

Adapting to Accelerating Technological Change

Rick Smith
Founder & CEO
TASER

We Are Living In The Future

Apollo Guidance Computer



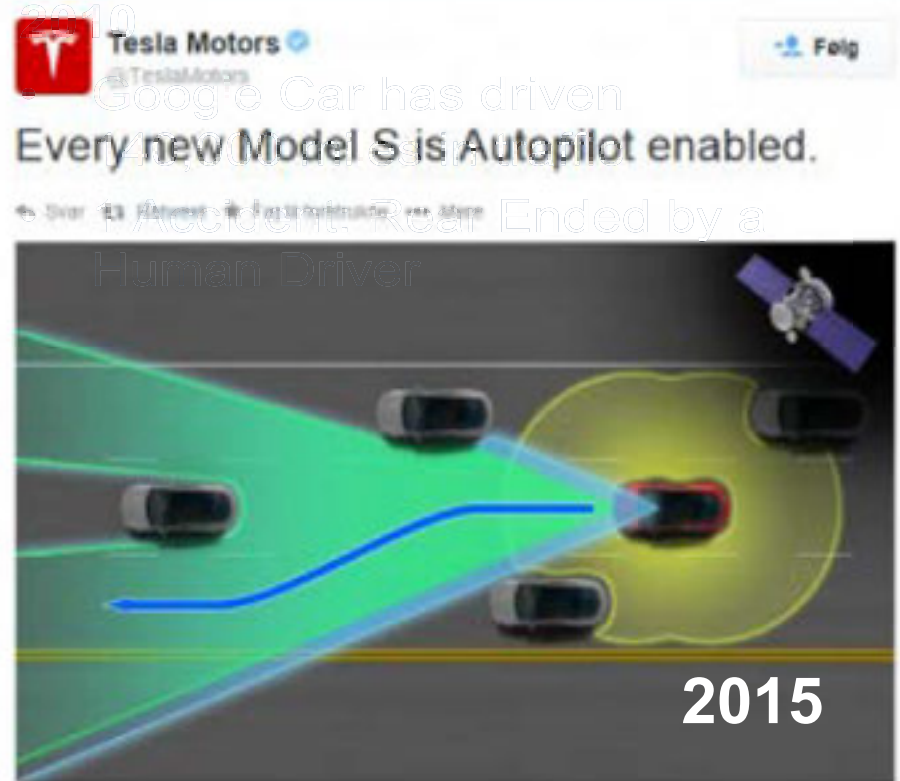
- Speed = 1 MHz
- Memory = 4 kB



- Speed = 1,000+ MHz
- Memory = 16 GB
- Price = < \$400

2004

- “Computers cannot easily substitute for humans in jobs like driving
- DARPA Grand Challenge:
 - 150 Mile Off Road Course
 - Winner took 8 hrs, less than 8 miles



National Attention



Obama Requests \$263 Million for Police Body Cameras, Training



Obama Calls for Police Body Cameras in Wake of Ferguson

President Barack Obama on Monday proposed new funding meant to help improve relations between police departments and minority communities, saying there is a "simmering distrust" between the two groups that extends well beyond the unrest in



Rialto PD / Cambridge Study

Monthly Complaints Received



Decrease in Complaints



Patrol Officer's Use-of-Force



Reduced Use-of-Force



Cameras Are Not The Challenge





The Challenge

250 Officers

Over 3 Years


=

2,332,800 Videos

155,520 GB of Data

Can agencies' processes keep up?

Where do you believe your officers have more advanced technology?

 You may respond at [PollEv.com/taser](https://www.poll-ev.com/taser) when the presenter pushes this poll

 Text a **CODE** to 22333

At Home As a Consumer

439822

52

At Work As a Cop

11

439938

0

10

21

31

42

Upgrade Velocity



Upgraded: Every Day



Upgraded: 5 Years

Technology Evolution

Mainframe



PC



Cloud &
Mobile



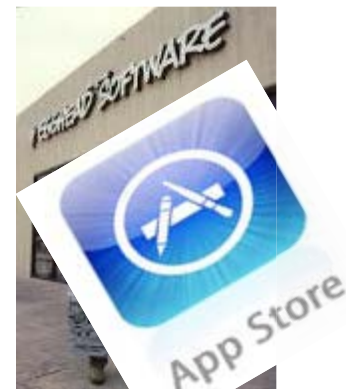
1960s

1980s

Today



Long Distance Calling





ADVANTAGES:

- Speed
- Scale
- Security
- Cost

1. Speed



Upgraded: Every Day



Upgraded: 5 Years

2. Scale



Massive Data Centers



IT Room

3. Security

CIA Awards \$600 Million Data Center Contract to Amazon Web Services



4. Cost

On-Premise Software

Cloud Computing

Software Licenses **9%**

Customization & Implementation

43%

Hardware

26%

IT Personnel

14%

Maintenance

7%

Training

1%

32%

Customization
Implementation
& Training

Source: Yankee Group DecisionNote
Technology Analysis

**77% less than
On-Premise**

Evaluate the Ecosystem (Not just the hardware)



2. Features vs. Partners



Technology Partner Checklist

☐ People

☐ Facilities

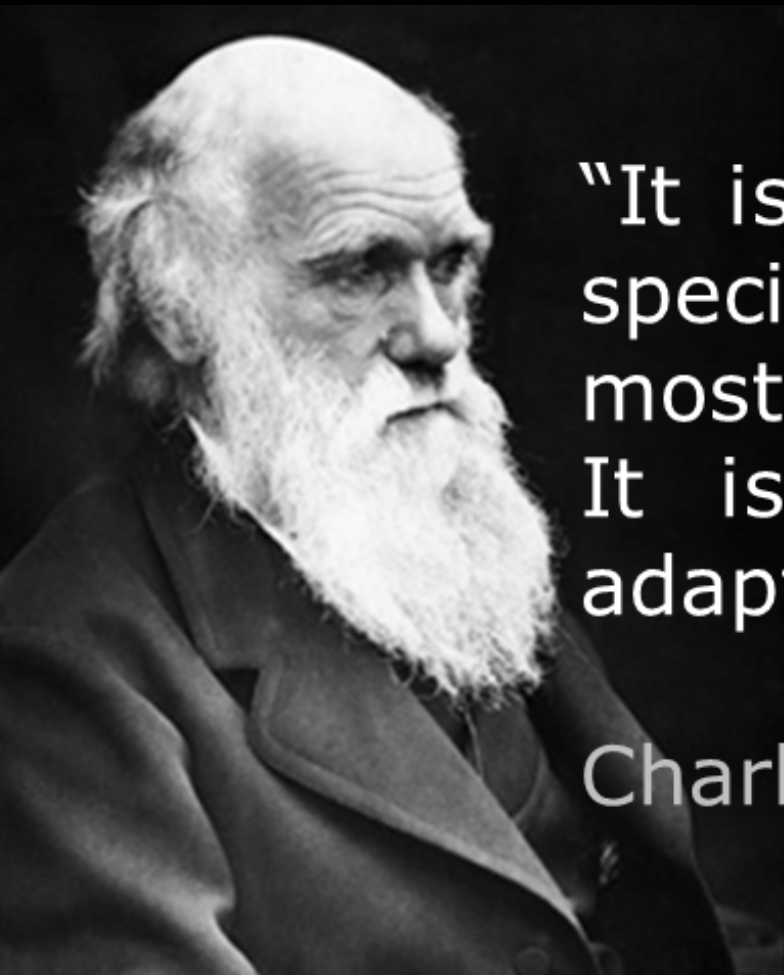
☐ Financial Stability

☐ Strategic Roadmap

☐ Security

Security Checklist

- ☐ Dedicated Security Leadership
- ☐ Security Technology
- ☐ Regular Penetration Tests
- ☐ Maturity of Info Sec Program
- ☐ Compliance Documentation
- ☐ Encryption Usage
- ☐ Robust User Permissions
- ☐ Audit Trails
- ☐ Chain of Custody for Evidence
- ☐ Deletion Workflow (recovery period, rec retention integration)
- ☐ Disaster Recovery



"It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change."

Charles Darwin (1809 – 1882)



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