



# Nesnelerin İnterneti: Endüstriyel İnternet 4.0

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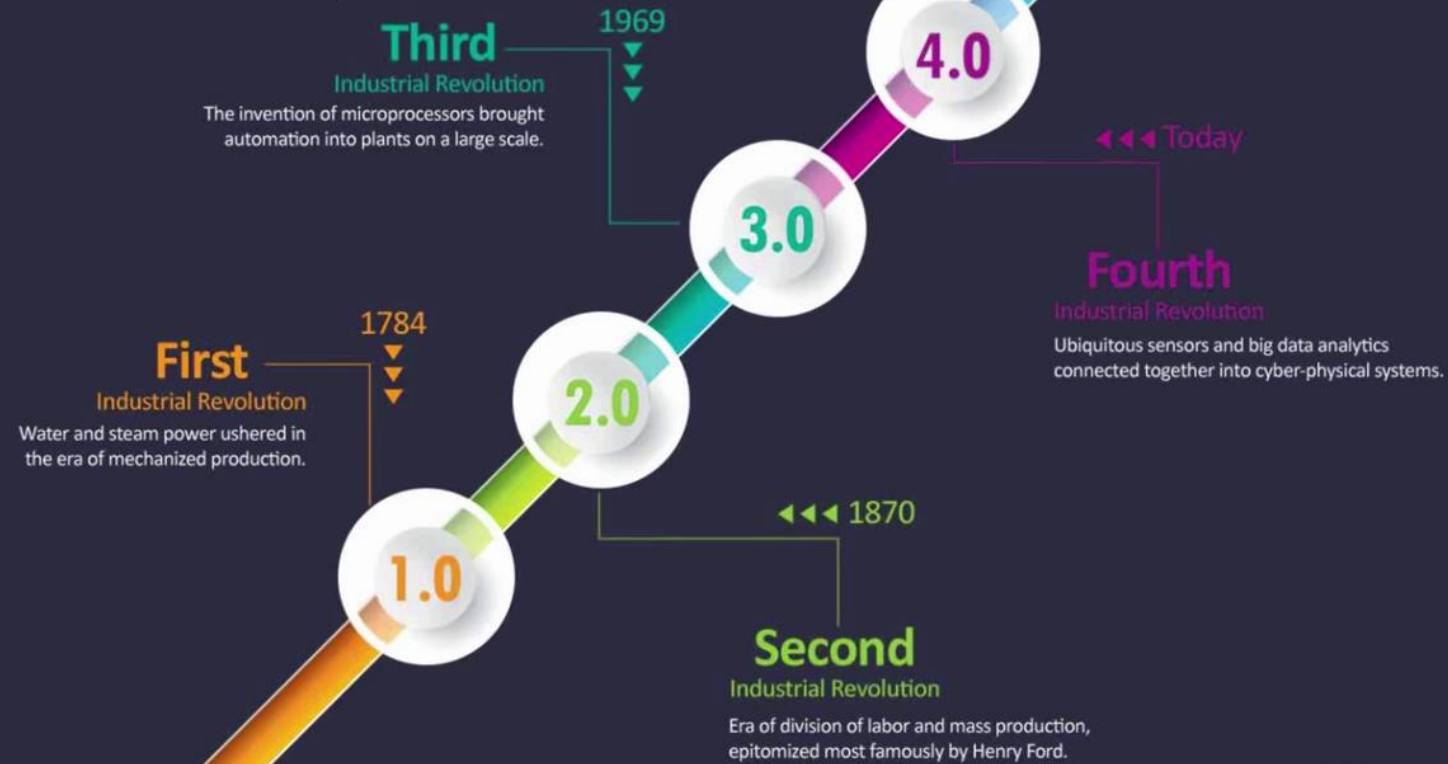
**Savronik**

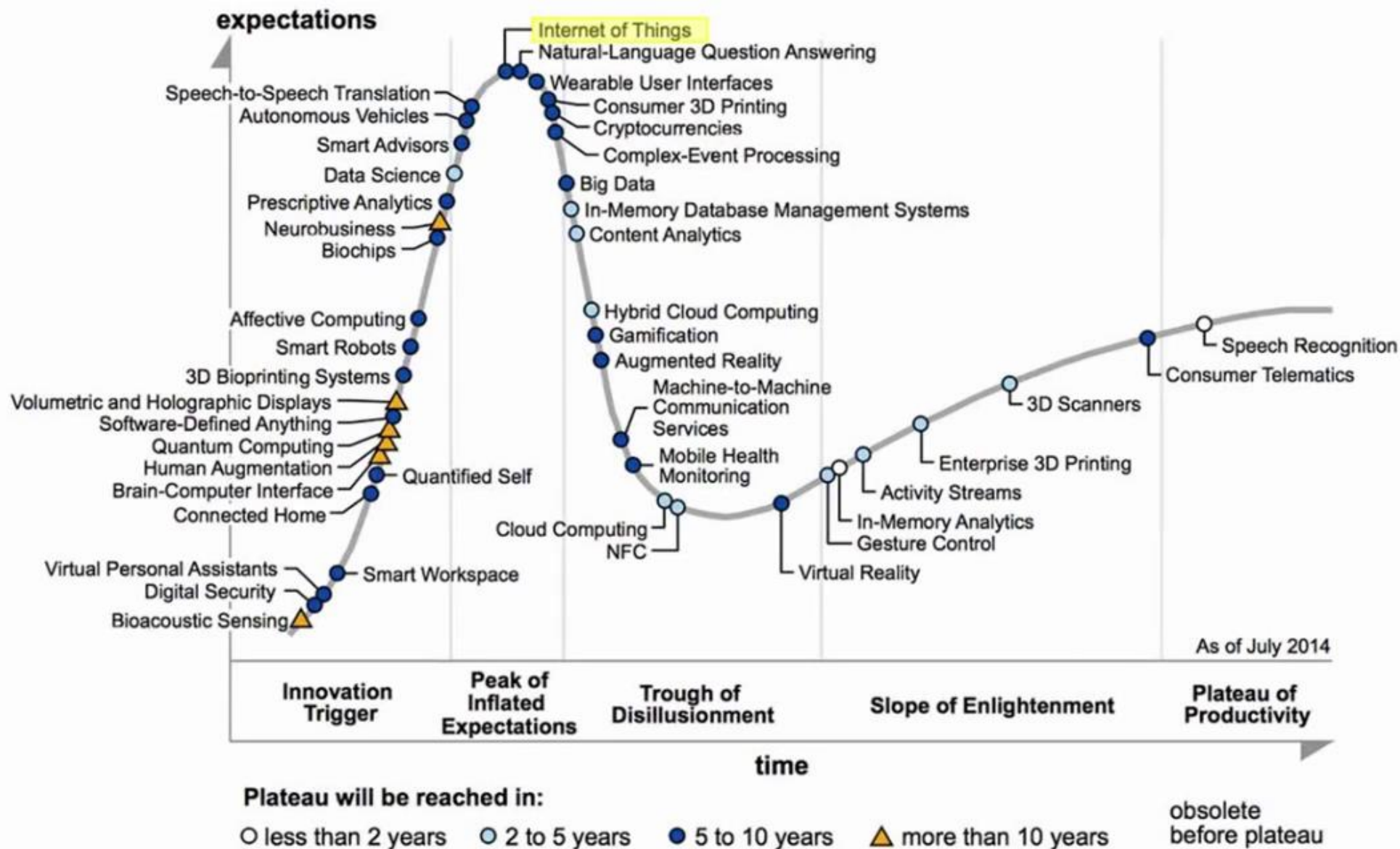


Smart Manufacturing Healthcare

Wearables Smart Cities Automotive Building/Home Automation

# What is Industry 4.0?





SOURCE: Gartner (August 2014)

An important milestone  
is missing...



## Process Complexity Versus Process Variability

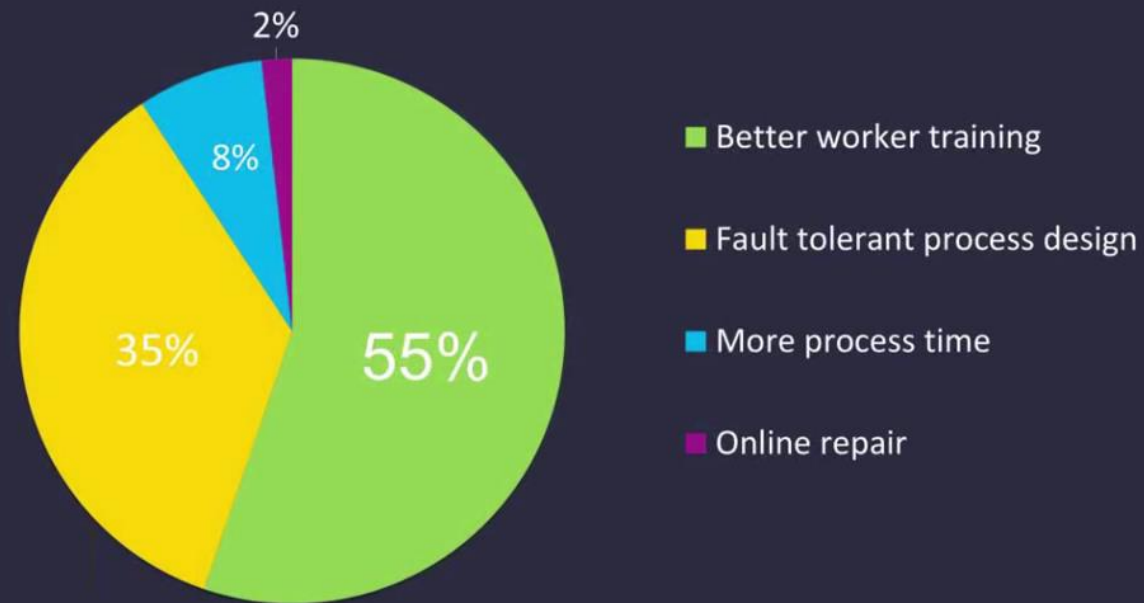


Complexity

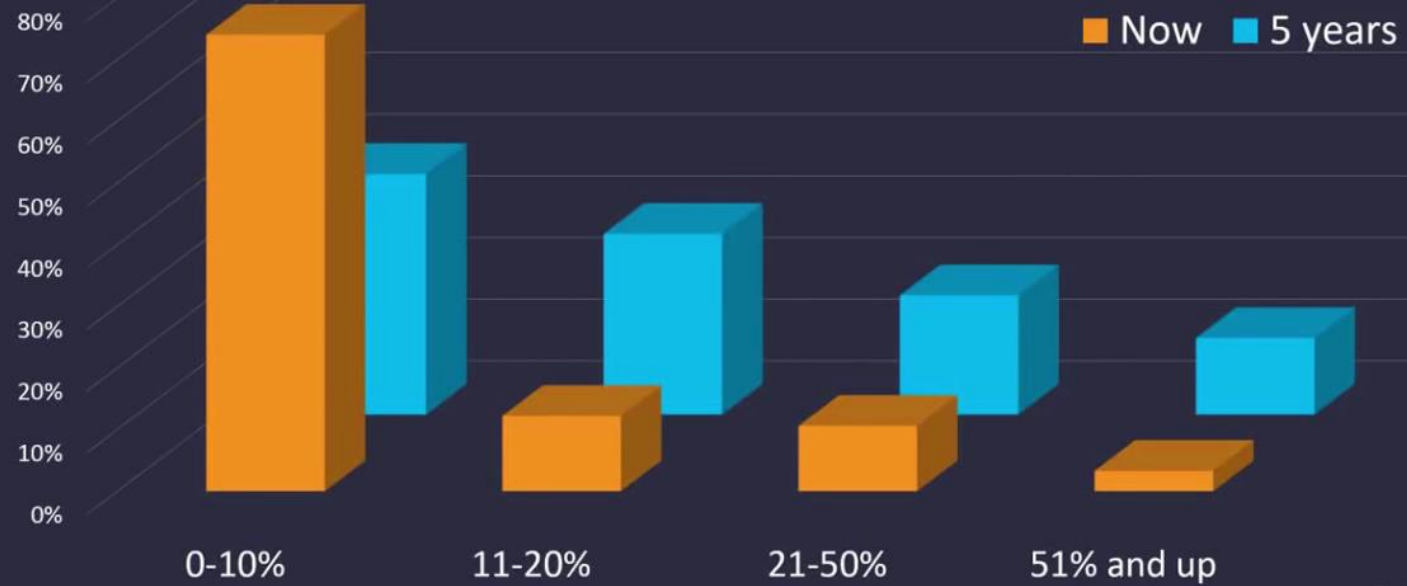


Variability

Where do you see the biggest opportunity  
for decreasing the cost of quality?



What percentage of wireless tools are currently in your plant and what percentage do you estimate in 5 years?





## Adopting Industry 3.0



Measure



Control



React



## Industry 3.0 Technologies

Asset  
Visibility

Process  
Visibility

Error  
Proofing

Reactive  
Controls

# The Path to 4.0

How do you get there from here?



Industry 3.0



Industry 4.0



# Be Selfish



Start small and local: that's the only way to quickly  
justify, deploy, and prove visibility solutions.



# Be Forward Thinking



Understand both your next step and your ultimate goal,  
and invest in the right infrastructure from the outset.



# Be Cooperative



Pay it forward: there are significant benefits when the entire organization invests in visibility solutions.



# Be Supportive



Guide other plants through the process to help the organization prepare for the final step.



# Be Collaborative



Get a seat at the table, and trust them:  
they really are here to help.



# The Path to 4.0

How do you get there from here?



Industry 3.0



Industry 4.0

# Don't get lost in the hype

Focus on Industry 3.0 and introduce tools that are already available



# Example

**Advanced Driver Assistance Systems (ADAS) by Texas Instrument**  
**[http:  
www.ti.com/lscs/ti/interface/fpd-linkiii-ser-des-technical-  
documents.page](http://www.ti.com/lscs/ti/interface/fpd-linkiii-ser-des-technical-documents.page)**

# Advanced Driver Assistance (ADAS) Solutions Guide



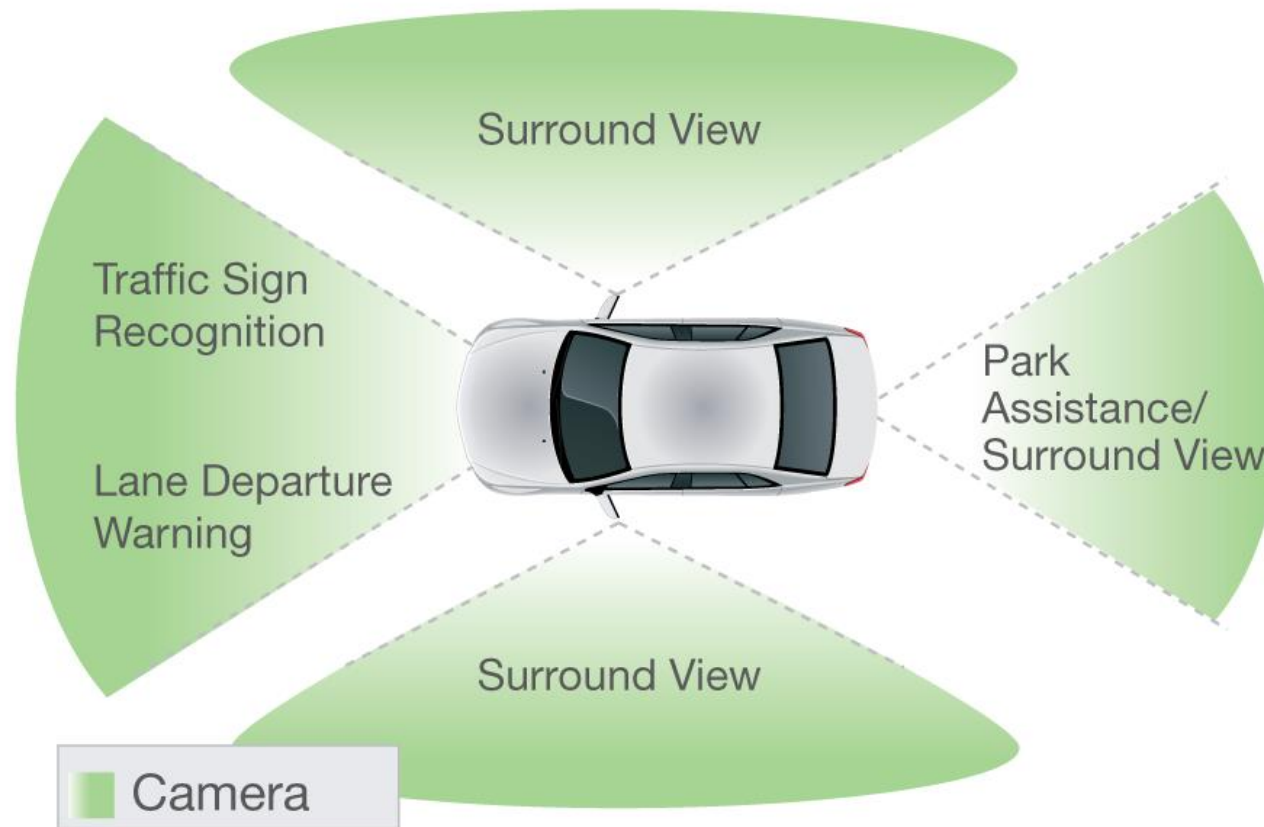
 TEXAS INSTRUMENTS



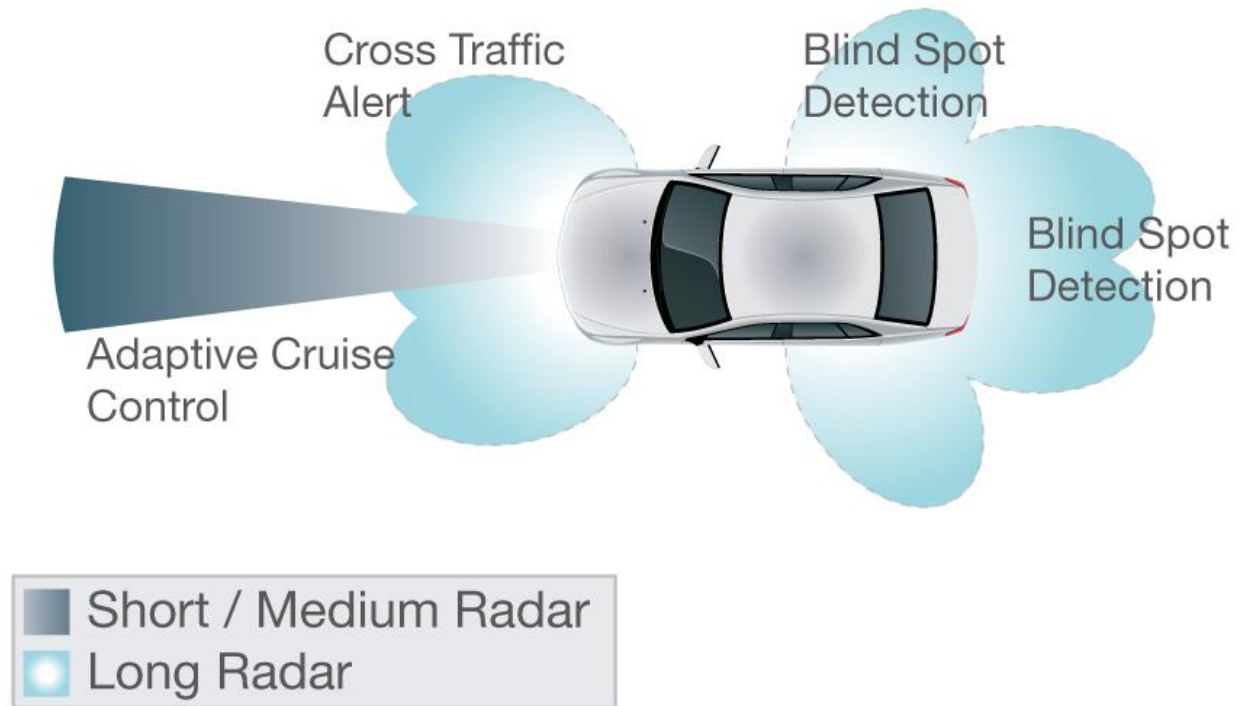
[www.ti.com/adas](http://www.ti.com/adas)

2014

# Camera



# Radar



# Ultrasound

