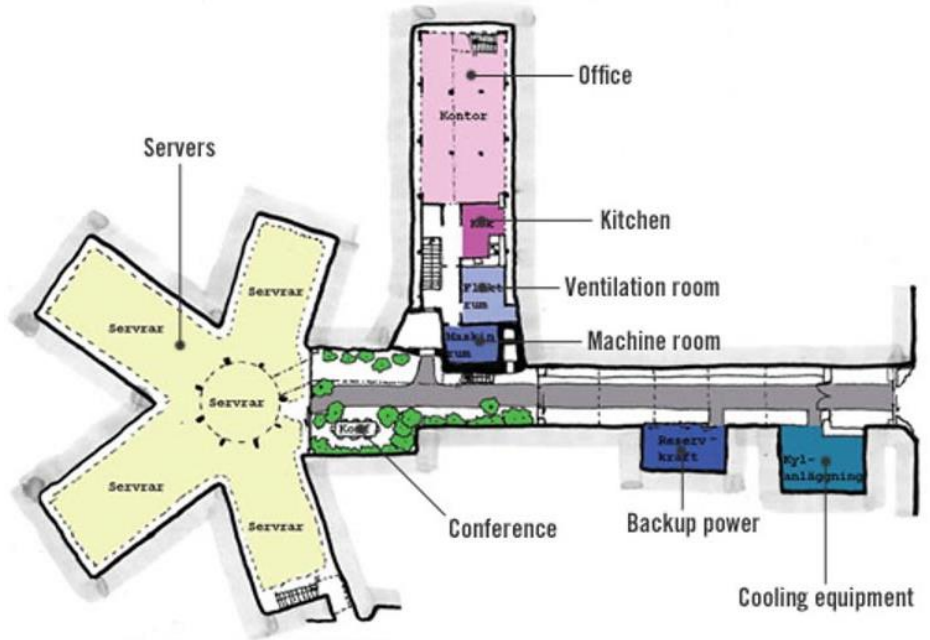


James Bond Inspired Datacenter



Why watch the movies when you can actually visit the lair..

[Jon Karlung](#), CEO at [Bahnhof](#), took inspiration from James Bond movies, Star Wars: The Empire Strikes back, Logan's Run, and Silent Running in converting a nuclear bunker in Stockholm, Sweden into the world's most physically secure datacenter. The front entrance can be reached only by tunnel, the doors are nearly [16 inches of steel](#), located below 100 feet of solid granite, and designed to withstand a hydrogen bomb. They kept its code name, [Pionen White Mountains](#).



The facility has simulated daylight, walls covered with plants, conservatories, man-made waterfalls, and massive saltwater fish tank. There is space for 6k servers and heat generated by servers is [recycled](#) to



heat the facility and area housing. Two German submarine engines serve as backup power.

Cooling- Baltimore Aircoil fans produce a cooling effect of 1.5 megawatts, enough for several hundred rack-mounted units. Cooling, cabling, and electrical wiring are under a 3.3 foot deep raised floor. The network has full redundancy with both fiber optics and extra copper lines. The center has an IT usable capacity of 800 kW. There are 140 cabinets with power density of 5.7 kW average per cabinet. The facility serves as a co-location hosting center. The facility previously hosted a couple of WikiLeaks servers, a source of controversy for others but not for Bahnhof, unwilling to bow to political pressure. A tour of the facility, hosted by CEO Jon Karlung, is available [here](#).

"It is possible to gather big data and analyze it, and receive amazing things and knowledge from it. However, these days it's possible to use this to shackle people. I guess you can say that there are so many things that happen in our lives online. And if you're in this—let's call it a closed 'universe'—there are a few, big, dominating players who plan out the rules in that universe. I think that this ultimately is a philosophical matter. Like, what is it to be a human being?"

[Jon Karlung](#), CEO, Bahnhof



"James Bond movies have also had an impact on the design. I was actually looking for the same outfit as the villain 'Blofeld' in Bond and even considered getting a white cat, but that might have been going a bit far!" [Jon Karlung, CEO, Bahnhof](#)

