



Orchestration and Automation to Accelerate the Release Management Process

Preventive capacity is limited, and communication between stakeholders can result in errors and failure to meet deadlines.

In most organizations, release management can become a frustrating process, with low efficiency, due to lack of coordination. The dispersion of information between different tools requires manual updating, generating bottlenecks, conflicts, and delays over which the managers and teams involved do not have the proper visibility.

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INVESTMENT

It is crucial to invest in a robust release management process integrated with the QA and DevOps teams to prevent costly failures and keep operations running. That is the ultimate goal of an **orchestration tool**: run a pipeline with just one click, with the ability to autonomously manage external test systems, deploy, CI, among others. Today, it is possible to manage this process fully with the software already developed and the releases already executed through a **single and coherent platform**.

STANDARDIZING

Standardizing routine tasks to automate the pipeline, reusing data and functions from previous releases ensure the robustness of this process. Many other management aspects (such as issuing efficiency and security alerts), quality assurance, and deployment can be automated, minimizing the delivery time.

COVERAGE

No matter how automated a pipeline is, the importance of manual intervention between teams, tools, and environments remains due to the need for control. In this sense, accelerating the release management process also involves ensuring the achievement of KPIs, which are decisive in identifying bottlenecks and increasing efficiency. In decision-making, visibility into the pipeline is essential, from programming to production, to ensure the anticipation of any errors and their elimination proactively.

We converged on a world of microservices, in a **“you build it, you run it”** logic in which all applications have to be put into production

quickly, with access to a set of systems, without any interruptions. It then becomes a priority to provide organizations with the processes and tools necessary to automate, orchestrate and obtain complete visibility into their releases at any scale.

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ABOUT DIGITAL.AI RELEASE MANAGEMENT

Digital.ai Release is the market-leading release management and orchestration solution that enables teams across an organization — from development to production — to collaborate for software delivery success. Designed to help you manage the increasing complexity of your software delivery processes by easily integrating with your existing DevOps tools and then modeling your end-to-end processes. It helps you accelerate delivery and reduce risk using automation that maps and standardizes your release processes. And with a complete view of everything happening end to end, you can pinpoint and address inefficiencies to real drive, impactful transformation.



Noesis is an international tech consulting company offering services and solutions to support clients in digital transformation and the development of their businesses in order to obtain sustained value that is transversal to all sectors. Noesis is focused on infrastructures, software, quality and people. The organization is based on highly specialized talents, operating in nine business units and six countries Portugal, Spain, the Netherlands, Brazil, Ireland, and the USA. Since 2020 Noesis has joined Altia, listed on The Alternative Equity Market. With this incorporation, Noesis is now part of an organization with more than 2000 employees, 3 Datacenters and 20 offices.

