## **CASE STUDY**





# **ACCELERATING PROGRESS WITH AUTOMATED TESTING**

Noesis developed a project for NOS to allow the achievement of efficient and effective test automation, aligning with its long-term goals and ensuring continuous improvement.



Sector

**Telecommunications** 

**Business Unit** 

Devops & Automation

Solution

NTX - Ngine Testing Experience



Mobile



**Automated test** Cases of the regression battery



90%

of the Goal for automated test cases



Consultants



128 410

### THE CHALLENGE

The development of digital products using Agile methodologies, resulted in an exponential growth of regression tests followed by the need for more testers and resources. Adding to this, logistical challenges arose to ensure the necessary test coverage of digital products, which involve different browsers for websites and different mobile terminals and OS/versions for apps.







Automated test Cases of the regression battery



of the Goal for

automated test cases



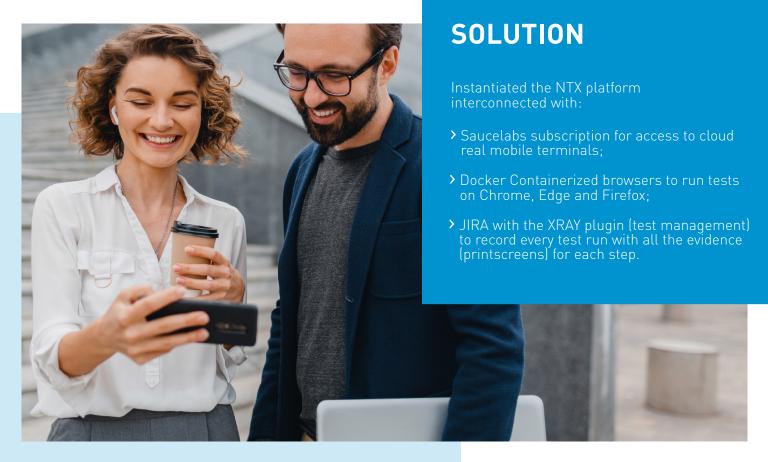
**Consultants** 



**96,033** 

#### **GOALS**

- > Non-technical and easy to use tool that allows test automation supported by functional skills;
- > Low maintenance through modular development/configuration allowing for the reutilization ofscripts between tests (ex: Login);
- > Null support effort on mobile terminals and desktops/VDI labs;
- > Evidence and test results visibility for squads through JIRA kanban.



# THE RESULT

- > Non-technical and easy to use tool that allows for test automation supported by functional skills;
- > Execution of WEB tests with great availability, parallelism, and efficiency. By running in Docker containerized browsers:
- > Execution of MOBILE tests with great availability, parallelism, and efficiency. By running on Saucelabs cloud real mobile terminals;
- > Visibility for Squads of every test execution result through JIRA Kanban with access to all the evidence.



NOS is a future-oriented company, committed to excellence and customer satisfaction. NOS offers state-of-the-art fixed and mobile solutions, television, internet, voice, and data for all market segments, being leaders in cinema distribution and exhibition and the exhibitor with the most complexes and rooms in Portugal.



Noesis is an international tech consulting company with +25 years of experience offering solutions to support companies' businesses and digital transformation. Noesis has an extensive IT services portfolio working in several areas such as IT Ops& Infrastructure, Cloud & Security, Enterprise Solutions, Low-Code Solutions, Data Analytics & AI, DevOps & Automation, Quality Management, Enterprise Application Integration, and Professional Services. The company has +1000 highly specialized talents, operating in six countries: Portugal, Spain, the Netherlands, Brazil, Ireland, and The USA. Noesis is part of Altia Group, listed on the Spanish BME Growth stock market, with more than 3 500 professionals operating in 7 countries and over 20 locations.



NTX - Ngine Testing Experience simplifies the test automation process in an intuitive, fast and versatile way, which means that you can optimise the time-to-market for a solution while reducing costs in your overall development cycle. NTX is a NO-CODE solution allowing non-technical people to implement automation batteries as well as it easily adapts to the specific needs of each market sector.