



Algar Telecom makes API governance sustainable with Sensedia

Company modernized technology environment, aligned to digital, with operational control and business agility.



APIs are old acquaintances of Algar Telecom, a telecommunications and IT company of the Algar Group, operating in 16 states of Brazil and the Federal District, adding more than 1.3 million customers.

Given the size of the operation, it faced the challenge of a lack of documentation and alignment with good practices.

The scenario, therefore, hindered the visibility and easy access to information, preventing the reuse of APIs, which would bring more agility and efficiency to management and consequent governance in line with business needs.



““We needed a monitoring solution with control of access release, executions, and validation of tests and that is what Sensedia provided us with its API platform”, said Marcus Valério de Q. Brunelli.

According to the executive, the goal was to make the environment increasingly sustainable, supported by APIs, creating agile and efficient governance.

“In 2018, we accelerated our Digital Transformation project, with the support of Sensedia, through its platform of APIs and governance principles in partnership with AWS (Amazon Web Services)”.



Marcus Valério de Q. Brunelli

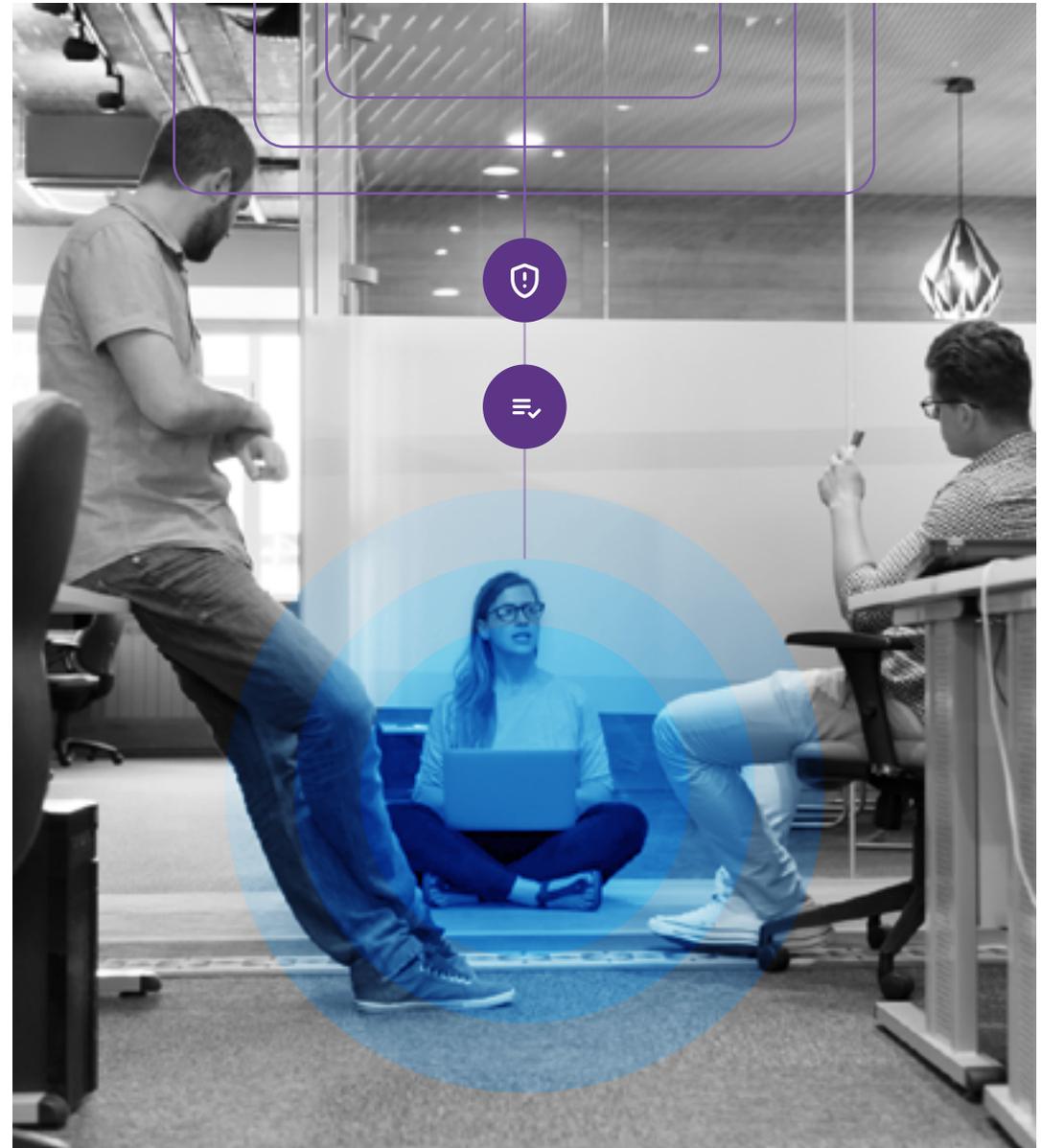
Head of API/SOA Architecture and Governance at Algar Telecom.



With the new architecture, supported by good practices in APIs, Algar Telecom developed a **test repository** to feed regression tests of APIs, interesting and effective support, in Brunelli's assessment.

Regression tests ensure that new implementations do not impact what is not the scope of the change. They generate a reduction in the number of errors in production and more confidence in the development team in making new versions available.

“We count about 1,800 tests in the productive APIs, about 2,000 in the ones in those running in approval environments. Now, we have signs of their behavior”, reports the executive.



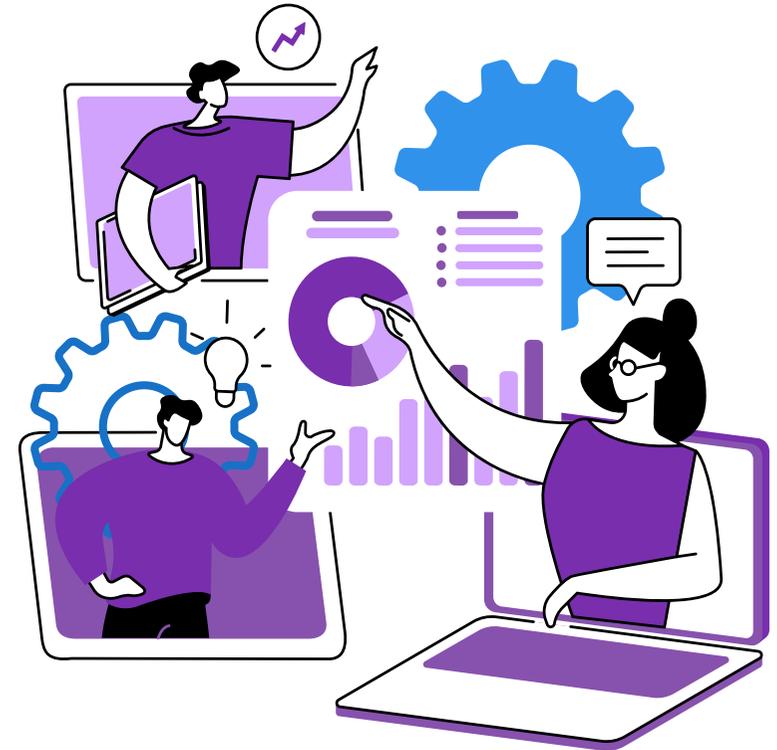
Agility and efficiency in the new environment

The visibility, documentation, and control of APIs gave developers the benefit of reusing the APIs in various projects resulting in reduced costs, increasing production and team satisfaction while also driving business areas with fast deliverables.

“Together, we have created a sustainable governance”, said Brunelli.

By monitoring the behavior of the APIs, it is possible to detect quickly and solve any non-standard activity. In addition, the monitoring speeds up decision-making, actions, and modernization of processes and technology.

“Notifying those responsible as soon as possible when an API presents an error behavior has generated a reduction in the number of customers impacted.” said the head.





Better API practices like security policies.



API creation practices.



API segregation (system Vs Corporate APIs).



A flexible and modern API governance.

These are some of the points in the **Algar Telecom Advantages** by using **Sensedia**.

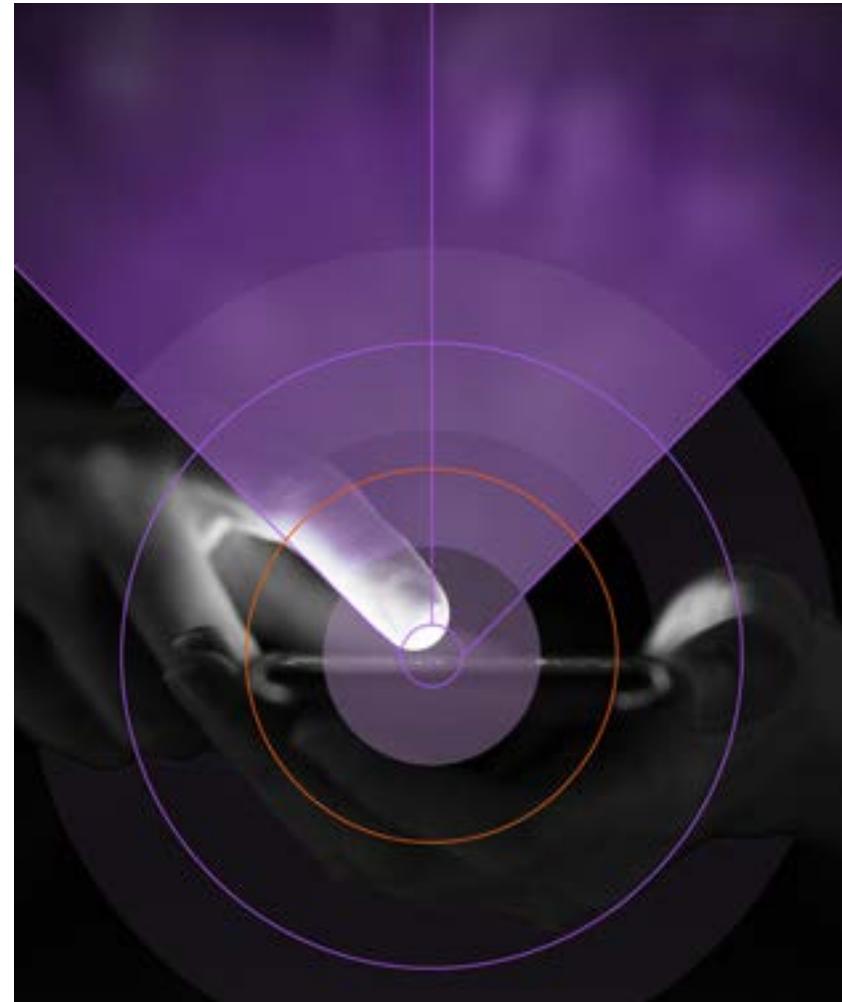
With API governance, supported by best practices in the **Sensedia platform**, **Algar** gained more agility in integration with partners, security, and predictability of errors while it also strengthened competitiveness in a market of fierce competition.

Today **Algar Telecom**, the first company to implement prepaid in Brazil, offers voice services, connectivity, outsourcing, unified communication and IT can ensure the expansion of its business with more security and agility, in line with customer expectations.

Sensedia's role

It acted in the digital transformation process with the development of APIs, consulting for the integration of solutions and communication between the developments made in the microservices architecture, aiming to connect the solutions of educational partners to each other and to Educacional.

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