



Case Study

GOVERNING WITH TECHNOLOGY

A one-stop development platform to modernize multiple applications across departments without disrupting existing systems - ETAT finds its solution in WaveMaker low-code technology.



40+ Applications

Under rebuild

7+

Developers only

1000+

Users

Seamless Integration

With existing systems

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WaveMaker allowed us to be the first in our organization to use new technologies such as web services, containerization, and SAML. The most important feature about WME for us is its ability to seamlessly integrate with SAML because we have a very specific LDAP with very specific security requirements

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Stéphane Morel
IT Delivery Manager, Etat De Genève

The Company
Etat De Genève

Industry
Public Sector

Location
Geneva, Switzerland

Office cantonal des systèmes d'information et du numérique (OCSIN) is the information and digital systems office of Etat De Genève (State of Geneva). The office caters to a diverse group of end-users across departments using multiple applications and is striving to deliver modern and seamless user experiences while dealing with legacy technology. More than 40+ applications cover a wide landscape of governance operations such as file management, HR processes, material orders, transportation planning, case management, financial data consolidation, and prison management.

For instance, the SCEP application which caters to more than 200 users is used to distribute equipment to staff in uniform, whereas the GPAT application is used to plan and manage transport. Every application is unique, has a diverse user base, and is integrated into various internal systems.

Overhauling user experiences without disruption is the goal, and OCSIN has a clear vision for its path towards modernization:

Develop responsive on-premise applications rapidly while seamlessly integrating with existing systems.

CHALLENGES

- Modernization on top of legacy technologies was cumbersome and involved high latency, existing systems did not support open-source technologies.
- Existing technologies could not interface natively with other internal and essential systems like SAML and LDAP
- Some existing technologies were expensive and their licensing model was not cost-effective
- Delay in go-to-market with application updates arising from Government policies and rules that are subject to change over time



SOLUTION

Etat De Genève adopted the WaveMaker platform to build various in-house applications that are made scalable and secure. While a few have been already built, the rest are being repurposed entirely with WaveMaker. OCSIN has been able to do this with minimal support and has for the most part used a self-service model.



RESULTS



Development of more than 40+ applications underway, integrations with internal systems made possible, and satisfied users across the board.

OCSIN is making great strides in its modernization journey, with WaveMaker's open standards-based low-code platform. Some of the critical results achieved so far include:

- Visually appealing applications using easy drag and drop UI elements that could also support SOAP-based web services
- Support for latest technologies like containerization, web services, and SAML
- Greater economies of scale with developer seat-based licensing
- Seamless integration with other internal systems like LDAP, EDM via web services, desktop publishing in a native manner
- Transparent version upgrades on technology changes are now possible
- 8+ completely functional applications have been created and deployed and all others are being refurbished or developed anew

The team at Etat de Geneve found WaveMaker easy to learn and intuitive to use. The robustness of the WaveMaker studio and the responsiveness of load tests built trust with the developers. On the other hand, competent and timely support from the WaveMaker support team accentuated application development.

Enterprises spanning several industries and regions are using WaveMaker to modernize their legacy applications rapidly without disrupting their existing business processes. Whether it be user experience or backend, WaveMaker continues to enable enterprises in their modernization efforts and build better digital solutions by providing a safe, secure, and developer-friendly platform.

To know more about our low-code platform capabilities, write to us at info@wavemaker.com
