

VINCI ENERGIES

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<http://www.vinci-energies.com>

VINCI Energies forms the Energy division of VINCI group. The company offers a wide range of high value-added services in the space of energy and IT technology, covering 4 activity segments : Industry, Services, Infrastructure and Telecommunications.

VINCI Energies is composed of a dense network of 1,500 companies and brands deployed in the world, allowing it to offer solutions that are both local and global. The group employs 60,000 people in 38 countries. It had a turnover of 8.6 Billion Euros in 2011, of which more than 38% internally.

Background

- Replacement of existing Web filtering solution with a SaaS-based solution
- Looking for a solution easy to deploy on remote sites, anytime, anywhere
- Deployment for 28,500 users

Zscaler

selection criteria

- No agent on workstation
- Optimal coverage of points of presence around the world
- Efficiency of security protection against new threats

Implementation

- 2011 : deployment for 11,000 users of Cegelec
- 2012 : deployment for 28,500 users

Benefits

- Significant cost reduction
- Reduction of complexity of architecture and management
- Better overall Internet experience

Roadmap :

- Customizable reporting

Background

Early 2010, CEGELEC, an electrical engineering company, was reaching the end of contract for its existing Web traffic filtering solution, based on a complex infrastructure with about 40 Bluecoat proxy appliances and URL Filtering software from Websense. At this point, Cegelec was willing to study alternative solutions instead of simply renewing the existing one.

Quickly, the interest to opt for a Cloud-based SaaS (service) solution imposed itself, mostly because it would make it so easy to secure traffic from remote offices around the world, and because it became clear that this type of solution would allow major cost savings.

After a thorough comparison between 4 SaaS solutions available in the market, CEGELEC selected Zscaler. The Zscaler solution could integrate smoothly in CEGELEC IT environment, and allow deployment of traffic filtering anywhere, from anytime and for any device. By the end of 2010, the solution was deployed for about 11,000 users spread in 30 countries.

In 2010, VINCI Energies acquired CEGELEC. After careful study with alternative solutions, it was decided to extend the Zscaler solution, already working at Cegelec, to the whole VINCI Energies company. A total of 28,500 users were then to be secured by Zscaler.

Selection criteria for Zscaler solution

Zscaler was selected because it was the best SaaS solution to meet the company requirements in terms of :

- Integration with LDAP directory : without the need for any hardware or software on the LAN, or any agent on the workstation.
- World coverage : Zscaler cloud includes a large number of nodes, optimally covering VINCI Energies points of presence, not only in Europe, but also in China, Indonesia, Brasil, etc.
- Security : rich filtering functionalities, and protection against advanced threats, proved to be particularly efficient.

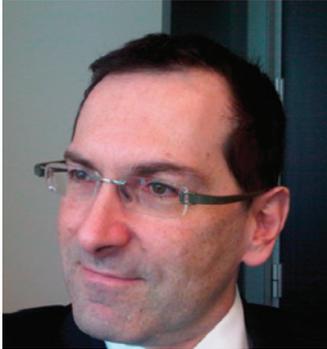
Implementation : from CEGELEC to VINCI Energies

Early 2011, the solution was working for 11,000 users of CEGELEC. By June 2012, it will be effectively deployed for the total population of 28,500 users.

Deployment delays have been due mainly to internal organization constraints, as the various entities forming the VINCI Energies group are essentially independent with regards to their IT management and budget. In parallel, 200 new Internet access points are to be opened, for a total of 500.

Benefits of the solution

The benefits for VINCI Energies are to be found in 3 dimensions: security and financial benefits for the company, easier life for the IT administrators, and better experience for the users.



Dominique TESSARO,
Chief Information Officer,
VINCI Energies :

« It was important to enhance the security of Internet connections for users of VINCI Energies, and to deploy a homogeneous solution », explains Dominique TESSARO, CIO of VINCI Energies. « Our objective was to achieve high performance and well secured internet access, while simplifying the architecture and its administration. We selected Zscaler because their solution can integrate smoothly with a company IT environment, and access to Internet is available anywhere anytime » he added

Benefits for the company : significant reduction of cost and complexity

- Access points to Internet can be deployed locally, upon demand, without additional cost for traffic filtering.
- Savings on private MPLS network: the Zscaler solution allows to take the Web traffic out of the MPLS links, which brings significant cost savings – if not by downgrading the link sizes, at least by avoiding having to keep increasing them.
- Savings on acquisition & maintenance costs: licenses for 3 years, savings on infrastructure (servers, proxies, maintenance).
- No infrastructure to deploy and grow as the Internet traffic increases. The scalability of the infrastructure becomes Zscaler issue, not that of VINCI Energies.
- Global savings of more than 33% compared to the previous investment.

Benefits for IT administrators : reduction in complexity of infrastructure and management

- Savings on administration: administrators can spend more of their time on strategic tasks, enforcing security policies and analyzing logs, without having to deal with low-level tasks linked to hardware maintenance and software patches.
- Software updates are deployed automatically by Zscaler, in real time for protection against new threats, without the need for IT administrator intervention.
- As a result, fewer workstations get infected by malicious content.
- Log retention for six months, totally managed by Zscaler.
- Homogeneous policy enforcement worldwide
- Reporting and analysis of logs, consolidated in real time, with ability to extract reports on individuals, groups, locations, URL category, type of threat, etc.

Benefits for users : better Web surfing user experience

- Web traffic filtering protects the users against security threats in a way that is transparent to them, while Internet access is available with high performance and total availability.
- Better performance for the users in remote countries – who can now surf from local Internet lines, avoiding the latency implied by transit via the MPLS network.

Roadmap

VINCI Energies has requested the ability to further customize their reports. This feature will be made available by Zscaler, together with a whole new admin UI scheduled to be available by the end of 2012.

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