

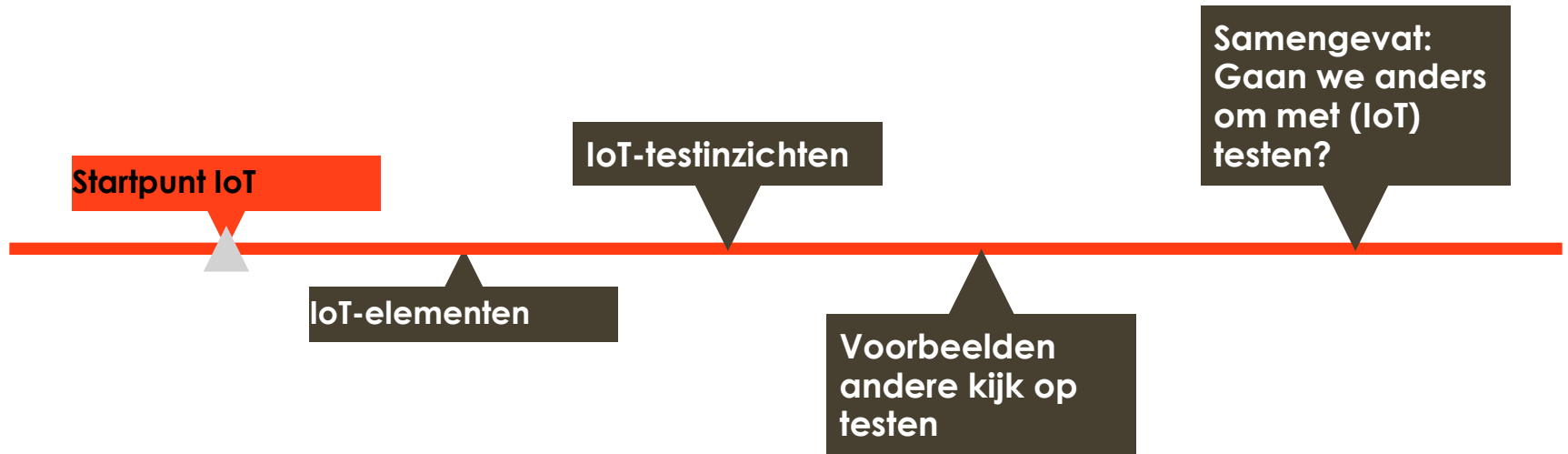
IoT & testen =  
IoT (*Innovatie op  
Testgebied*)?

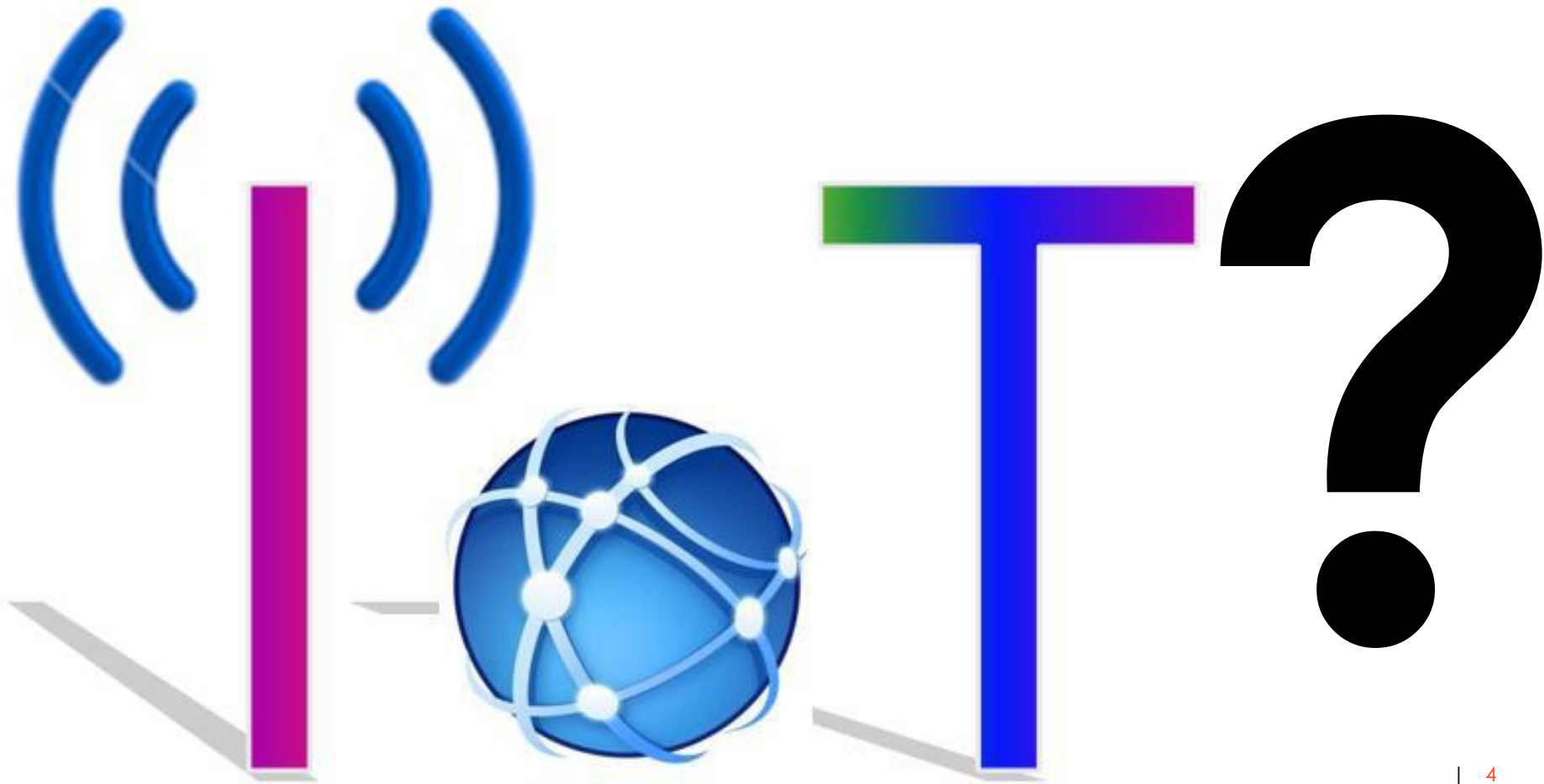
# Testen verandert door Internet of Things

Tom van de Ven  
Senior High Tech Testconsultant

Testnet najaarsevent 2015

# Agenda

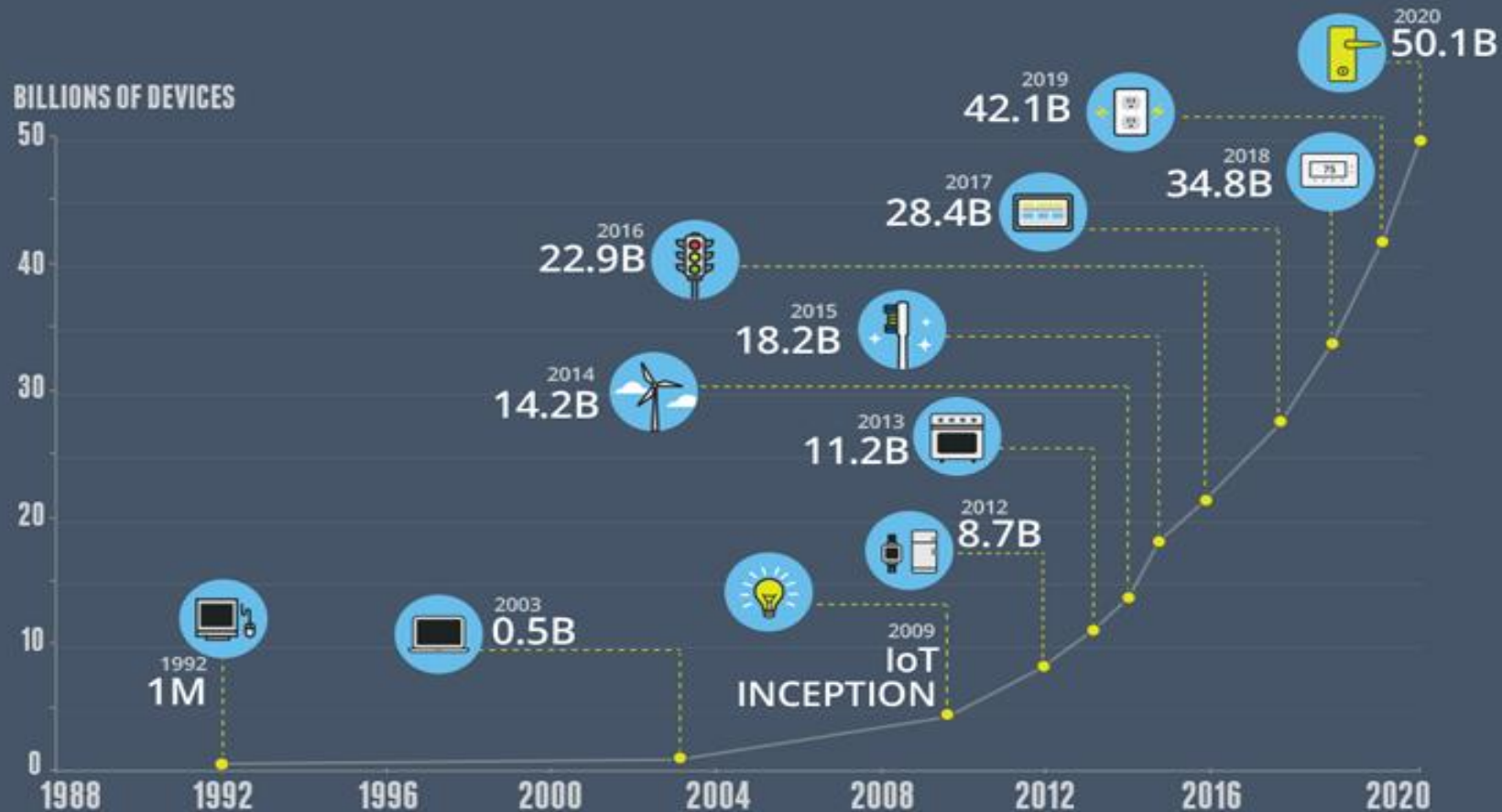






# GROWTH IN THE INTERNET OF THINGS

THE NUMBER OF CONNECTED DEVICES WILL EXCEED **50 BILLION** BY 2020

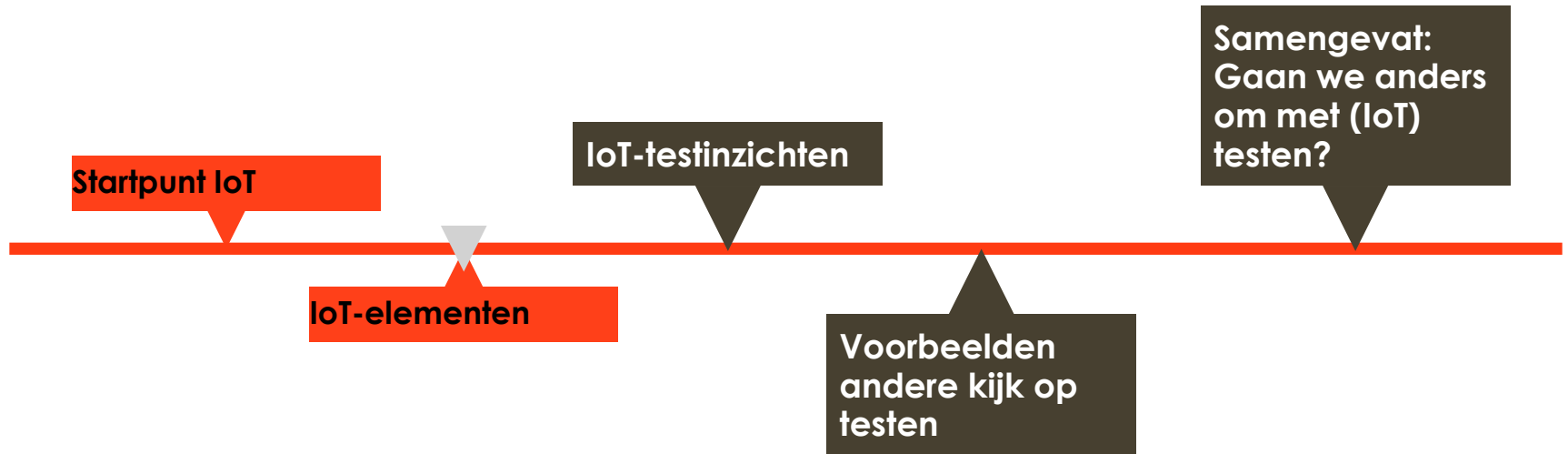




# Het testen van IoT is het testen van de beleving

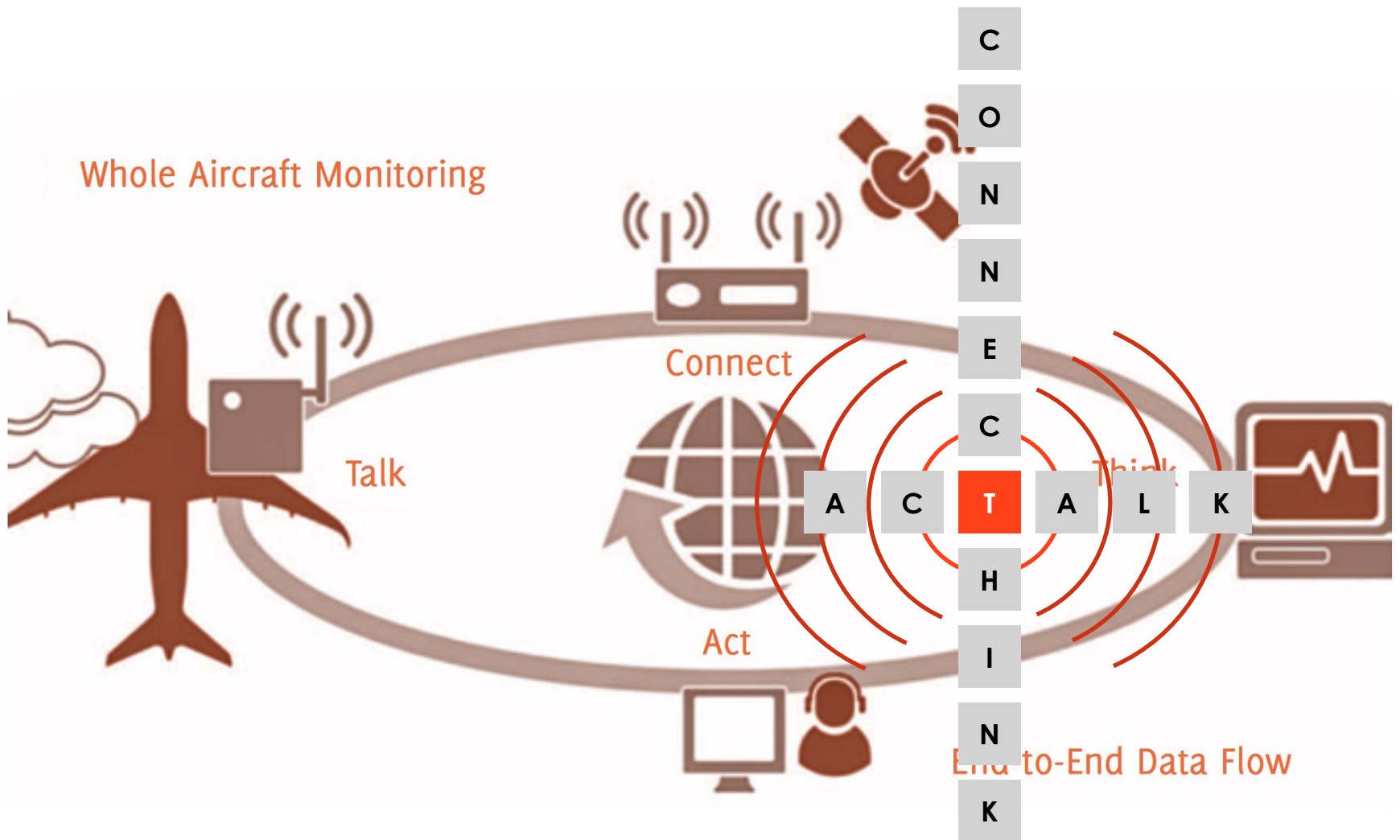


# Agenda



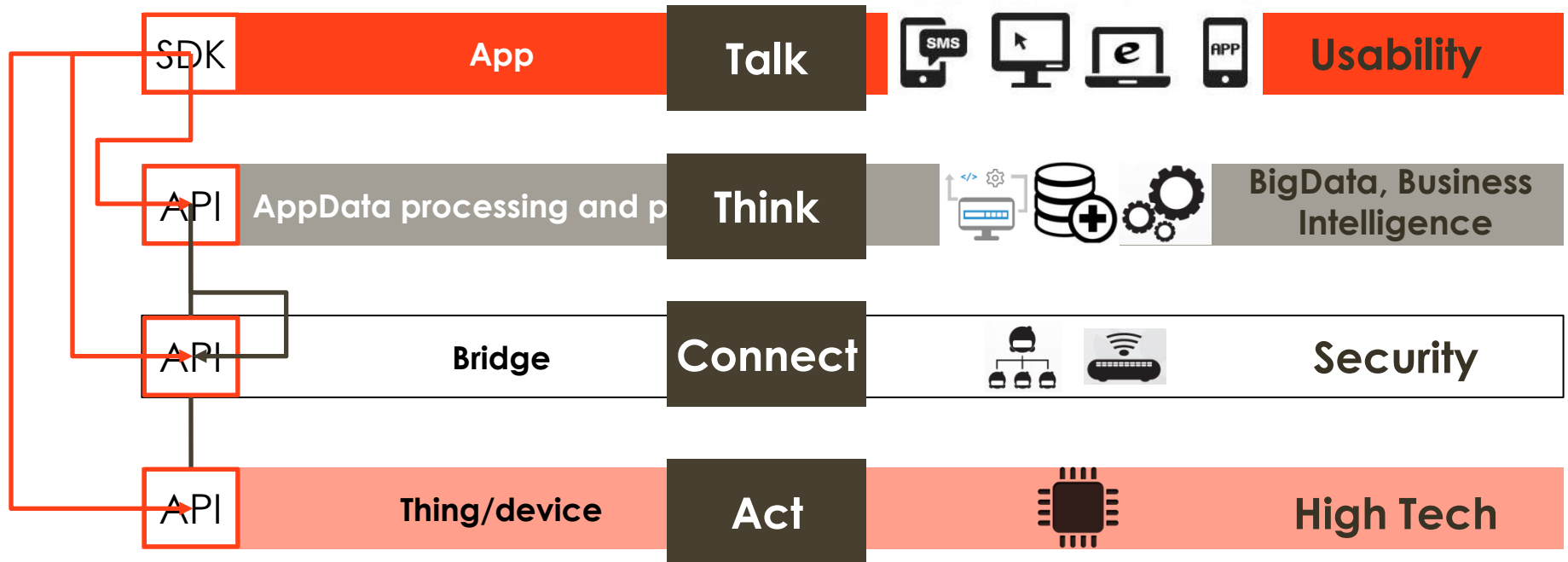


# Whole Aircraft Monitoring



# IoT-lagenmodel

Test focus op:



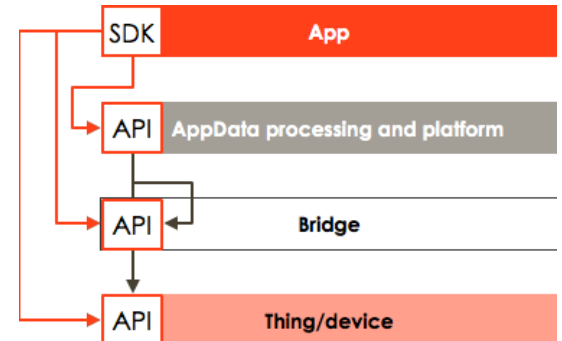
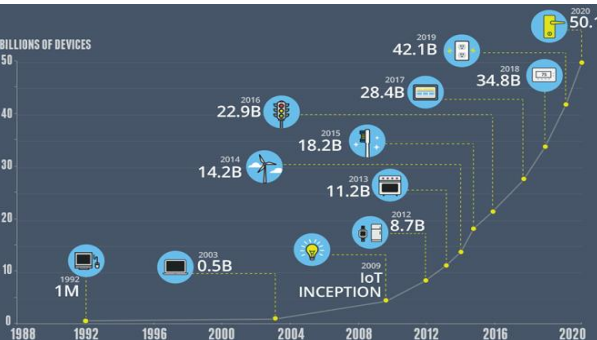
# Agenda



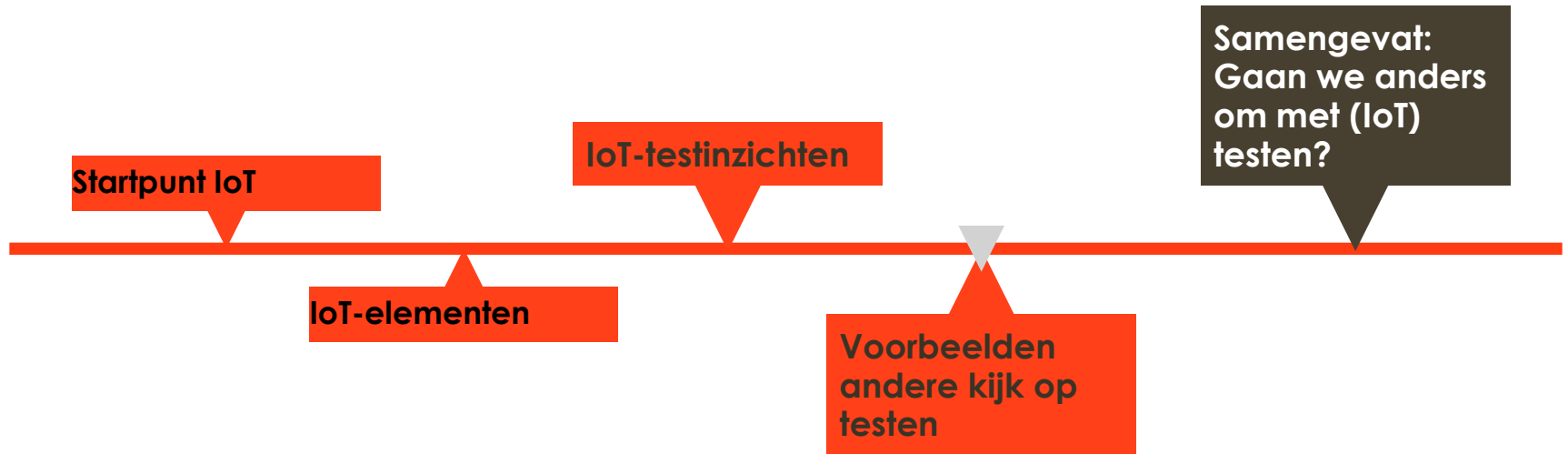
# Innovaties op Testgebied

## IoT-testinzichten:

- ▶ Test expertise nodig voor alle IoT-lagen
- ▶ Product moet de markt op voor de andere 50 miljard
- ▶ IoT-productcombinaties (#testsituaties groeit exponentieel)
- ▶ IoT-beleving testen



# Agenda



# Voorbeelden

*“Twee voorbeelden van andere kijk op testen”*

## Crowdtest



## IoT story telling



# Voorkom... IoT story telling

- ▶ Mind
- ▶ Focus
- ▶ p
- ▶ u
- ▶ s
- ▶
- ▶ IoT
- ▶ IoT

Testen is een expertise!

IoT-testen is een verzameling van expertises:

- ⌘ Testing
- ⚙ High Tech
- ▶ Open Source
- ▮ Business Intelligence
- 📱 Mobile apps

- 🛡 Security
- ☁ Cloud

- 💻 Business Technology
- 🕒 Project- en Service Management
- 🏠 Functioneel Beheer
- ✚ Infrastructure Services
- 🖨 Mainframe



# Voorbeeld: Crowdttest

- ▶ **Breng een IoT-oplossing heel snel op de markt en test hem daar**
- ▶ **Snelle test in lab-omgeving: Real-life-test in het veld**
- ▶ **Betrek eindgebruikers bij testen: informeer ze**

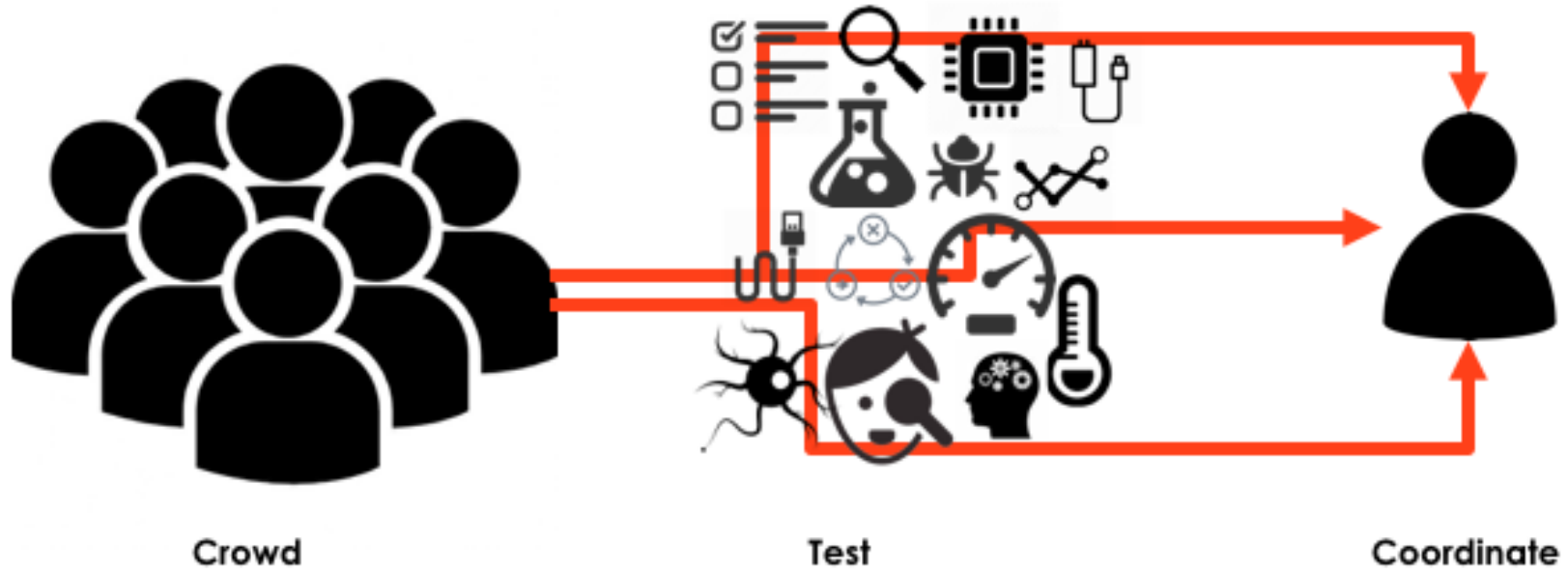


**Crowdtesting**

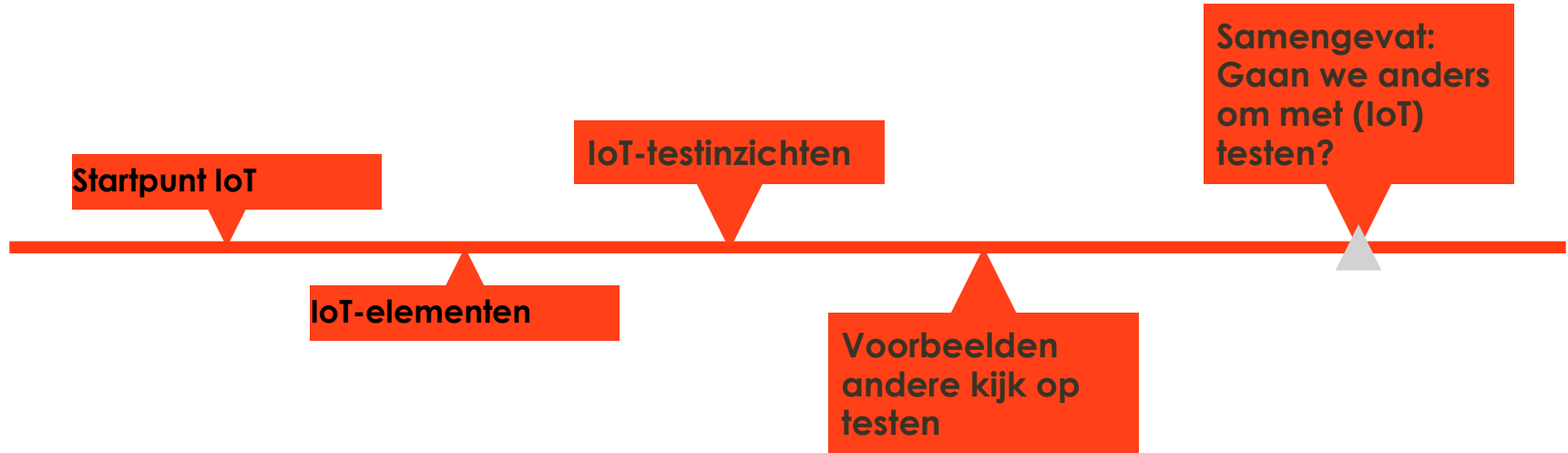


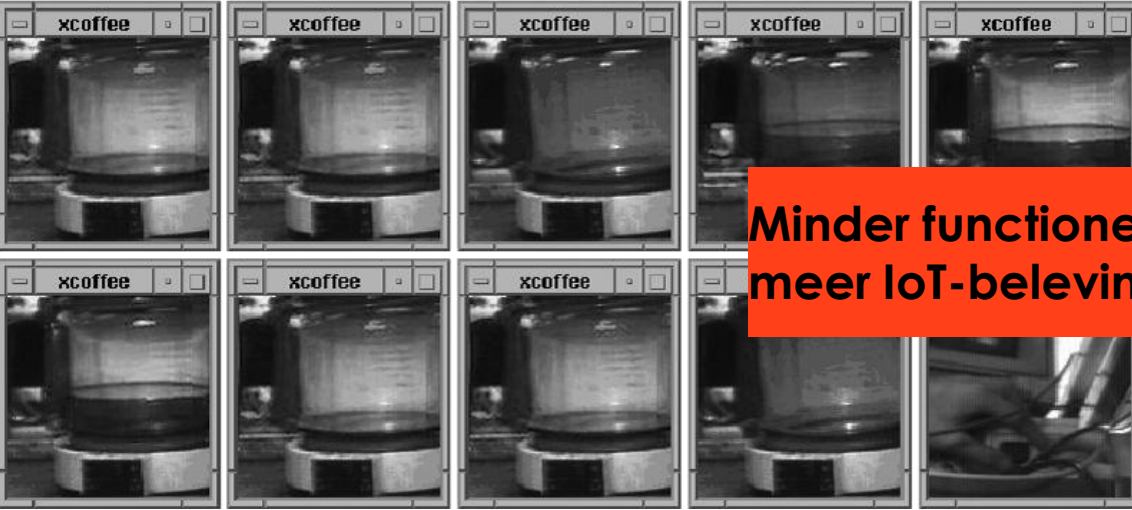


# Voorbeeld: Crowdttest



# Agenda



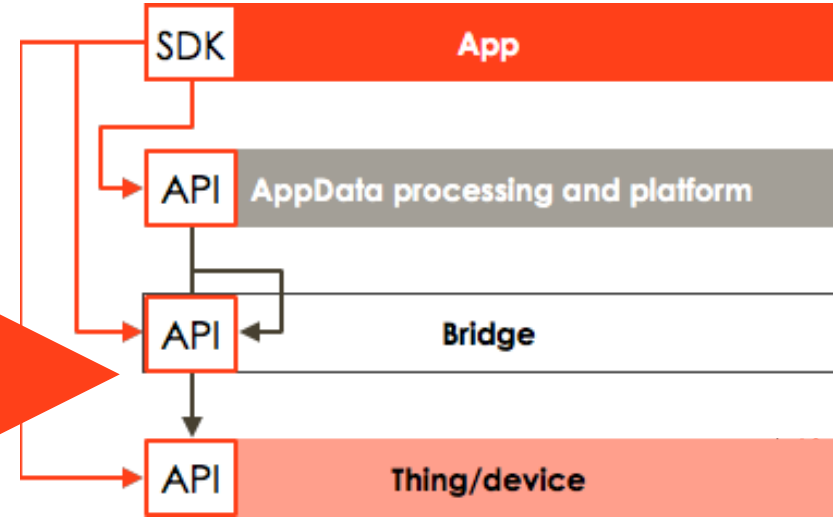


**Minder functioneel testen:  
meer IoT-beleving testen**



**50-100 miljard  
"things"**

**Test samen!  
alle IoT-disciplines  
Met gebruikers**



# Testen verandert door Internet of Things!

# IoT<sup>2</sup>Map

Handboek testen & IoT

Release Q1-2016

Schrijf je in voor de boekpresentatie!

[IoTMap.nl@sogeti.com](mailto:IoTMap.nl@sogeti.com)



Handbook

1

Definition IoT

IoT test approach

ing in IoT  
ments

a high  
product