

Press release

Green Datacenter opens Switzerland's first high-performance data center

After 12 months of construction, Green Datacenter AG is inaugurating the first high-performance data center for cloud operators, setting new standards in the process. At the same time, it is planning further growth.

Lupfig, September 17, 2019 – The largest data center location operated by Green Datacenter AG is growing. Another large-scale project by Green, the Zurich West 3 data center was opened today in the presence of Federal Councilor Guy Parmelin and numerous dignitaries. This means that the Lupfig campus has once again expanded considerably, taking the total gross floor area of the data center to 28,000 m². Green has invested about 70 million Swiss francs in the new construction.

Until now, Switzerland was lacking a data center that satisfied the requirements of international cloud providers with regard to power density, security and availability. Green has now closed this gap by creating the necessary capacities. With Zurich West 3, Green has increased the electrical power to 25 kilowatts per rack. In doing so, the company has achieved three and a half times more power than other installations that are currently common in Switzerland. At the same time, it has succeeded in limiting energy consumption at full capacity to a PUE value (Power Usage Effectiveness) of 1.19. Zurich West 3 is therefore one of the most energy-efficient data centers in its category. This is facilitated by airflow simulations, independent cooling systems for customers' data rooms and new cooling units.

Maximum security and numerous amenities

Green Datacenter has also invested in security. Eight security zones separate the campus from the customer data room. Access to the data center area as a whole is now controlled via a central gate house, which is manned by security staff 24 hours a day while several hundred cameras monitor all the installations. The data center also offers cloud providers all the amenities they are accustomed to with their own data centers. The access road with parallel ramps allows two trucks to be unloaded simultaneously in a secure zone. The western side of the building houses office space as well as dining and recreational areas for the staff of cloud providers. As Roger Süess, CEO of Green Datacenter, explains, "This means that Green provides a data center geared completely to the processes and criteria of national and international cloud providers. At the same time, we will also support companies on their journey into the cloud." For companies looking for proximity to the public cloud, Green provides direct connections and space in dedicated data rooms – and this applies not only to large-scale companies but also to SMEs. "I am proud to be setting a new benchmark in the Swiss data center industry and to be expanding our leading position," adds Roger Süess.

Outlook

After announcing the conclusion of preliminary planning for a new 16-megawatt cloud data center in April 2019, Green today presented the planning study for two further data centers. These make provision for expanding the Lupfig campus to a total of six independently operating data centers with a total gross floor space of 70,000 m². Franz Grüter, National Councilor and President of the Board of Directors of Green, firmly believes that, "The future lies in the cloud. With annual growth rates of over 30 percent, new capacities will soon be required. And we want to develop these in Lupfig, thereby creating an unparalleled ecosystem for cloud providers, partners and companies. Green Datacenter therefore plays a key role in making Switzerland a successful data hub."

Zurich West 3: Power on hand

[Download the performance characteristics](#)

Steel and concrete – the cloud's tangible infrastructure:

[Download all the facts about the construction](#)

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Interesting facts about Green Datacenter AG

Green Datacenter AG is one of Switzerland's leading providers of data center services. In Zurich and vicinity, the company operates five data centers on three sites. In 2019, a new 8-megawatt cloud data center was built on the Lupfig campus, developed specifically to satisfy the requirements of national and international cloud providers. Another three new constructions will expand the Lupfig campus even further in the future. These will reflect the growth of cloud providers. The associated planning studies were presented in September 2019.

As a full-service provider, Green Datacenter not only offers data center space and colocation services, but also IT infrastructure networking, deployment services, hands & eyes support services plus office and emergency workplaces. Companies in Switzerland, Europe and around the world put their faith in the security and availability offered by Green data centers. Green Datacenter AG belongs to [InfraVia](#).

For more information, visit: www.greendatacenter.ch

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