



DEHN Engineering Services

We plan for you

Lightning and surge protection is becoming increasingly important in the design and implementation of modern building projects. The requirements for protection concepts are growing – the development process is getting more complex and time-consuming and demands precise calculations.

DEHN Engineering Services will ensure that your projects are delivered reliably, economically and sustainably. Our experienced engineers create your protection concept. You save time and resources.

Your benefits at a glance

- **Available around the world**
at all DEHN locations
- **Technical know-how**
thanks to decades of experience and international expertise
- **Comprehensive**
support for every stage of your project
- **Tailored**
to the requirements and budget for your project
- **Standard-compliant**
to meet requirements of specific countries
- **Flexible**
can be ordered as a complete package or partial services

Explanatory video:
Lightning and surge protection made easy – here's how it works.
<http://de.hn/5mNnt>



Step by step to your protection concept



project request



offer



project meeting



design



final project handover

5 service areas. Comprehensive support.

All these services from a single source – only from DEHN:
We're here to support your project with these and other services.

Find out more on our website:



On-site services

3D laser scanning

Precise digital modelling to form the basis for planning and simulation

On-site as-built surveys and project consultations

For recording and assessing the existing conditions of your building

Risk assessment

Lightning protection risk assessment

Calculation according to IEC 62305, including report and measures

Wind turbine risk assessment

Specific analysis and recommendations for protection

Simulation

Enhanced lightning protection simulation

Simulation of behaviour in the event of a lightning strike and risks

Calculation and simulation of the high-voltage interference

Recording and preventing disruption to pipelines

Planning

Lightning protection concept

Standard-compliant implementation, including 3D models, CAD drawings and bills of materials

Surge protection concept

Tailored to power supply and IT systems

Safety Equipment

DEHNarX – arc fault protection concept

Assessing the arc fault risk, recommendations and measures

