What's New in AnyLogic Cloud and Upcoming Developments

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Online

Towards a Full-Cycle Ecosystem for Simulation

SMEs **Developers**

End Users **Stakeholders**

- Conceptual modeling
- Spatial modeling
- Logic coding
- Debugging
- Validation
- Animation design

Develop

Δ anylogic®

SIMULATION MODEL LIFECYCLE

Deployment

Upgrade requests

Use

Δ anylogic® cloud

- Deployment / Secure model repository
- Execution: uptime & performance
- Data connectivity & Workflow integration
- User / access management
- Version / update management
- Scenario management
- Web frontend. Dashboard design
- Experiment planning
- Optimization
- Output analysis & interpretation

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Pilot project for Lisbon: **Amoreiras Plaza Junction simulation***

Camara Municipal,
Lisbon government
Customer

- -

Infrastructure requirements

- On-premises web service, no desktop installation
- Single sign-on with 2FA and user management with Okta Verify
- Custom web interface and appearance
- Integration with other government applications

*This story is fictional; any resemblance to actual events, living or dead, or actual locales or persons is purely coincidental

AnyLogic Cloud in 2025

Completed runs
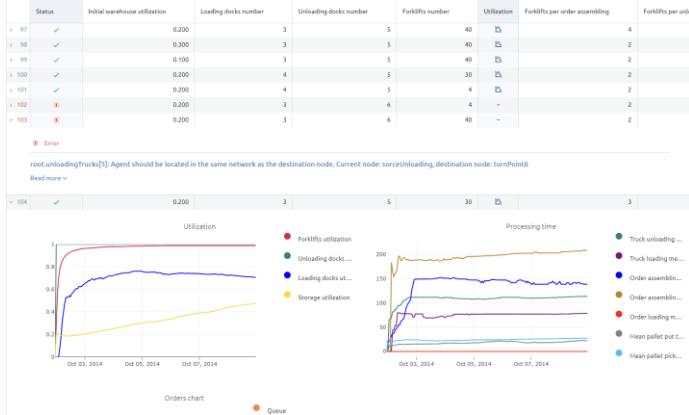
OAuth 2.0 / SSO
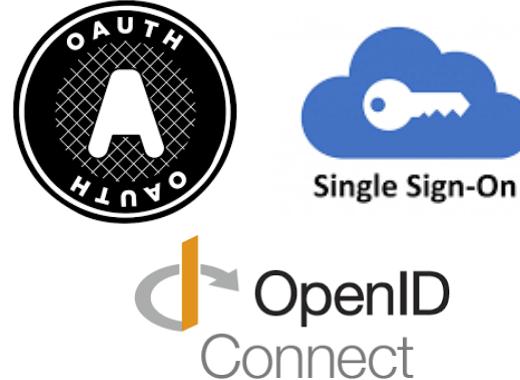
New "My models" view
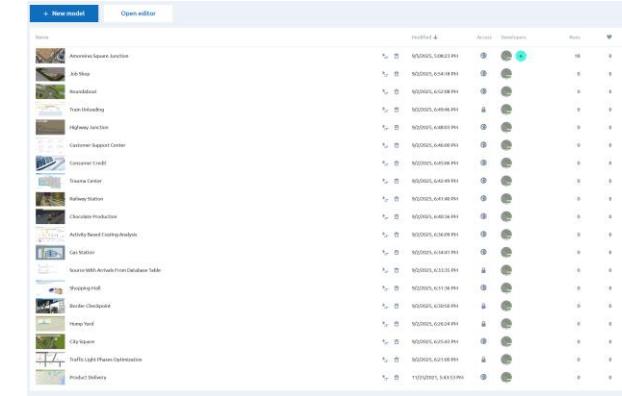
[Q4] Automated fileserver cleanup
– Private Cloud backup without deleted files

[Q4] Kubernetes
– Private Cloud prototype in k8s

AnyLogic Cloud in 2026

Elastic Private Cloud

– Scale up and down executor service automatically

NVidia Omniverse

– Render hi-fidelity 3D animation for the models running in AnyLogic Cloud

Cloud API

– Refactoring (Swagger)
– Optimization experiment API
– New methods for managing experiments
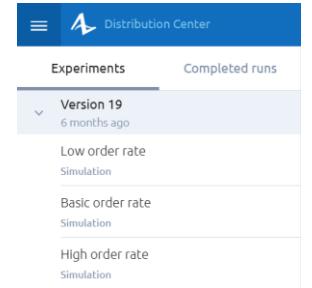
Full-Cycle Ecosystem for Simulation

Find out more at the presentation in four hours
AnyLogic 9 and the Full-Cycle Ecosystem for Simulation

Thank you!

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