TESTING, FUTURE
UCAAT 2016

Vilmos Beskid
Head of Research and Development
Ericsson Hungary
COMPLEXITY OF THE SYSTEMS WILL INCREASE
PACE OF CHANGE

Connections (billion)

- 1 billion connected places (100 years)
- 5 billion connected people (25 years)
- 15 billion connected devices (15 years)
- 25 billion connected devices (Our vision)

Timeline:
- 1900
- 2000
- 2010
- 2020

Graph showing the increase in connections from 1900 to 2020, with milestones at 1 billion connected places (100 years), 5 billion connected people (25 years), 15 billion connected devices (15 years), and 25 billion connected devices (Our vision).
PAVING THE WAY FOR 5G
OPPORTUNITIES BEYOND SMARTPHONES
TESTING CHALLENGES IN 5G

1000X
Higher mobile data volumes

10-100X
More connected devices

10-100X
Typical end-user data rates, up to 10Gbps

5X
Lower latency, faster connections

10X
Longer battery life for low-power devices

SOURCE: METIS PROJECT "OBJECTIVES"
OPEN SOURCE CONTRIBUTIONS

- CodeCompass
- CodeChecker
- Titan
- Erlang
TITAN DOWNLOADS ALL AROUND THE WORLD

CAMEROON  MALAYSIA
CANADA     MEXICO
CHINA      NETHERLANDS
CROATIA    NORWAY
CYPRUS     PHILIPPINES
FINLAND    POLAND
FRANCE     REPUBLIC OF KOREA
GERMANY    SAUDI ARABIA
GREECE     SOUTH AFRICA
HONDURAS   SPAIN
HONG KONG  SWEDEN
HUNGARY    SWITZERLAND
INDIA      UNITED KINGDOM
INDONESIA  USA
ITALY      VIETNAM
JAPAN