



IPdiva Secure provides high security remote access to the Information System

Goal:

Securing remote connections to the Information System for about 15 service providers, 700 students, 80 permanent teachers and multiple one-time contractors

Solution:

> IPdiva Secure

Benefits:

- > A single, high security solution for managing all remote connections
- > Controlled and selective accessing based on user profiles
- > Significant time savings for the IT team



We had multiple needs - to simplify daily accessing to our IS by our service providers, which up to now was handled manually, and to be able to respond to the demands of teachers and students who wanted to access their storage areas from outside. With IPdiva Secure, we now have a single, high security solution that allows us to provide controlled and selective remote connections based on user profiles, without having to open any ports in the school's IS.

Mr Emmanuel Petitgand
Network-system Administrator



Goals

The École nationale supérieure des Arts Décoratifs (ENSAD, or Higher College of Decorative Arts) is an art and design school based in Paris that teaches close to 700 students in a variety of subjects related to ten different areas of art. It employs approximately one hundred administrative staff, as well as 80 permanent teachers and a vast number of temporary contractors.

The IT Department supports nearly 500 workstations and about thirty computer applications, including both traditional management programs (for HR, payroll etc.) and programs specific to the art professions (such as 3D applications, Adobe suite, etc.). The Department collaborates with multiple IT service providers who need to access the Information System on a daily basis in order to maintain these applications. Other service providers, such as photographers or designers, may also need to access the IS to upload or download documents. The IT Department used to handle these remote connections manually and was, therefore, looking for a solution to simplify this task in a secure manner.

Simultaneously, there was growing demand from students and teachers who wanted to have access to their own data storage spaces from outside of school. So the IT Department was starting to look at possible ways of responding to these expectations.

The solution

One demonstration of IPdiva Secure immediately revealed its benefits to ENSAD: remote connections by service providers to the IS would be simplified, and the security of all remote connections by service providers, teachers and students could be managed through one solution. A mock-up was promptly implemented in February of 2015 with ongoing support by Systancia Consultants. This phase ensured that IPdiva Secure was meeting all the IT Department's expectations. The solution was then deployed in two steps: in June for the service providers, and in September for the students, totaling about one hundred production licenses.

A single, high security solution for managing all remote connections

Expectations from users wanting to access the Information System from outside the school varied depending on their profiles: the service providers needed easier remote access in order to maintain the applications deployed on the IS, while the teachers and students wanted to access their own personal storage directory or shared directories. IPdiva Secure is the solution that can accommodate all of these different uses in a unified manner, replacing a host of heterogeneous products such as MDM, Firewall or routers. With a single log-in step that does not require opening a port in the Information System, IPdiva Secure guarantees that remote connections are highly secure.

Controlled and selective access based on user profiles: service providers, teachers and students

IPdiva Secure makes it very easy to manage remote connections based on user profiles by authorizing selective access to a particular choice of applications or network resources within the Information System. This way, a user can only access to IT resources for which they are authorized. Logging in is very easy for the user as it can be done from anywhere and for any type of system through a simple web browser. IPdiva Secure also checks remote workstations for compliance (integrity and security) for all service providers, teachers or students logging into the internal resources. This compliance/non-compliance check against a series of pre-defined rules may result either in complete rejection of the access request, or in various access level restrictions.

Significant time savings for the IT team

IPdiva Secure has made it much easier to manage remote connections by service providers. Before, the service provider would submit an access request to the IS via email, and the IT Department would grant them access by opening ports within a limited timeframe using manual Internet Protocol Security (IPsec) scripts. This system was a burden for the IT Department, as it was time-consuming, but also for the service providers who were dependent on the opening of these connections in order to do their work. With IPdiva Secure, all you need is to set up an account for the service provider, specifying a certain number of rules: resources to be accessed, account validity period, etc. This leads to real satisfaction from the service providers, who can now carry out their work independently, and real time savings for IT, who no longer has to manage these remote connections on a daily basis and can now spend this time on added value missions for ENSAD.

About IPdiva Secure

IPdiva Secure 8 is a French cybersecurity solution that allows giving high security access to selected resources of the IS to any kind of user (roaming users, home-workers, contractors, etc.). With a unique access necessitating no port opening in the Information System, IPdiva Secure is a unified solution replacing heterogeneous products (MDM / Firewall / Routers ...). In May of 2016, IPdiva Secure has obtained the « Certification de Sécurité de Premier Niveau » (CSPN, or First Level Security Certification) delivered by the French agency for the Information Systems security (ANSSI), which stands for a very high level of software security in compliance with the most advanced testing standards. In July of 2016, IPdiva Secure has even got ANSSI's « qualification », which is a strong recommendation for use from the agency.

