



## In short

### The challenge

- Improved perimeter security for both the Data Centre itself as well as management of access and egress of the site.
- Ensuring harmonious synergy between the Heras Security Installations and incumbent alarm systems.
- Ensuring continuity.

### The approach

- Security needs identified by BIT.
- Products from Heras- Installation and advice by Heras.

### The solution

- Security of perimeter with bar fence and Electric fence.
- Installation of five sliding gates.
- Advice on the successful interconnection of security systems with existing alarm systems.

# BIT data centre guarantees continuity thanks to impressive site security

Datacenter BIT takes care of the IT and internet infrastructure of companies. BIT was looking for effective site security, so that the site cannot be accessed by intruders. Together with BIT, Heras provided a suitable security solution.

## The challenge

BIT is a business internet service provider with its own data centre in Ede. BIT provides the backbone of customers' IT and internet infrastructure, including colocation, internet connections and managed hosting. "The continuity of our services is the most important thing for our clients", says Robert Korteweg, Datacenter Engineer at BIT. "Whatever happens, their infrastructure must remain intact. Matters such as power supply, cooling and security play a major role in this. Security is not just about protecting customers' data, but also about other things, such as emergency power generators on site. That is why we were looking for an expert who could secure our

premises so that intruders would not have a chance of reaching our buildings and the data."

## The approach

BIT itself had a clear picture of the security needs. "There was already a fence around our data centre, but it was too low," explains Korteweg. "The intention was for the site security to slow down and deter intruders. That's why we wanted a higher fence and an even higher Electric fence behind it. We also wanted to link everything to our existing alarm system. That had to be done properly, so we were looking for a solid party with an established name in the security market. That is how we soon ended up with Heras. "

## The result

A high fence as a demarcation and Electric fence to discourage intruders provide an effective first line of security for the site.

Through controlled access, BIT always knows who is on the premises. Surely someone is entering the site undesirably? In that case, a message is immediately sent through the link between the security installation and the alarm system.



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- Robert Korteweg, Datacenter engineer, BIT -

Heras and BIT together tested the security needs of the data centre. Robert Korteweg: “Heras looked at the situation on site. We then discussed the approach for the entire project. The security solution was then installed. Heras reused some parts of the existing fence. That all went very neatly. The communication during the installation of the security solutions also went very well. All points of attention were discussed and tackled immediately”.

### The solution

BIT’s data centre is now secured by a two metre high bar fence with an imposing Electric fence two and a half metres high behind it. Heras also installed five sliding gates, one of which is exclusively for pedestrians. “The gates have fast drives,

so that we can give our customers quick access to the site”, says Robert Korteweg. “No one enters our premises unseen either. Prospects, customers and suppliers must always be registered before entering the site. This ensures that we always know who is on our site. In addition, the security system is linked to our alarm system; reports from that system go straight to an incident room”.

The Electric fence still presented some challenges after completion. Korteweg: “After a while malfunctions occurred, causing our alarm system to go off at haphazard moments. Heras took these problems seriously and solved them adequately.”



## Security of the perimeter

### List of products:

- [Bar fence](#)
- [Electric fence](#)
- [Sliding gate](#)

The data in the data centre and the hardware on the BIT site are now fully secure. "When you see our data centre, the security installations are impressive first deterrents," says Korteweg. "That is of great value to us. Not only does it repel intruders, it also shows our customers that

we take the continuity and security of their data seriously. In this way, the security of the site contributes directly to our promise of uninterrupted service to our customers".

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