

CASE STUDY

Alimak permanent industrial elevator provides essential access for data center in Ireland

An Alimak passenger and goods industrial elevator was installed in a hyperscale Data Center, to provide essential access to the roof, to ensure an uninterrupted IT data service.

The data center's critical plant machinery – which includes the climate control unit – is housed on its roof. It is essential to keep the building's internal temperature regulated to ensure the data center equipment doesn't overheat. Therefore, having 24 hour access to transport maintenance equipment to the top of the building is crucial.

The client required the elevator to be permanently installed to the outside of the data center, to allow materials to be transported to the building's roof in an efficient and safe manner. Being installed outdoors, it's important for the elevator to withstand all types of weather, which all Alimak industrial elevators do.

Recognising the benefits of Alimak products, the client opted for a permanently installed Alimak industrial elevator. Its robust and durable design and 2,000 kg capacity meant it was the ideal solution for this project.

Alimak's range of vertical access solutions are ideal for many applications, including data centers. Using rack and pinion technology removes the requirement of an elevator shaft allowing the Alimak industrial elevator to be easily retrofitted to an existing building or incorporated into a new build.

Alimak rack and pinion technology has the unique benefits of both quick and easy installation time.

Alimak industrial elevators eliminate the need for climbing stairs, enhancing safety and efficiency. Suitable for both indoor and outdoor applications and suitable to carry persons with or without goods, or goods alone.



ELEVATOR DETAILS

Location:	Ireland
Application:	Data center
Elevator type:	Rack and pinion
Elevator model:	Alimak Scando Special
Capacity:	2,000 kg
No. of landings:	2
Lifting height:	8 m