

École normale supérieure Paris-Saclay



Paris, France



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université PARIS-SACLAY

EQUANS DIGITAL

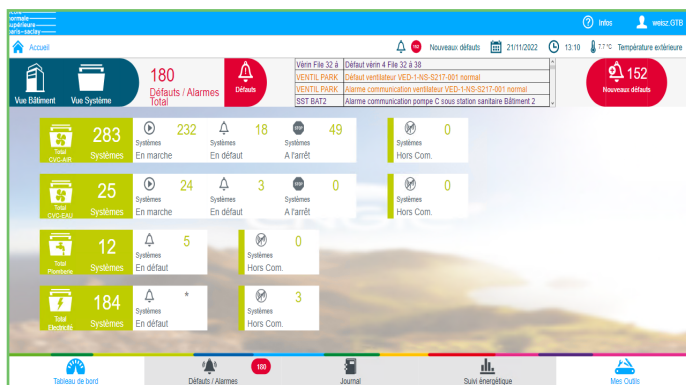
ENS Paris-Saclay Building

About École normale supérieure Paris-Saclay

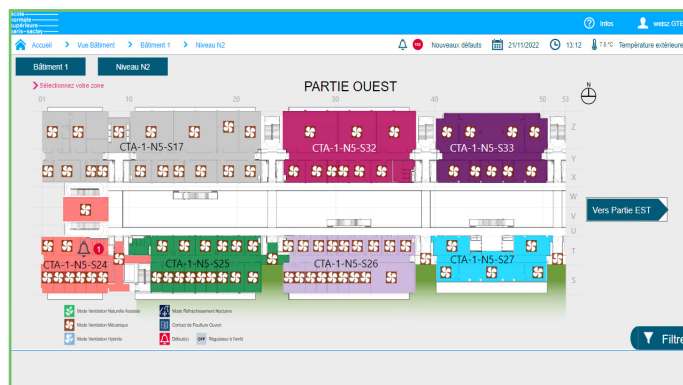
In 2014, École normale supérieure Paris-Saclay (also known as ENS Paris-Saclay or Normale Sup' Paris-Saclay) became a founding member of the Paris-Saclay University as part of an initiative to integrate and combine resources from different grandes écoles, public universities, and research institutions. In 2019, the school moved to a new campus located in the Gif-sur-Yvette university community on the Saclay plateau, otherwise known as France's "Silicon Valley". The École normale supérieure Paris-Saclay is therefore strategically located near other members of the Paris-Saclay research-intensive and business cluster. As part of the world's leading research organizations in various fields, this cluster forms the top level of research and education in the French higher educational system.

Project Summary

The École normale supérieure Paris-Saclay wanted automation software for the technical management of their buildings. Additionally, the school wanted to use this software to control and manage all eight buildings from one central control site. The school chose to work with System Integrator EQUANS Digital, a company of the Bouygues group and a global leader in the energy and services industry. The company has operations in 20 countries including important European markets such as France, Switzerland, Belgium, the Netherlands, and the United Kingdom and is also well positioned in the US and Latin America. EQUANS Digital designs, installs, and delivers customized solutions to improve its customers' equipment, systems, and technical processes for the optimization of energy, industrial, and digital transitions. For this project,



ENS Paris-Saclay Building Overview



View of Floor 2 Operations

the company selected ICONICS automation software for its flexibility, open architecture, and ever-evolving nature in addition to the dynamism and responsiveness of the ICONICS' team.

ICONICS Software Deployed

- **GENESIS64™** HMI/SCADA Suite
- **Hyper Historian™** high-speed, reliable data historian
- **WebHMI™** thin client web-based visualization

Realized Benefits

The École normale supérieure Paris-Saclay has increased operational intelligence using ICONICS automation software that captures and uses dynamic real-time data. The highly improved visibility to all building systems allows the operations team to better monitor and control the school's buildings from one central control center. The ICONICS automation software also allows the operations team to better schedule and manage maintenance which in turn increases energy efficiency and asset health and life. Moreover, in case of any operational anomaly, the operations team receives alerts, so they can quickly and efficiently handle these issues resulting in reduced downtime.

Conclusion

The operations team of the École normale supérieure Paris-Saclay is extremely satisfied with ICONICS automation software. Besides meeting all the project requirements, the ease of use and the many benefits the software delivers have contributed to effective control and management of the buildings. In turn, this capability has improved building operations and maintenance. Lastly, ICONICS innovative design, high powered capabilities, and flexibility allow the operations team to continually improve the system.

“ICONICS' automation software offers many interesting features that allow us to constantly improve our system.”

Jean-Christophe DOREMUS
Heritage Director

