Hackathon Open Access Week
Granada, 23 October 2015

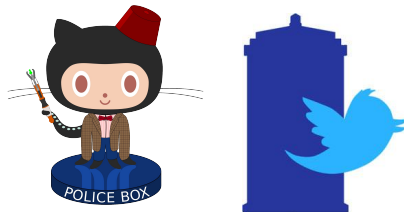Project No. 318508 FP7-ICT-2011-8

Who am I?

- Paloma, Telecommunications Engineer
- Researcher at CITIC, Granada
- PhD student
- GeNeura Research Group!
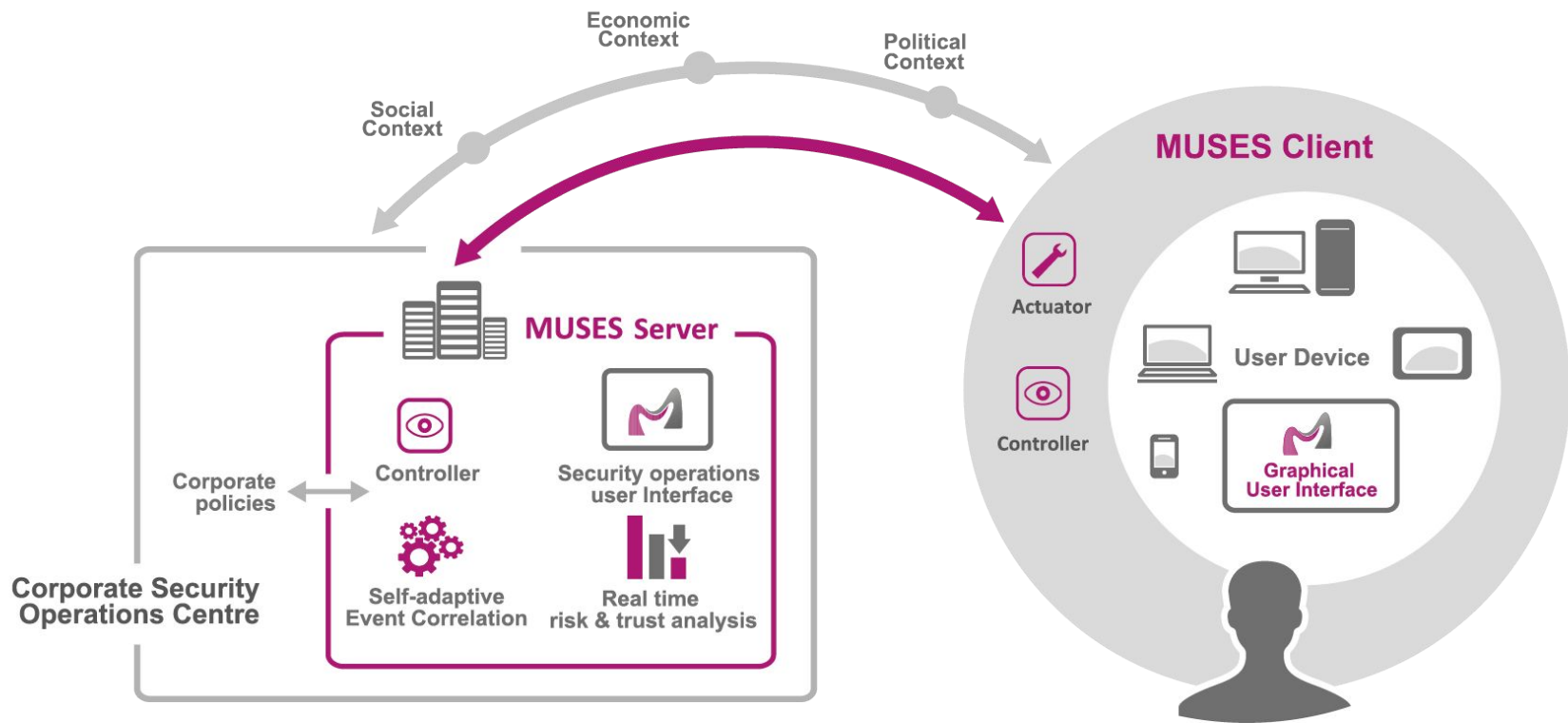- Cats, videogames & series lover

@unintendedbear at:

11th Doctocat by https://github.com/lgarron/octocats
Twitter & TARDIS by http://www.deviantart.com/morelikethis/257880316

What's MUSES?

How's MUSES doing?

- 3rd year, project is...
- … at its end   (?)
- It's FREE SOFTWARE
- Rule auto-adaptation means to really "go beyond the state-of-the-art"
- Context monitoring will become really important thanks to BYOD and IoT
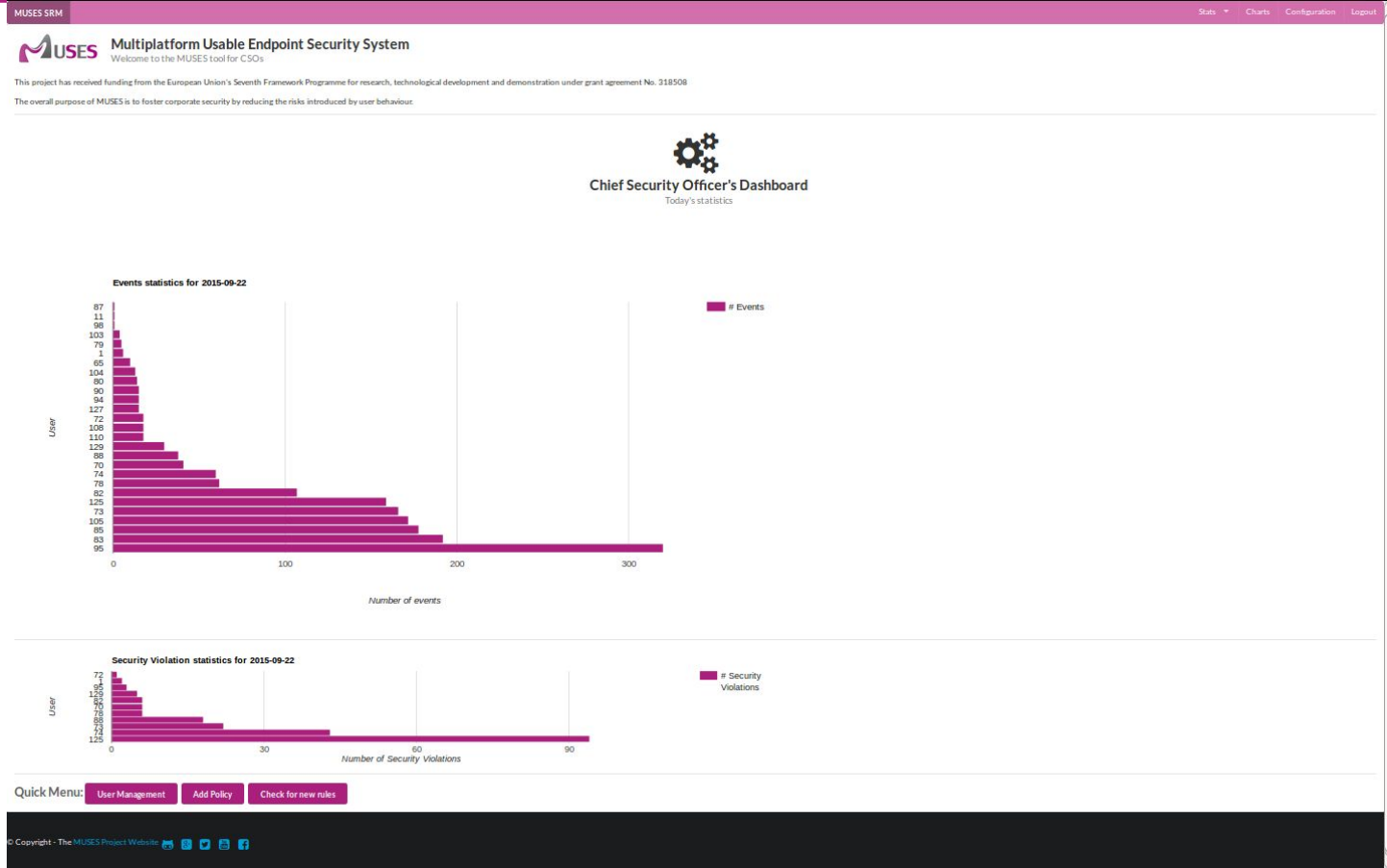- ...and it's my PhD

MUSES consists of…

- MUSES clients
  - Android
  - Windows
- MUSES server
- MUSES server GUI, called SRM

- MUSES github page is at https://github.com/MusesProject

Security and Risk Management GUI for MUSES server

- Meant for making Chief Security Officer's life easier
- Consists of:
  - JavaServer Pages
  - SQL
  - Javascript
  - Even google charts!

Security and **R**isk **M**anagement GUI for MUSES server

What can <u>you</u> do?

- Four main tasks:
  - Rule language is Drools, let's translate it to natural language!(*)
  - We DO need JUnit tests!(**)
  - MySQL queries for data representation
  - Weka integration or R integration to add functionalities like data analysis, clustering...

(*) https://github.com/MusesProject/MusesServer/tree/master/src/main/resources/drl
(**) http://httpunit.sourceforge.net/doc/servletunit-intro.html

MUSES

Why working in this project?

- Let's admit it, it's awesome
- Looks good in your CV
- Universities and companies working in the project