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What does Netflix, Video Conferencing, Bitcoin, TikTok, and …
have in common?

While they are almost magically consumed on your cellphones, tablets, TVs or laptops, they all come from physical hardware and to run they need energy.

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What does Netflix, Video Conferencing, Bitcoin, TikTok, and …
have in common?

Google estimates that an average search uses 0.3 watt-hours of electricity. So, one search is equal to turning on a 60W light bulb for 17 seconds. If 40,000 searches occur in a single second, that second alone uses 12 kWh

Mining a Bitcoin takes about 1,544 kWh to complete, or the equivalent of approximately 53 days of power for the average US household

6.1 kilowatt hours (kWh) of electricity. This is enough to drive a Tesla Model S more than 30km or power a lightbulb constantly for a month, or boil a kettle once a day for nearly three months

While they are almost magically consumed on your cellphones, tablets, TVs or laptops, they all come from physical hardware and to run they need energy.

YouTube can stream for three days on the energy it takes to make a DVD.

Skype, Teams, Zoom, Hangouts, etc. consume between 1-2GB per hour, for a group call between 6 people, that could generate 5-15GB of traffic and use 0.073-0.223 kWh of electricity. If you have 5.5 hours of VC, 5 days a week ≈ 6.1 kWh

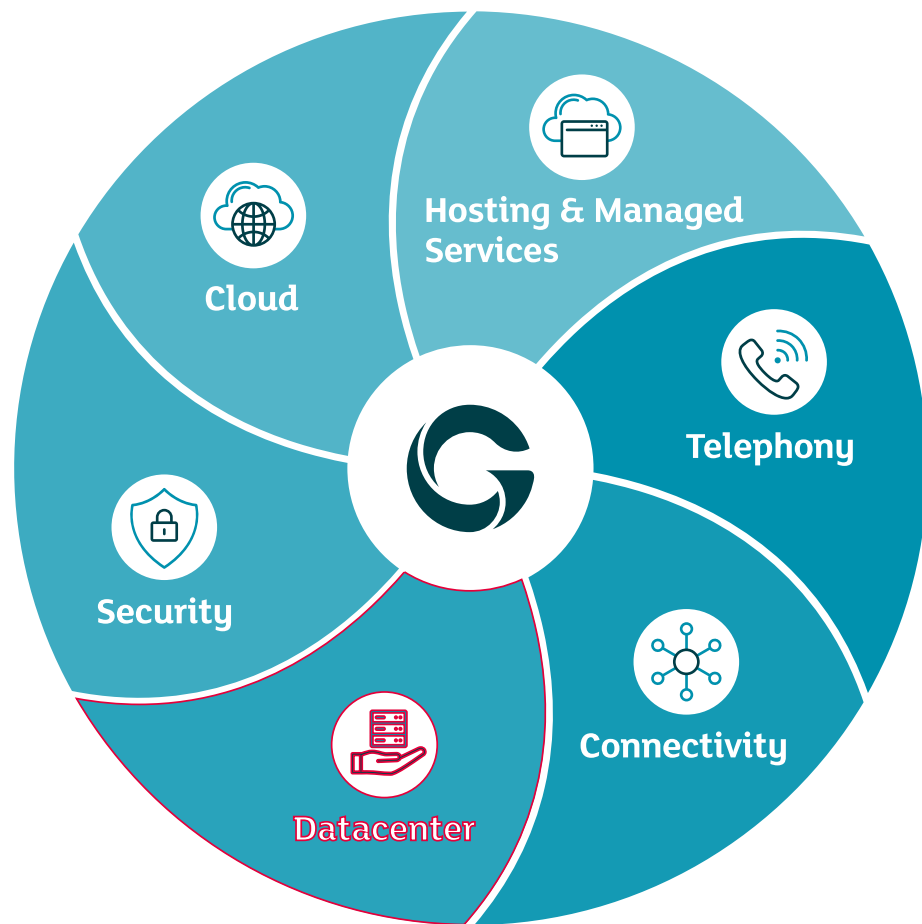Netflix disclosed that its total energy consumption in 2019 was 451,000 megawatt-hours — enough to power around 40,000 average American homes for a full year. Watching 1 hour equals 1.2km in a conventional car or 0.45 kWh

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«80% of all enterprises will have relocated their workloads to the cloud and to commercial data centers, by 2025.»
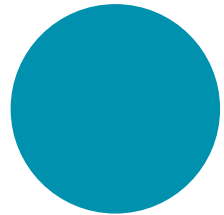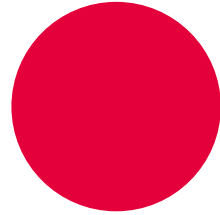
source: Gartner

Green offers 360° ICT Solutions

- Cloud
- Hosting & Managed Services
- Telephony
- Connectivity
- Datacenter
- Security

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Datacenter Overview

Campus "Zurich-West"

Campus "Zurich-Metro"

"Zurich-City"
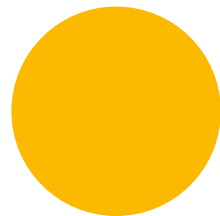

"Zurich-Nord"

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**Be Smart /
Clever Bewegen**

Think Ahead / Bewusst Weitsichtig
With a close view on the future,
*we combine innovative technologies with socially, ecologically
and economically sustainable actions*.
We are aware of our responsibility towards people
and nature.

**Create Trust /
Vertrauensvoll**

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Green is an obligation

What we do:

Make sure we run the facility as efficient as possible

- PUE < 1.1, while the industry is running at 2.0 or above
- Ruthlessly hunt any waste
  (heat recycling, optimize equipment, solar direct use)
- Continuous optimization (measure and automate)
- Use sustainable and propagate (solar, hydro, fusion)

What our clients do:

They can optimize their equipment, application architecture and with our help improve usage of the facility:

- Lifecycle hardware regularly
- Get a good heat distribution in the room
- Use application architecture which is efficient in its use of compute, storage and network
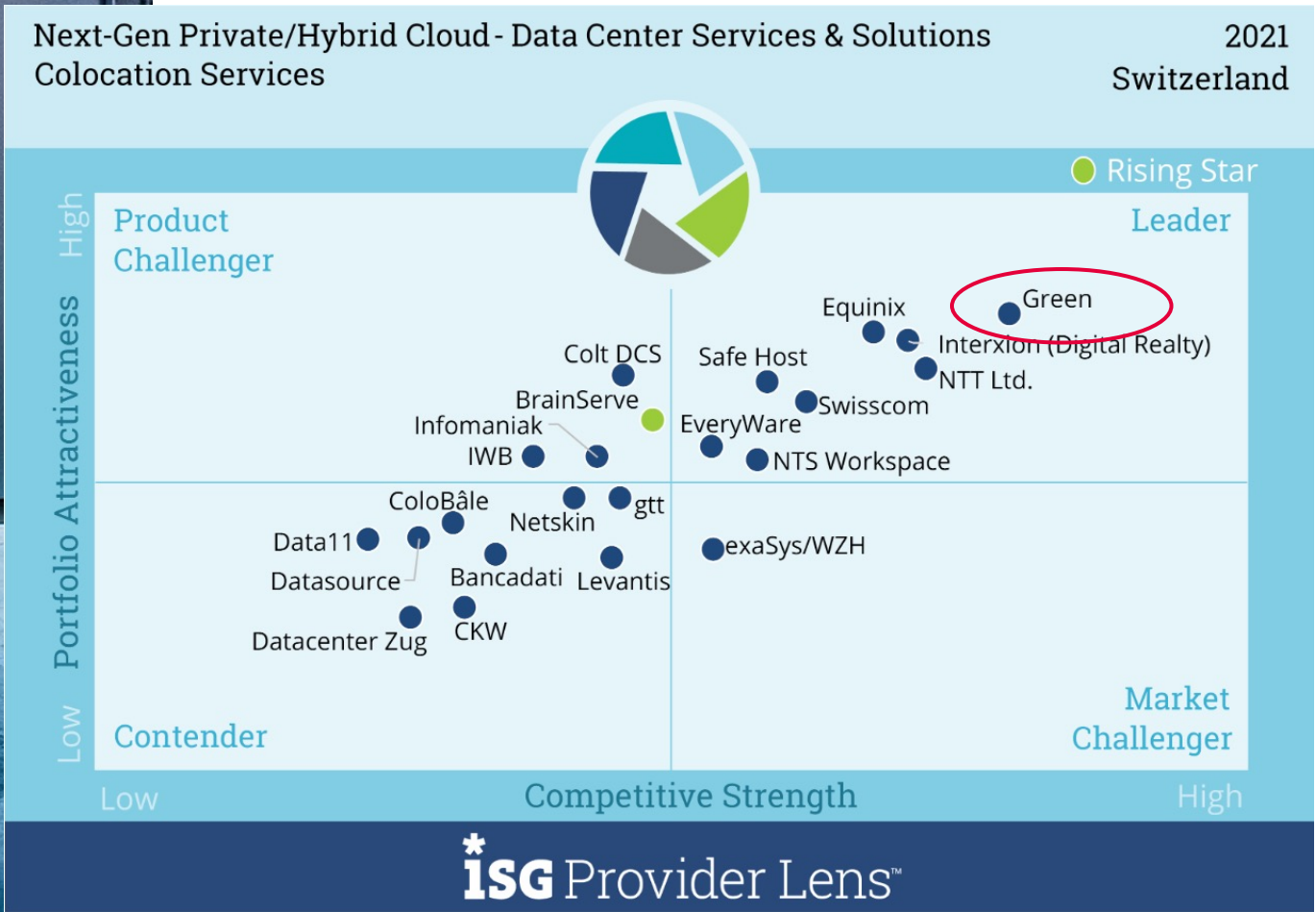
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Best DC provider in CH

Next-Gen Private/Hybrid Cloud - Data Center Services & Solutions
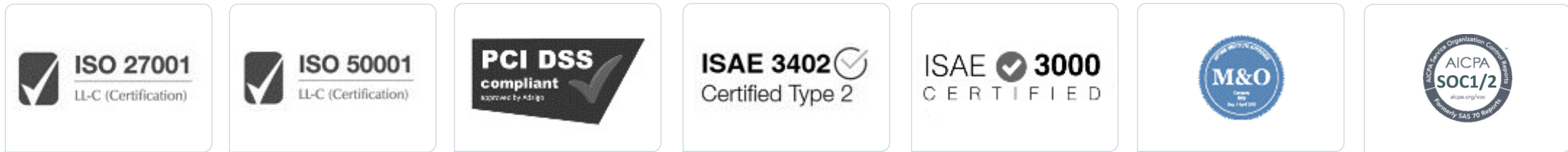Colocation Services

2021
Switzerland

Source: ISG Research 2021

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Certificates

Awards

ISG: Colocation-Leader
2020, 2021

BFE: Energy Efficiency

Swiss ICT: ICT Award

Overseas Data Center Service Provider Award
2020

We think ahead and
shape the digital future.

Together. Today.

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