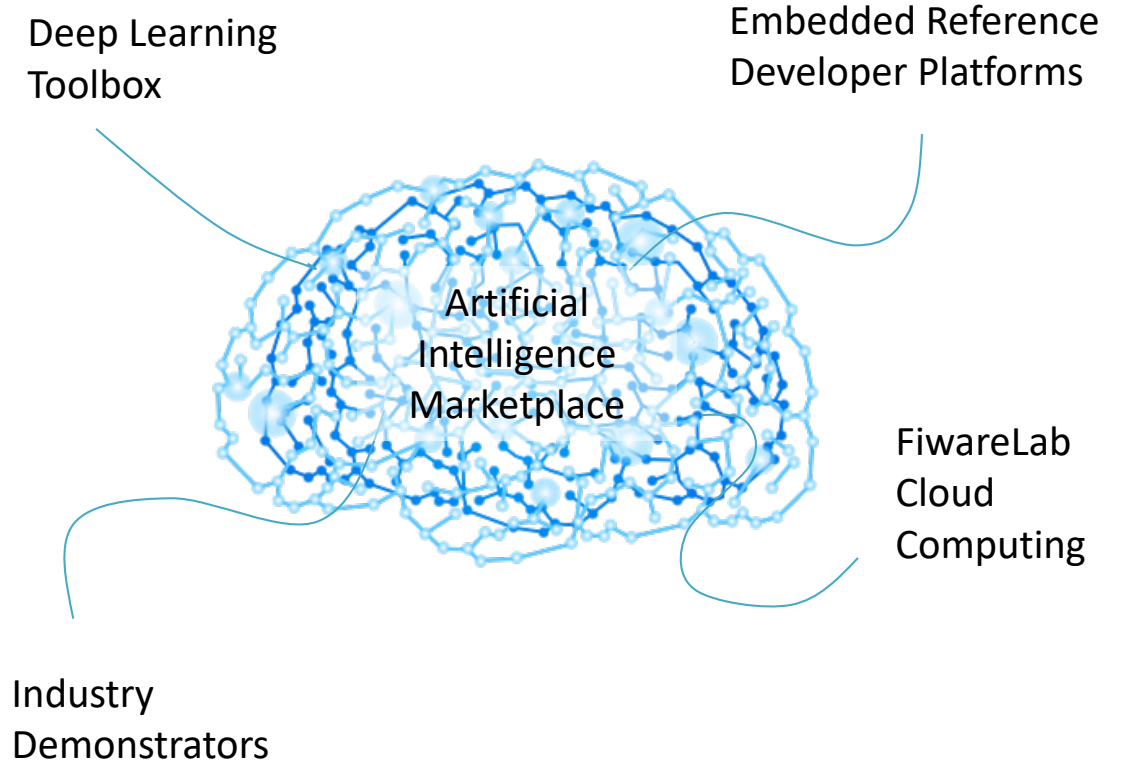


# Artificial Intelligence Marketplace

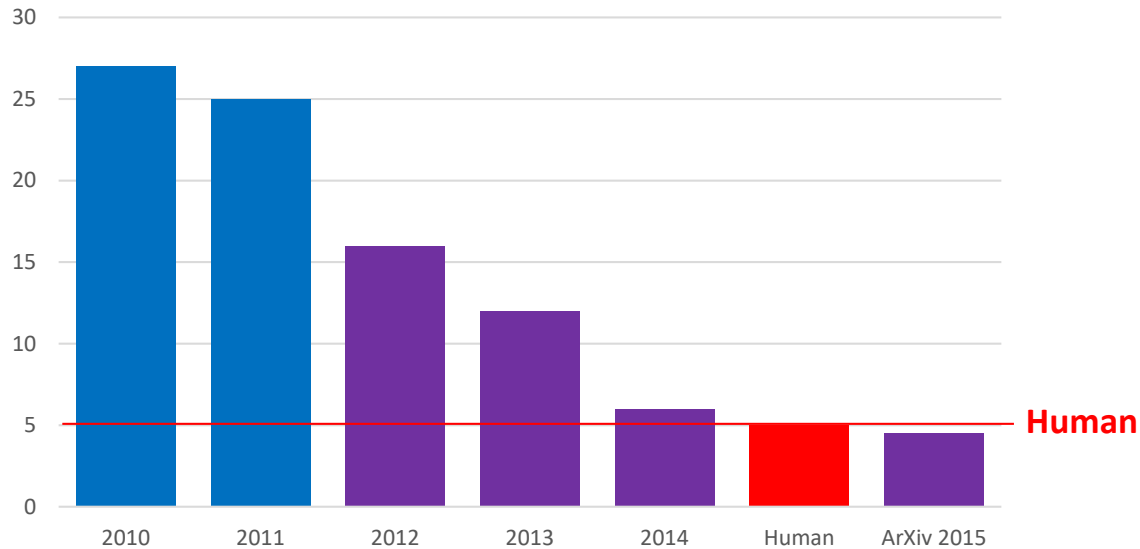
30<sup>th</sup> Jan 2017

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# DEEP LEARNING SUPER HUMAN PERFORMANCE

ILSVRX top-5 Error on ImageNet



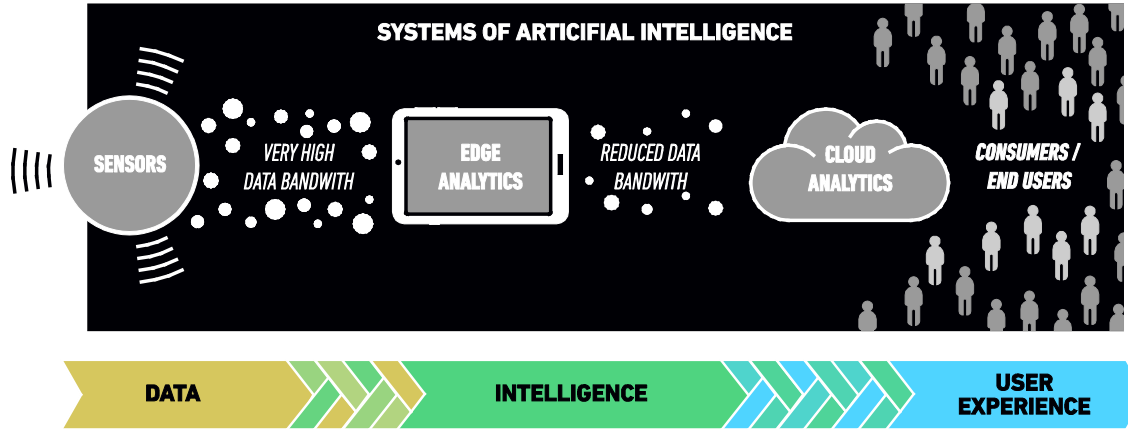
Blue is Traditional Computer Vision : Purple is Deep Learning : Red is Human

## Milestones

- Milestone in A.I. “Super Human” performance reached in 2015
- 2016 Google AI beats Go world champion



# A.I. SYSTEMS ARE REDEFINING USER EXPERIENCES



- Companies that can build closed end to end systems are positioned to build better user experiences by leveraging A.I.

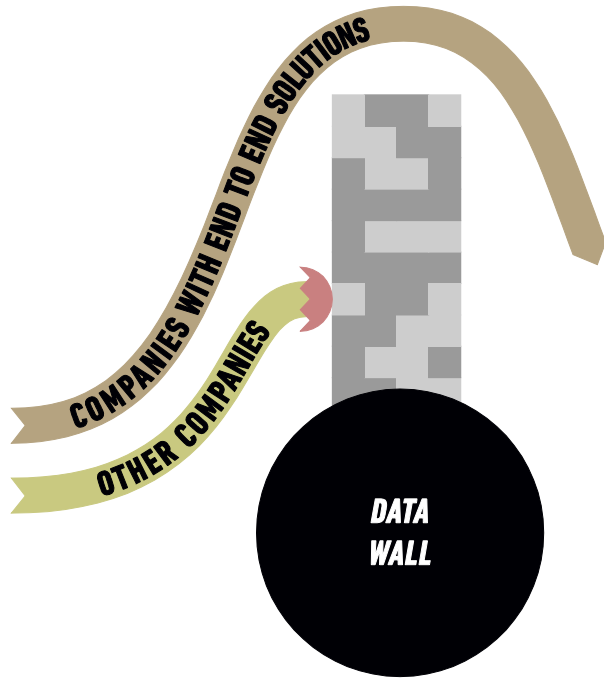
## Enablers

- Proliferation of sensors
- Network connectivity
- Edge analytics
- Cloud computing
- Device capabilities

## Challenges

- Monolithic design
- Cost and time
- Development cycles
- Resource constraints
- High accuracy

# THE RACE TO BUILD THE “DATA WALL”



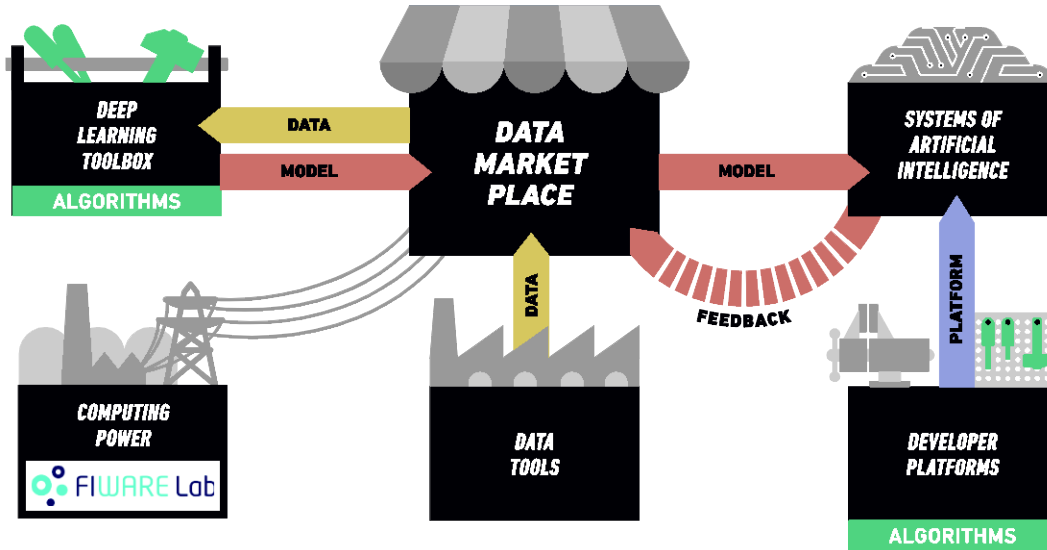
## First Mover Advantage

- Closed end-to-end systems
- Huge data requirements & computing requirements
- Open source creates illusion of inclusiveness

## AI Skills Shortage

- Acquisitions by Google, Facebook, Apple for A.I. engineers
- Accelerated by Large internet companies challenging new markets (Automotive, Home Automation)

# BONSEYES MARKETPLACE FOR A.I.



Bonseyes is an open platform for the development of systems of A.I. on resource constrained devices and cyber physical systems.

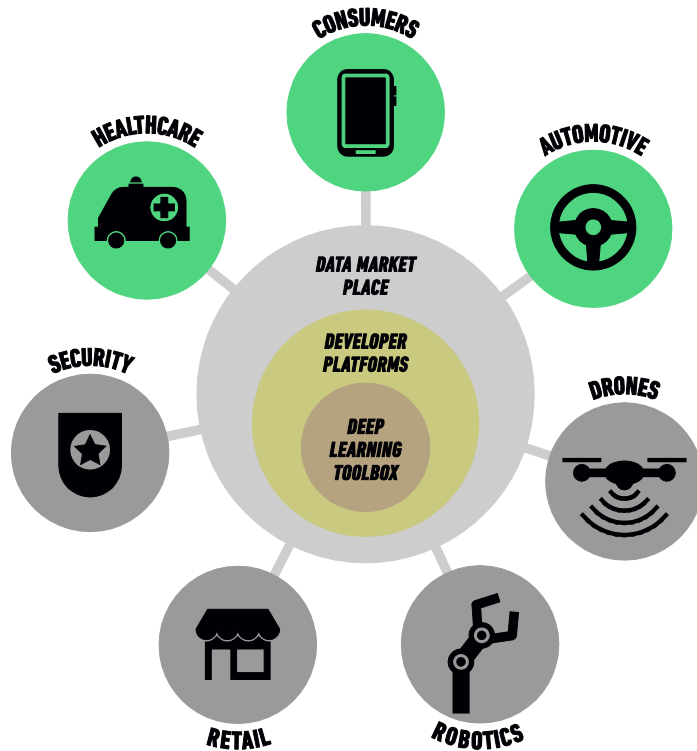
## Goals

- 10x improvement of performance on resource constrained devices
- 50% reduction in time and cost of development

## Components

- Deep Learning Toolbox
- Data Collection Tools
- Developer Platforms
- Data Marketplace API's
- Industry Demonstrators

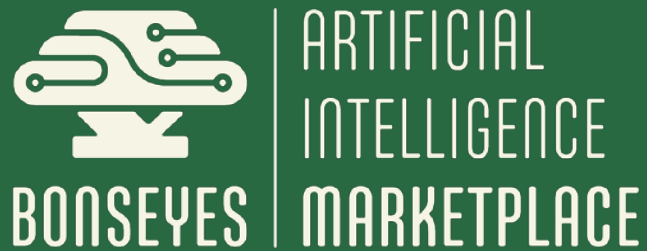
# BONSEYES DEMONSTRATORS



## Industry Demonstrators

- Automotive intelligent safety
- Automotive cognitive computing
- Consumer
- Healthcare

# Questions?



[www.bonseyes.com](http://www.bonseyes.com)

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