

Autoscaling Platform for Pega

Deploy your Pega applications in multi-cloud environments

With the Autoscaling Platform for Pega, Atos brings you the most complete and flexible cloud environment for Pega available today.

With strategic Pega applications for marketing, sales, service, and operations you can reinvent processes, transforming your business with digital technologies. By connecting reengineered processes with legacy ERP systems, you reap the benefits of mobile technologies, so your staff stay connected any time, any place and over any device.

The flexible cloud architecture from Atos enables you to define Pega landscapes for either single development environments or a complex multi-instance use.

The Atos orchestration platform simplifies and accelerates Pega deployment. At the push of a button, you can define a multi-cloud environment, combining your private Atos cloud with public clouds such as AWS or Azure.

The Atos Autoscaling Platform for Pega ensures you can support peak loads. Because it scales dynamically, it ensures you always keep pace with changes in market usage and demand.



Atos gives you choice

Choose the Atos offering that best suits your specific business requirements.

- Pega-as-a-Service - pay strictly according to consumption from a secure Atos Canopy cloud. Activate and deploy development, test and production environments as required.
- Enriched Platform-as-a-Service - deploy Pega instances that scale automatically to meet business demand. Deploy Pega on both the Atos Canopy cloud infrastructure and on public clouds such as AWS or Azure. Simply specify which mode suits your specific operational requirement.

Both services can be delivered as part of a wider end-to-end engagement with Atos. We design, build and run Pega applications, handling on-demand maintenance and user support.

Key offer components are summarized in the table below.

Atos	Deployment	Infrastructure and Architecture	Operating and Monitoring	Application Maintenance
Standard Pega as a Service	Static sizing and traditional installation	Atos Canopy Cloud Infrastructure	Atos	Atos or customer
Autoscaling Platform for Pega in Multi-cloud	Automatic deployment from the Atos orchestration platform	Atos Canopy Cloud Infrastructure (TAI) or on Digital Private Cloud (DPC), Public Cloud AWS Azure	Atos or customer	Atos or customer

Multi-cloud deployment made simple

Use Atos Canopy Compose as a cloud orchestrator to deploy Pega quickly across a multi-cloud environment. Supported cloud targets are:

- Trusted Agile Infrastructure (TAI), a private cloud on Atos Canopy infrastructure;
- Your own Atos Digital Private Cloud (DPC);
- Public clouds such as AWS or Azure.

Meet demand with automatic scaling

Autoscaling runs automatically according to the settings you define during deployment.

Loads are determined by the number of Pega users and transactions. The load balancer detects change and triggers the scaling mechanism. The system then automatically creates a new application server, ready to absorb the load in just a couple of minutes.

After deployment, auto-scaling is tuned to continually optimize system capacity. You can specify a maximum number of application servers or tune the load balance threshold to trigger the scale-up mechanism.

Solution integration

Atos will both deploy your Pega system in the cloud and integrate it fully with your existing IT landscape. This allows you to invoke the applications and services you need to design and implement complete enterprise processes.

