



## CANAL+ Groupe strengthens the security of its Internet platform for the general public by combining Authentication, SSO and Identity Federation

Thanks to its responsiveness and capacity for innovation, Ilex International helps strengthen the security level of the Canal+ Group Internet platform, and optimises identity and rights management for its users.

### Single authentication for 4.7 millions of beneficiaries



With 11+ millions subscriptions, Canal+ Group is a major player in the programming and distribution of pay TV offerings in France. It is a pioneer in new television practices and a precursor of both High Definition via satellite and mobile TV development.

Canal+ Group is both a producer of premium and specialty pay TV channels and a distributor of premium and multi-channel offerings in France and abroad.

Canal+ Group provides a dozen of Web sites for the general public ([www.canalplus.fr](http://www.canalplus.fr), [www.canalsat.fr](http://www.canalsat.fr), [www.canalplay.com](http://www.canalplay.com), [www.foot-plus.com](http://www.foot-plus.com), etc.) with services and contents for both subscribers and non-subscribers.

In order to support its strategic business needs, Canal+ Group wants to upgrade the authentication and registration service for all the sites on its Internet platform. The current system is outdated and it is becoming more and more complex to integrate new technologies that meet consumer uses.

In this context, the ISD launched the P@SS project in 2011 (in other words, a platform for easy and secure access).

### A strong and evolving access control platform

The main goal of the P@SS project is to standardise and secure authentication and registration processes on the group's portals while enabling users to easily access all of their services and selfcare from a universal account. The project consists in laying the functional and technical foundations that are common to the various Web sites and mobile applications of Canal+ Group, based on a strong and evolving SSO framework.

“ P@SS is a large-scale project which meets the company's high business stakes. The use of a unique account allows us to build user loyalty, to build bridges between sites and to create transversality between uses. Besides, the implementation of an authentication and access control platform that is specialised and interconnectable with the other service platforms of the company must facilitate the deployment of new multi-screen services. Also, centralising access and identities gives us a clearer vision of our users' behaviours and makes our marketing teams' job easier. ”

Nicolas Tessier, in charge of the project in the Canal+ Experience Management team

These foundations must be stable, they must allow future developments and provide various interconnection mechanisms between communities. Thus, the P@SS platform must integrate the main identity federation protocols (SAML and OAUTH V2) in order to enable users to register, authenticate and access their services with their personal identifiers (such as Facebook identifiers).

Finally, in order to facilitate the deployment of Canal+ services on mobile devices in particular, the P@SS platform must provide integration kits specific to each mobile environment (iOS/Android/Windows).

## KEY TAKEAWAYS

### The challenges

- Address the challenges of mobility and enhanced TV experience (second screen)
- Standardise authentication processes by securing access
- Simplify the deployment of subscriber services on mobile devices (smartphones, tablets)
- Implement a scalable infrastructure in response to rapidly growing mobility uses

### The solution: Sign&go

Strong authentication, access control, global SSO (Web SSO and eSSO) and identity federation

### The benefits

- Increase of online services security level
- Standardisation of identification, authentication and online registration processes
- Integration of registration processes on all SSO federated portals
- Support of mobile devices (smartphones, tablets)

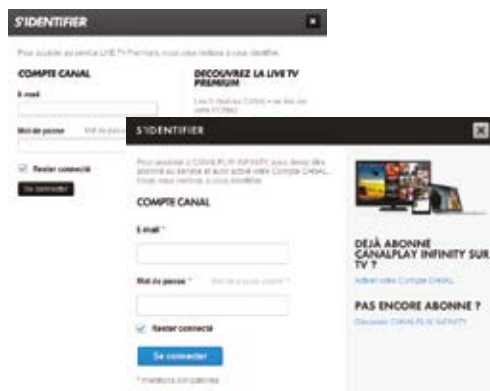


## The selection of an innovative and responsive software provider: Ilex International

After a thorough analysis of the solutions available on the market, Canal+ selected Ilex International on the ground of its high quality technology.

“As far as Ilex International is concerned, what appealed to us was its expertise and the responsiveness of its R&D teams. We thought that this would ensure that our needs in terms of new market uses would be taken into account. Besides, Ilex International's experience on projects of this size was a tremendous asset for the implementation of the P@SS platform.”

Nicolas Tessier



The P@SS platform was built on the Sign&go offering and its high quality service. Persistent authentication and subscriber rights management, as well as access to information/services have been significantly improved.

The platform is stable and supports a large audience with traffic peaks on the group sites, services and applications reaching 500,000 visitors a day or 100,000 visitors during peak hours. The level of security has been reinforced and fraud has been limited, with the assurance that the authenticated Internet user is actually the declared subscriber.

“The product has great potential. It is flexible, innovative and its identity federation module gives it added value. Social networks interfacing and the use of third-party digital identities is also a breakthrough, both in terms of technology and business.”

Nicolas Tessier



## A platform adapted to Internet users' new behaviours

With the P@SS project, Ilex International demonstrates its ability to anticipate and adapt to new consumer uses while meeting the mobility challenges faced by Canal+ Group.



“Social networks and consumer mobility provide new opportunities in terms of customer relationship and business development. The key to success lies in the ability to easily deploy new applications within the main mobile ecosystems available on the market, that are developed by various integrators, and to secure communication and access at the same time. The integration kits embedded in mobile applications help simplify the interfacing work for mobile integrators while centralising security and access.”

Nicolas Tessier



## Ilex International

is a software provider specialising in Identity and Access Management (IAM).

Partner to most of the blue chip companies, today Ilex International is renowned for its expertise in enterprise repositories and Identity Federation.

[www.ilex-international.com](http://www.ilex-international.com)

**Ilex International**  
✉ [info@ilex-international.com](mailto:info@ilex-international.com)  
🌐 [www.ilex-international.com](http://www.ilex-international.com)

**International offices:**

- London
- Paris
- Marseille
- Rabat