

## SH4 Datacenter



### SHORT DESCRIPTION

Construction of a data center with main building, office complex, cooling systems, generator building, 2 power conversion buildings.

### THE PROJECT

After Geneva, Gland and Avenches, Safehost SA's fourth data center in Switzerland is now being built in Rafz. With the help of 5 high cranes and additional concrete pumps, the shell of the building was completed in record time.

### CHALLENGES

- Very short construction time with large construction volume (21.5 million in 6 months construction time)
- 18'000 m<sup>3</sup> of concrete are installed in 184 days
- Construction of high concrete and masonry walls and ceilings up to 7m
- Short lead times for planning and prefabrication due to short construction time
- Very high security requirements due to American security standards

- Linguistic challenge through English speaking construction management

## SUSTAINABILITY

- No specifications regarding sustainability requirements or labels
- Implenia implements high internal sustainability standards

## FACTS

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<b>Location</b>	Rafz , Switzerland
<b>Status</b>	completed
<b>Construction volume (value of our services)</b>	21.5 M CHF
<b>Start of construction</b>	January 2020
<b>Completion</b>	July 2020
<b>Contracting entity</b>	Safehost SA, Genf

## SERVICES

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Real Estate
Datacenter
Master building work



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<https://implenia.com/en/references/detail/ref/sh4-datacenter/>

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