



CELTIC-NEXT Proposers Day



26th September 2018, Madrid

Application of Artificial Intelligence for Fault Management in SDN Networks



CAMPUS
DE EXCELENCIA
INTERNACIONAL

Álvaro Carrera – Universidad Politécnica de Madrid
a.carrera@upm.es

Project Idea:

Develop a self-healing platform for SDN networks based on Artificial Intelligence techniques

Proposal:

*Monitoring SDN networks through the controllers, we can use Big Data platforms to apply Artificial Intelligence techniques to detect, classify, repair and/or prevent different faults in the network **reducing operational cost of the network management.***

Organisation Profile



3.311 faculty members



3.311 Researchers



2.229 Support staff



4.636 graduate students

38.885 undergraduate students



Founded



20
engineering
schools



Spain
Largest
Technical
University

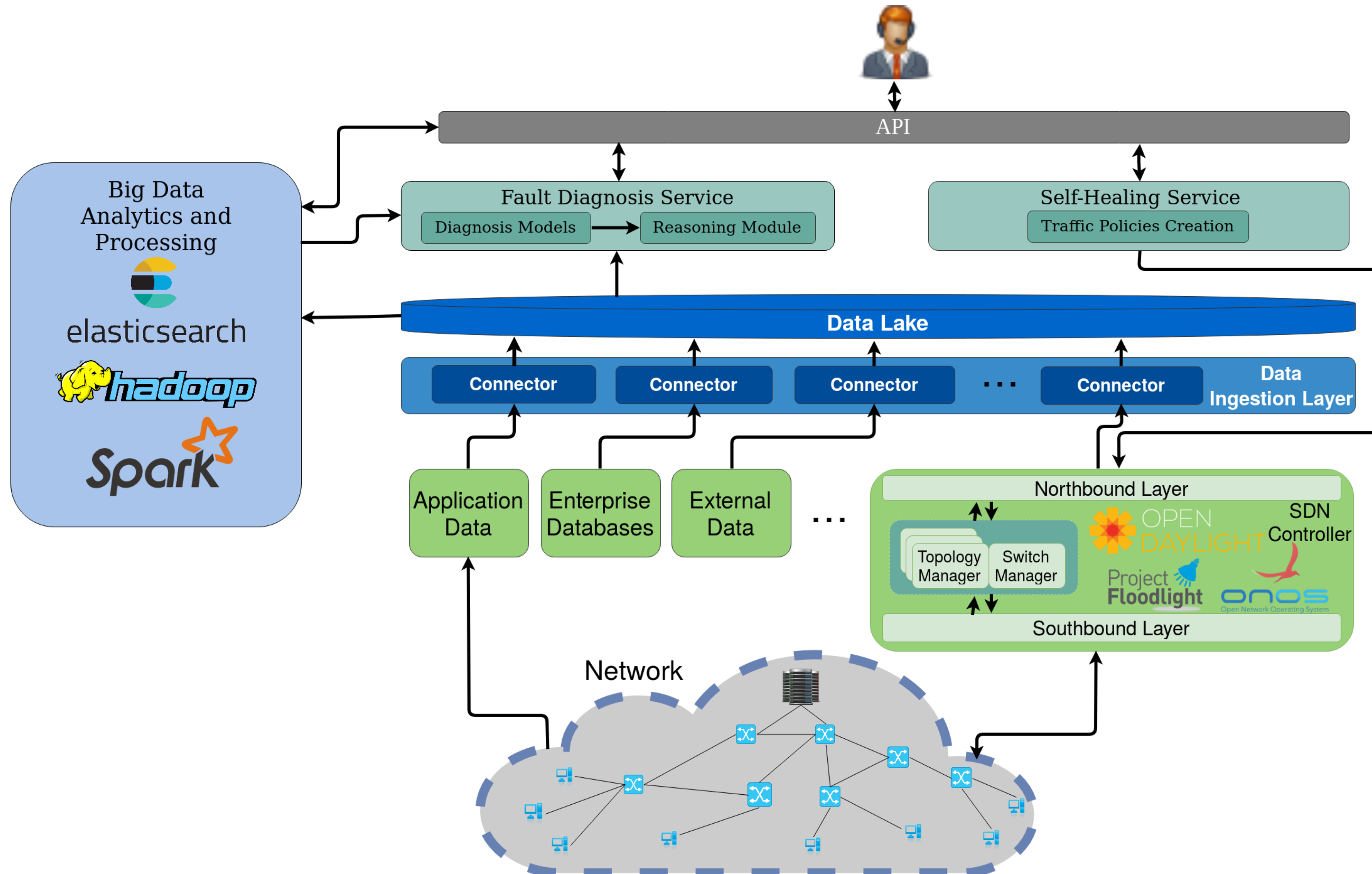


1st Spanish
University in
EU projects



EU
funding

Proposal Introduction



Partners



- *Schedule: 36 months, Autumn 2019 call*
- *Existing Spanish consortium conformed by Research Institutions and SMEs.*
- *Looking for partners from different fields and countries:*
 - *Network Operators interested in providing data and expertise*
 - *Cybersecurity specialists for security use cases*
 - *Big Data/Cloud expertises for scalability issues*

Contact Info

For more information and for interest to participate please contact:

Álvaro Carrera Barroso
a.carrera@upm.es
+34 91 067 21 13
Av. Complutense, 30
28040, Madrid, Spain
www.gsi.dit.upm.es



Presentation available via:

www.tiny.cc/projectidea

