



Reference project:
The giant “Flight of the Demons” roller
coaster is equipped with escape route
technology from effeff

 **effeff**
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ASSA ABLOY, the global leader
in door opening solutions

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“Flight of the Demons” – the latest attraction with security technology from ASSA ABLOY



Bernd Schöler, Project Manager Heide Park Resort:
“The safety of our guests and employees is extremely important to us.
And escape route technology from effeff plays a major role in ensuring it.”

Characteristics

Object:	“Flight of the Demons” roller coaster, Heide Park Resort, Soltau
Branch:	Recreation
Track length:	772 metres
Speed:	up to 100 km/h
Investment sum:	€ 15 million
Capacity:	1,060 guests per hour
effeff components:	Escape route technology

Challenge

Heide Park Resort in Soltau is northern Germany’s largest family recreation part and offers countless ways to spend an eventful day – in the middle of an 850,000 square metre park landscape in the Lüneburg Heath. Visitors of all ages seeking thrills and entertainment can choose their own adventure from over 50 attractions and shows. The latest attraction is a gigantic new Transylvania-themed roller coaster which provides a unique flying feeling: “Flight of the Demons”, Germany’s first wing coaster,

which is sure to leave even the bravest passengers completely disoriented headlong in flight.

Needless to say, this ride puts great demands on its escape route technology: On one hand, the doors in the escape routes have to be easy to open from the inside without any outside means of assistance. On the other hand, it is absolutely essential to prevent the emergency exits from being misused.

Solution

Heide Park Resort has chosen escape route technology from effeff to protect its escape routes from misuse. The escape gates in the waiting area are locked with a holding magnet in addition to a normal lock. In the event of an emergency, the door can be opened using the emergency open button on the escape route terminal, which is installed next to the door.

The need to push the emergency button with an audible and optical alarm provides an extra psychological barrier against misuse and also prevents unintentional use. In addition, the system is monitored by a central display and operating panel which is installed in the roller coaster’s control station.

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