



The Internet of **REALLY IMPORTANT**  
Harel Kodesh  
CTO & Vice President, GE Software

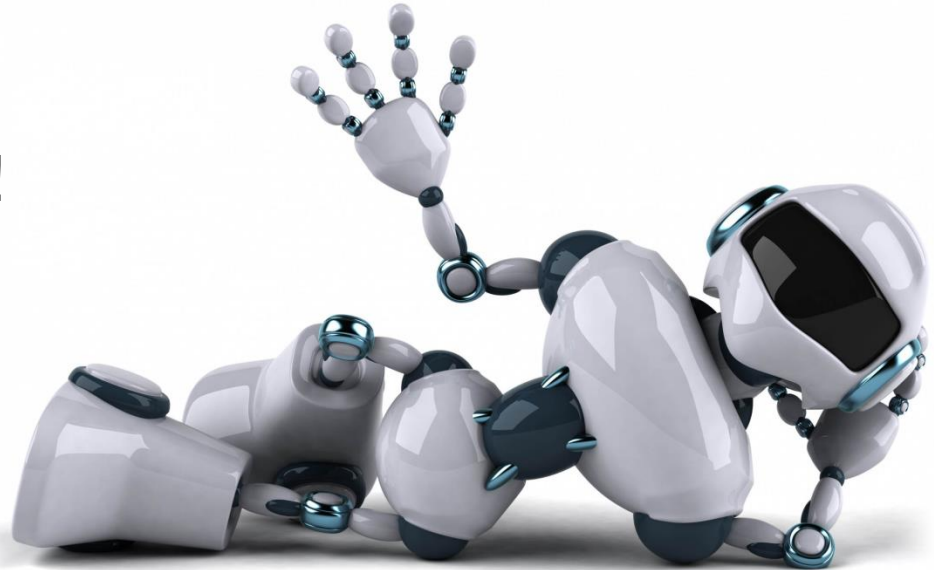
# What Does Robot Need?

Brain, right?

- Assimov – I Robot
- Kubrick – HAL

Wrong!

- GE – All that + Data!



# A Little Bit About GE

**1892**

**FOUNDED**

**300,000**

**EMPLOYEES  
WORLDWIDE**

**\$150**

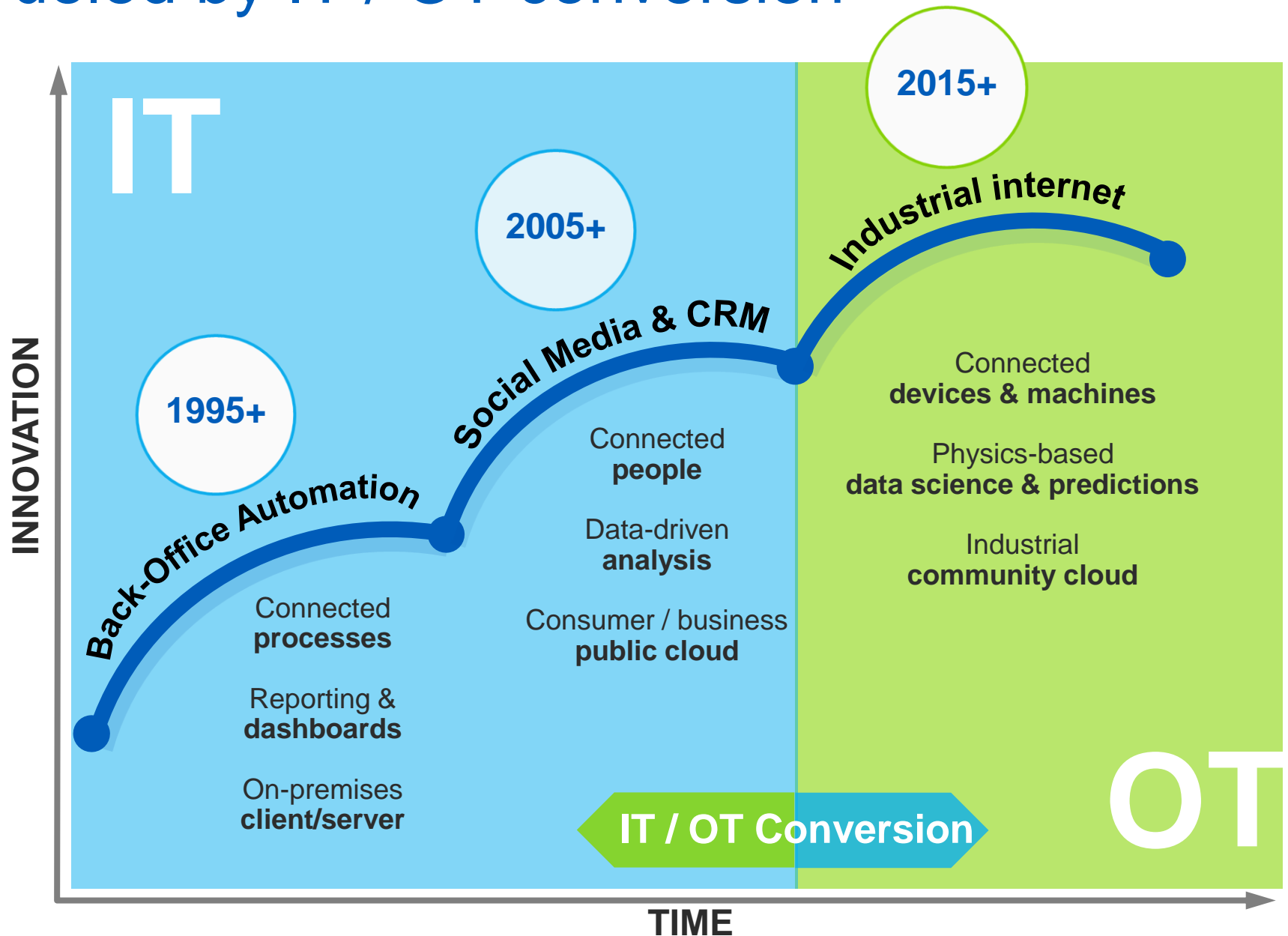
**BILLION IN  
ANNUAL  
REVENUE**

**1**

**COMPANY IN  
DOW JONES  
INDEX  
ORIGINALLY  
LISTED IN  
1896**



# Fueled by IT / OT conversion





# The Internet of Things

## CONSUMER INTERNET PLATFORMS



5B+  DEVICES   
in 2014

AMAZON managing  2 TRILLION data objects

Facebook connects 1.2B  USERS

=  
19% of S&P 500 Market Cap Today



# The Internet of Really Important Things

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## INDUSTRIAL INTERNET PLATFORMS



20B+  ASSETS by 2014

80  EXABYTE of data by 2019

Industrial Data **GROWING** 2x Consumer Data 

=  
Tomorrow's Growth Opportunity

# The Internet of Really Important Things



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=

Tomorrow's  
Growth Opportunity

Industrial  
Big Data



Industrial  
Data Science



Industrial  
Control



MICROSERVICE

MICROSERVICE

MICROSERVICE

```
cf push wind-turbine -i 30 -m 1024M  
-n GE-Predix-APM  
-p build/libs/GE-Predix-APM.war
```



