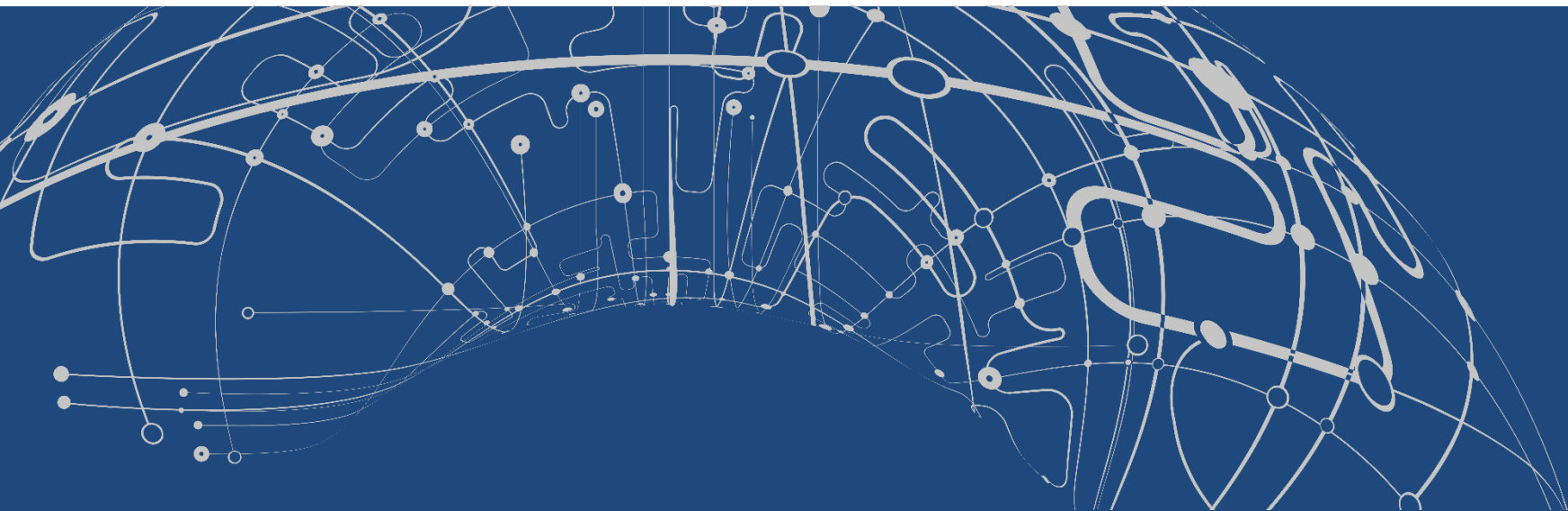


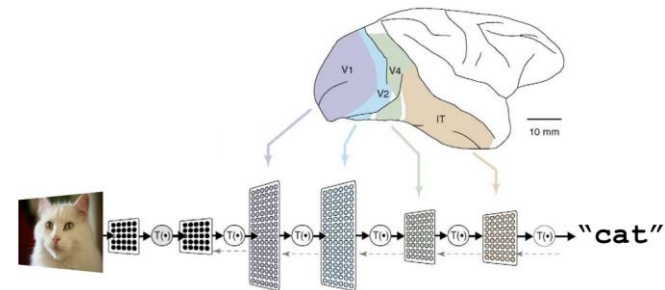
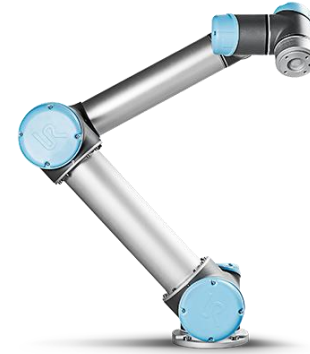
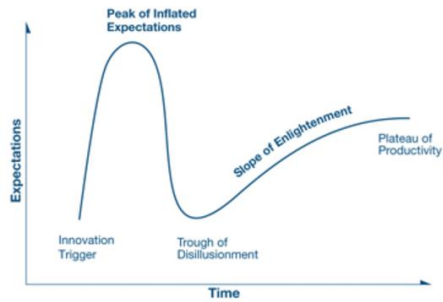
# KOLEKTOR

## TRENDI NA PODROČJU STROJNEGA VIDA ROSUS 2017

Samo Šela  
Kolektor Orodjarna d.o.o.  
PC Vision



# Prihodnost



# Napredek programske opreme

REPORT TO THE PRESIDENT  
AND CONGRESS

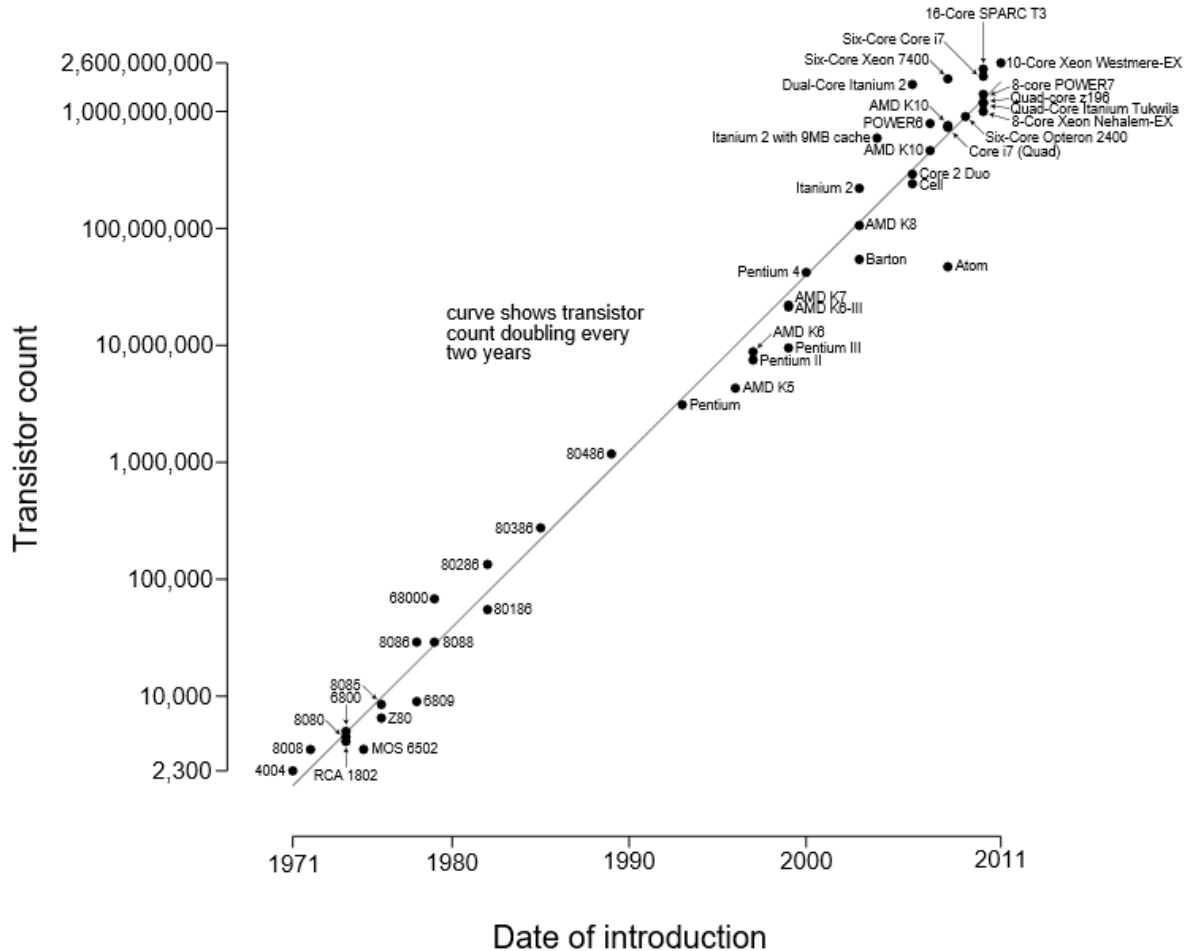
DESIGNING A DIGITAL FUTURE:  
FEDERALLY FUNDED RESEARCH  
AND DEVELOPMENT IN  
NETWORKING AND INFORMATION  
TECHNOLOGY

Executive Office of the President  
President's Council of Advisors on  
Science and Technology



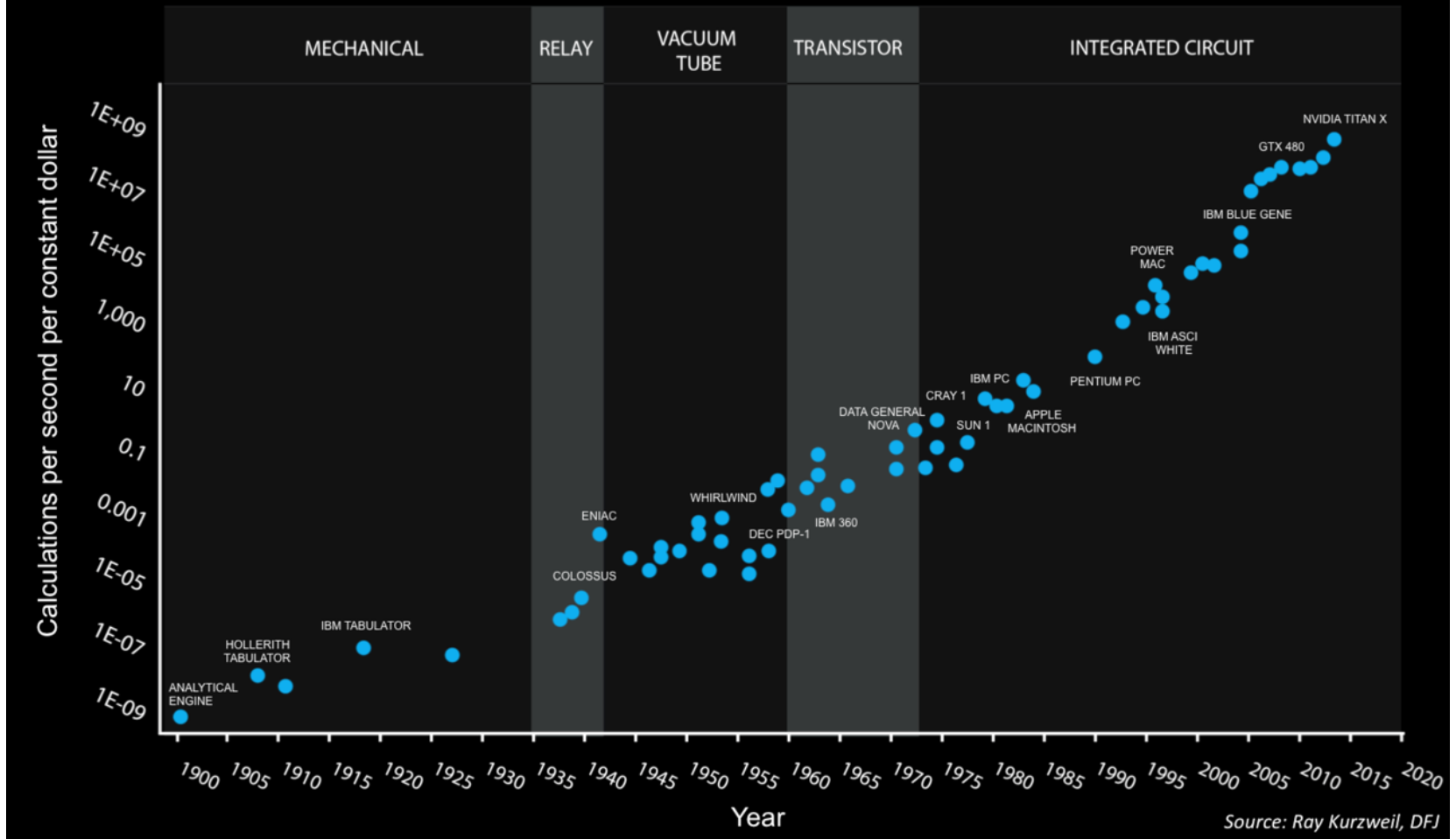
# Moorov zakon

## Microprocessor Transistor Counts 1971-2011 & Moore's Law



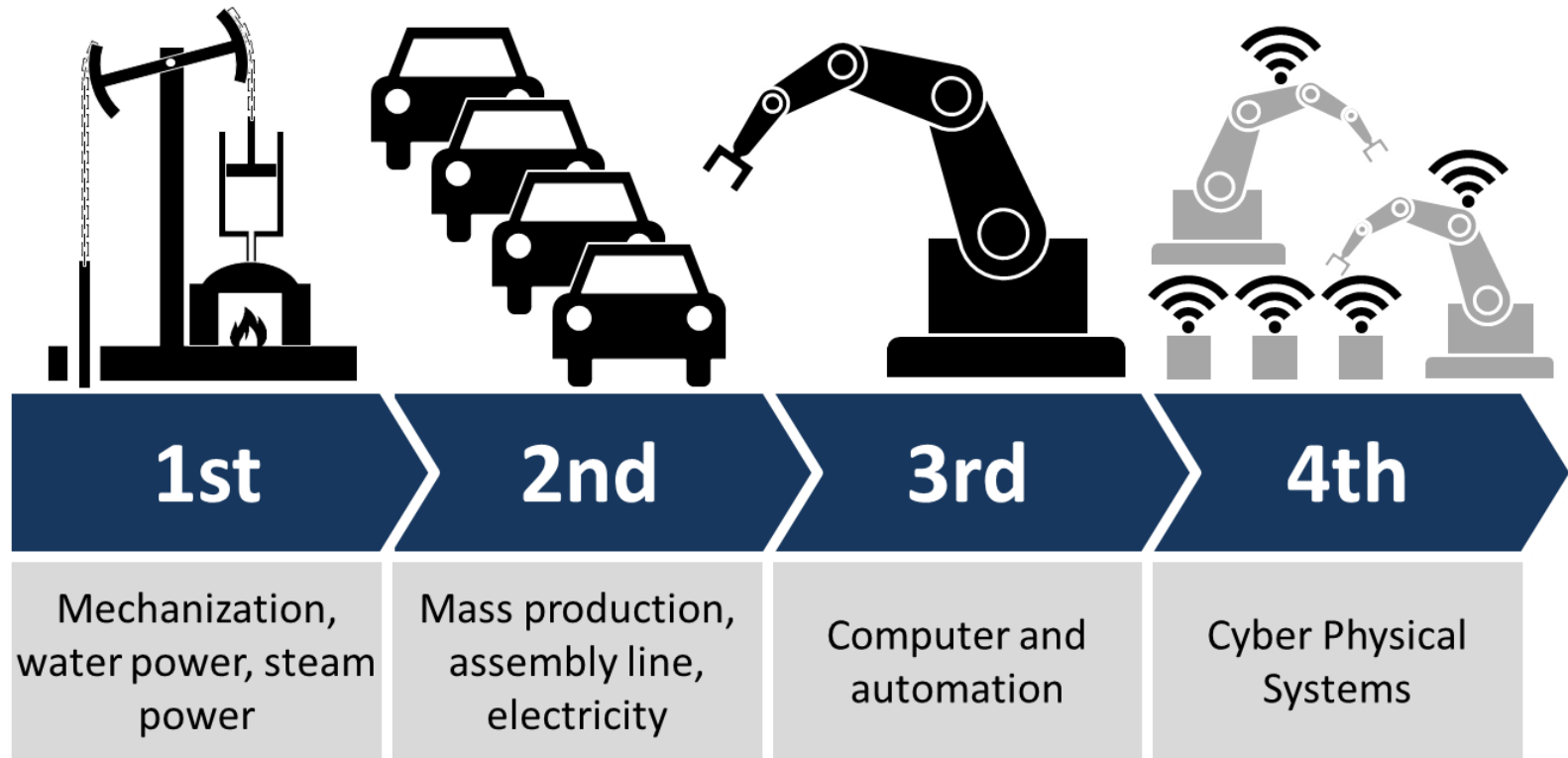
# Moorov zakon

## 120 Years of Moore's Law



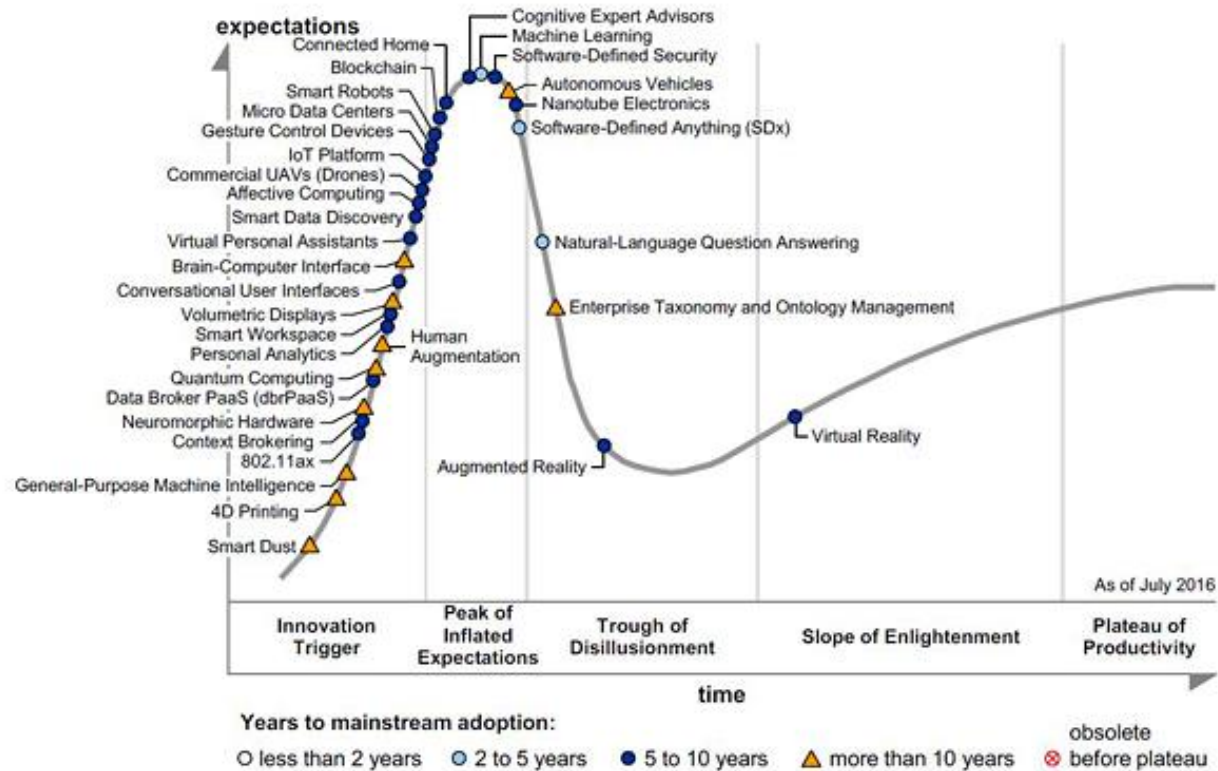
Vir: Wikipedia

# Industrija 4.0 in GOSTOP



Vir: Wikipedia

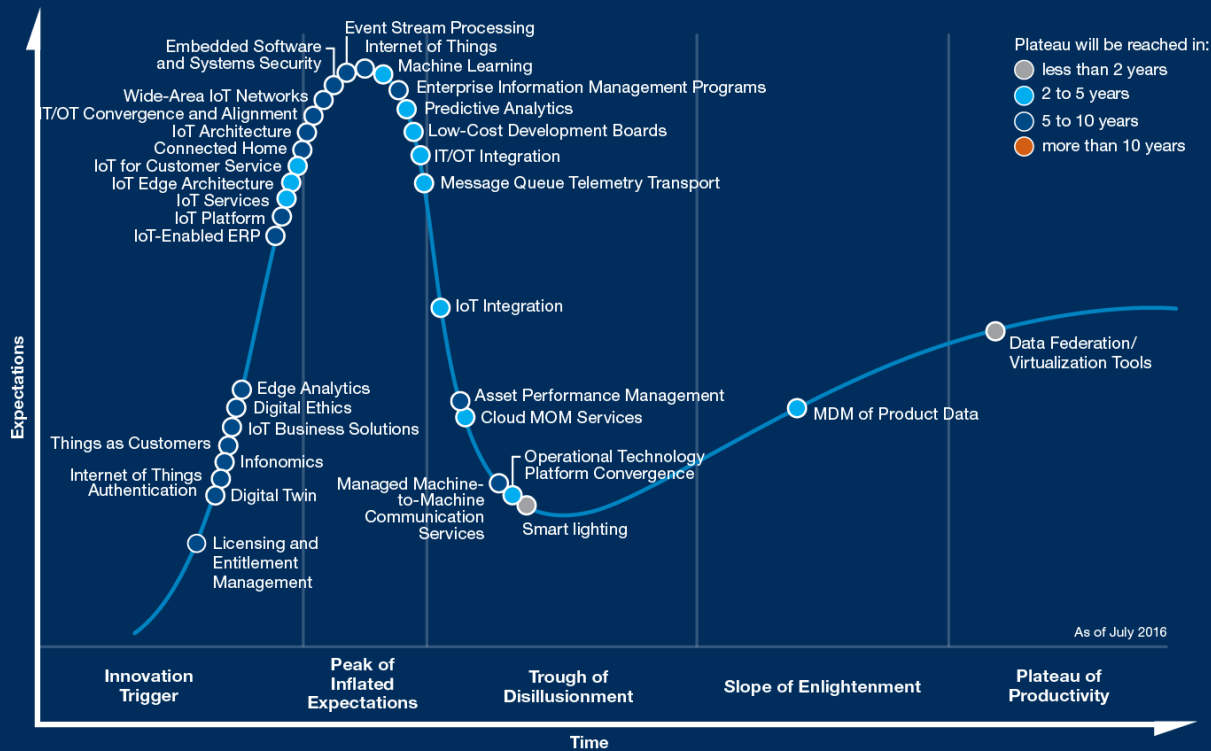
# Trendi



Source: Gartner (July 2016)

# Trendi

## Gartner Hype Cycle for the Internet of Things, 2016



[gartner.com/SmarterWithGartner](http://gartner.com/SmarterWithGartner)

Source: Gartner  
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**Gartner**





# Vgradne naprave

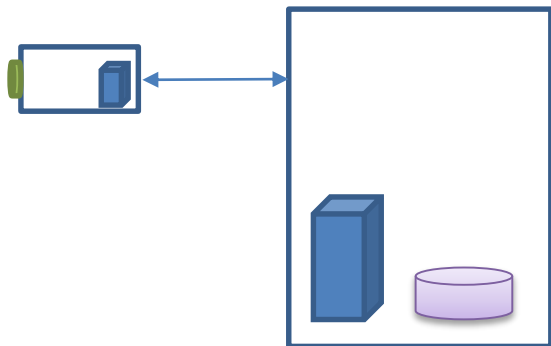


Internet stvari

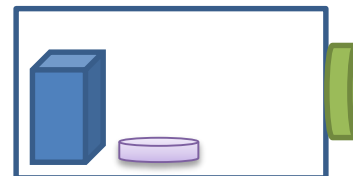


# Vgradne naprave

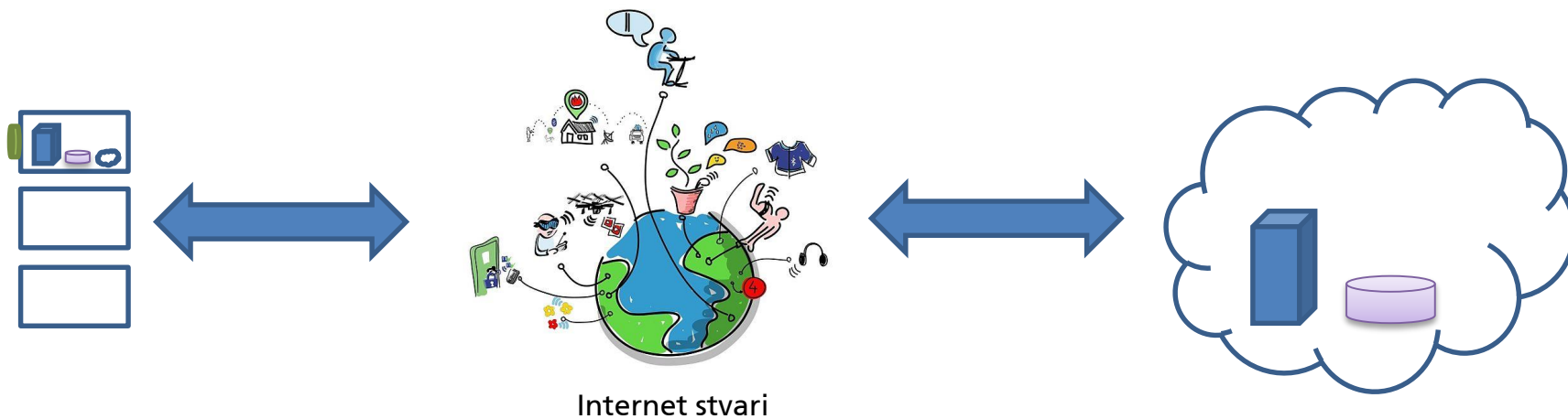
Tradicionalni sistemi



Pametne kamere



Strojni vid kot platforma v prihodnosti



# Odprta koda



CentOS



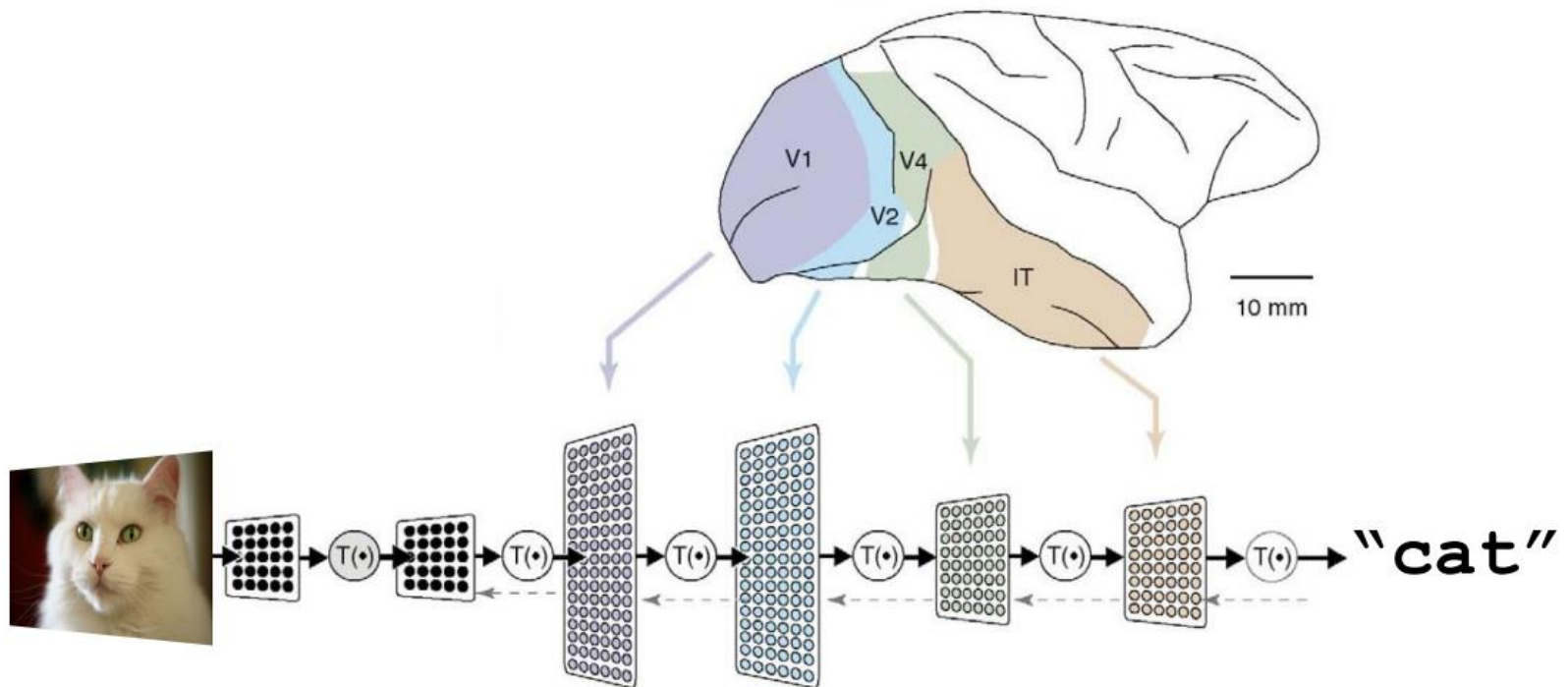
pointcloudlibrary



Caffe

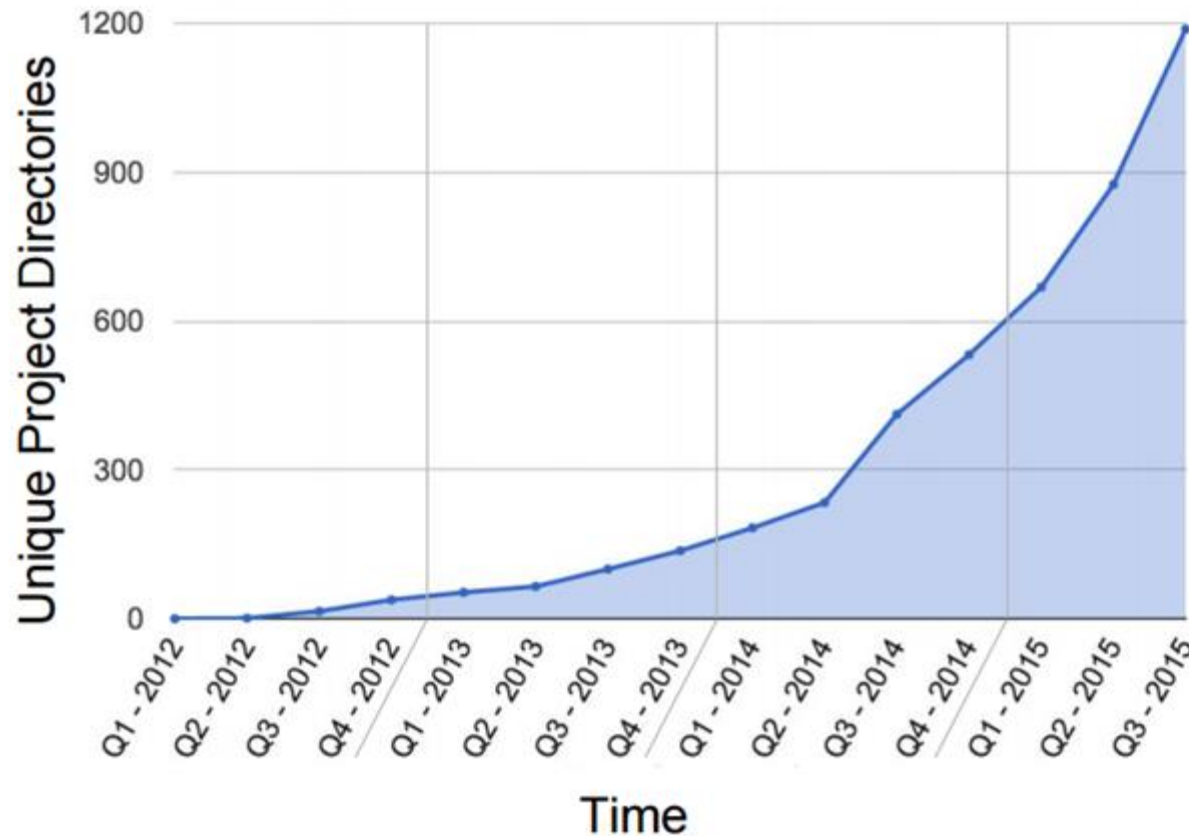


# Strojno in globoko učenje



Vir: Jeff Dean, Google

# Strojno in globoko učenje



## Across many products/areas:

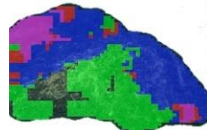
- Android
- Apps
- drug discovery
- Gmail
- Image understanding
- Maps
- Natural language understanding
- Photos
- Robotics research
- Speech
- Translation
- YouTube
- ... many others ...

Vir: Jeff Dean, Google

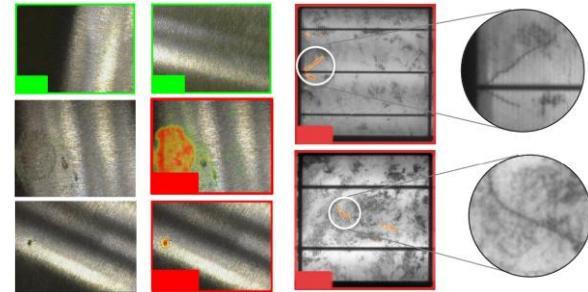
# Strojno in globoko učenje



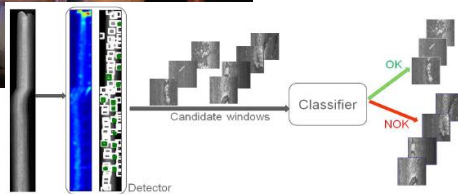
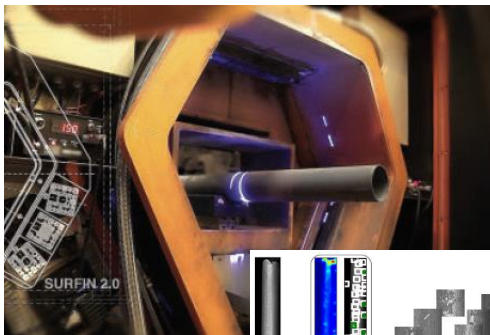
PR Sys Design



perClass



ViDi Suite



MVTec Halcon

Tecnalia Research & Innovation

# Strojno in globoko učenje v oblaku



Machine Learning Rekognition



Visual Recognition



Face API  
Emotion API  
Computer Vision API  
Content moderator

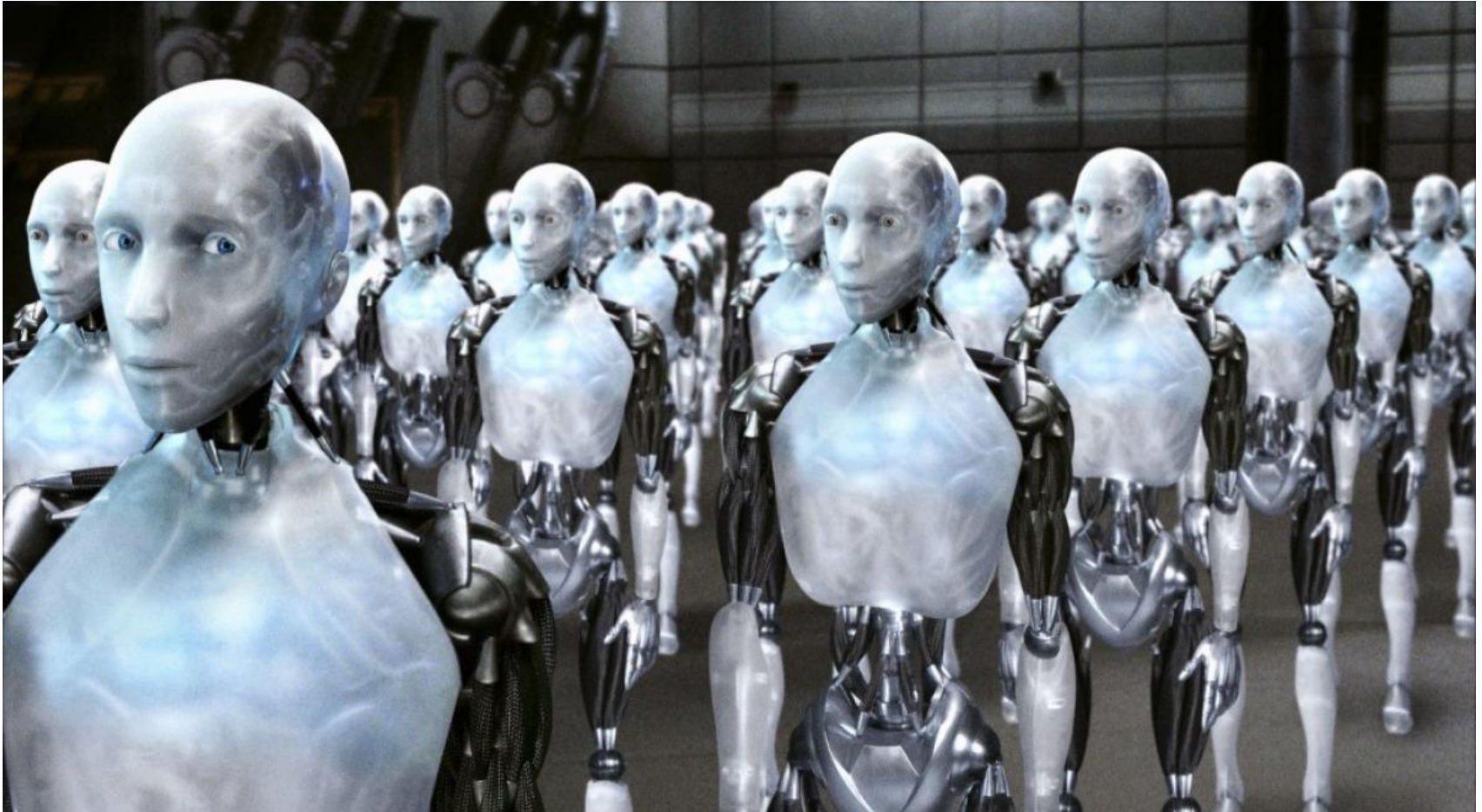


Cloud Vision Api





# Zaključek



Vir: i, ROBOT

**HVALA ZA POZORNOST**

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Spletna stran: [www.kolektorvision.com](http://www.kolektorvision.com)

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