

Better protection for critical infrastructure: DKE presents draft for perimeter protection pre-standard

- **From open-air baths to airports – E DIN VDE V 0826-20 describes quality benchmarks for operators, planners and installers of perimeter protection systems**
- **Detect unwanted access at an early stage to gain time for intervention**
- **Perimeter security offers solutions for a wide range of attack scenarios**

(Frankfurt a. M., 17.01.2023) Perimeter security systems (PSS) are deployed directly at the property boundary and are central to securing critical infrastructure in particular. They are designed to help better protect properties by detecting unwanted access as early as possible. The tasks are diverse and range from outdoor swimming pools to prevent vandalism to securing airports or industrial parks.

The DKE Perimeter Protection Working Group is now providing important quality benchmarks for operators, planners and installers of PSS. The draft of the pre-standard E DIN VDE V 0826-20 was officially presented at the Perimeter Protection trade fair in Nuremberg. It is considered a milestone on the way to high-quality perimeter security solutions.

Radar technology and drone detection

Perimeter protection uses mechanical and electronic systems through to radar technology and drone detection, offering solutions for a wide range of attack scenarios. The key advantage is the response time gained for intervention measures through early detection in the perimeter. "Events such as the blockade of airports or the sabotage of railroad or energy infrastructure show that protection in front of and at the perimeter should be an elementary building block of every security concept," says Jürgen Schiller, chairman of the DKE Perimeter Protection Working Group.

With the pre-standard, DKE wants to create a framework to help operators and installers of PSS to define and document requirements. In this way, planners will be helped to find suitable solutions for their protection goal and the associated risks. The aim is to fulfill all normative requirements and make the investments sustainable.

About DKE

The DKE German Commission for Electrical, Electronic & Information Technologies of DIN and VDE as a joint organization of VDE and DIN (DKE) is the national platform for about 9000 experts from industry, science and public administration to elaborate standards and safety specifications for electrical engineering, electronics and information technology. Standards support global trade and, among other things, the safety, interoperability and functionality of products and systems. As a competence centre for electrotechnical standardization, the DKE represents the interests of German industry in European (CENELEC, ETSI) and international standardization organizations (IEC). In addition, the DKE provides comprehensive services in the field of standardization and VDE specifications.

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The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit www.vde.com

Press contact: Vanessa Rothe, Phone +49 170 7645316, presse@vde.com