



Lightning Protection

EA Technology undertake impartial lightning protection studies to ensure compliance with the latest regulations: BS EN 62305 Parts 1 to 4. The resultant risk assessments generated are for specific structures, ensuring an optimum balance between cost and risk mitigation when lightning protection systems are deemed necessary.



1. Site Audit

EA Technology audit each building / structure on site in order to review for their construction, the existing lightning protection afforded to them and to establish whether present arrangements for lightning protection are satisfactory in relation to achieving compliance with lightning protection standards BS EN 62305.

2. Risk Assessment

EA Technology carry out detailed risk assessments for each structure audited on site. The details of the audit are combined with historical strike data collected by our Lightning Location System and considers the geographical location of the site. The risk of loss of human life, loss of service, loss of cultural heritage and loss of economic value can all be separately calculated and compared to the tolerable level of risk defined in BS EN 62305.

3. Recommendations

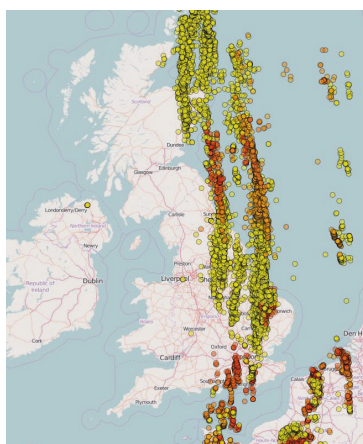
EA Technology combine the information gathered in Step 1 and 2 to provide a detailed report outlining the areas or structures on the site where lightning protection is required and providing recommendations for the most appropriate lightning protection system, based on our analysis of risk.

Benefits

- Ensure compliance with BS EN 62305
- Identify structures and existing systems where remedial work is required
- Minimise risk to assets and personnel
- Bespoke systems to maximise value

Why protect?

- Globally, there are about 44 lightning strikes every second
- Lightning can reach temperatures of 30,000°C
- Between 1988 and 2012, 47 UK fatalities due to lightning strike
- Lightning strikes are a major cause of electrical failures in industrial, commercial and residential properties



Lightning Location and Alarm Service

EA Technology offer a live lightning location system, receiving real time information, following the progression of an incident to stay up to date with its movement and severity. The system is widely used by the electricity industry to ensure the safety of personnel and prepare for potential damage to assets.

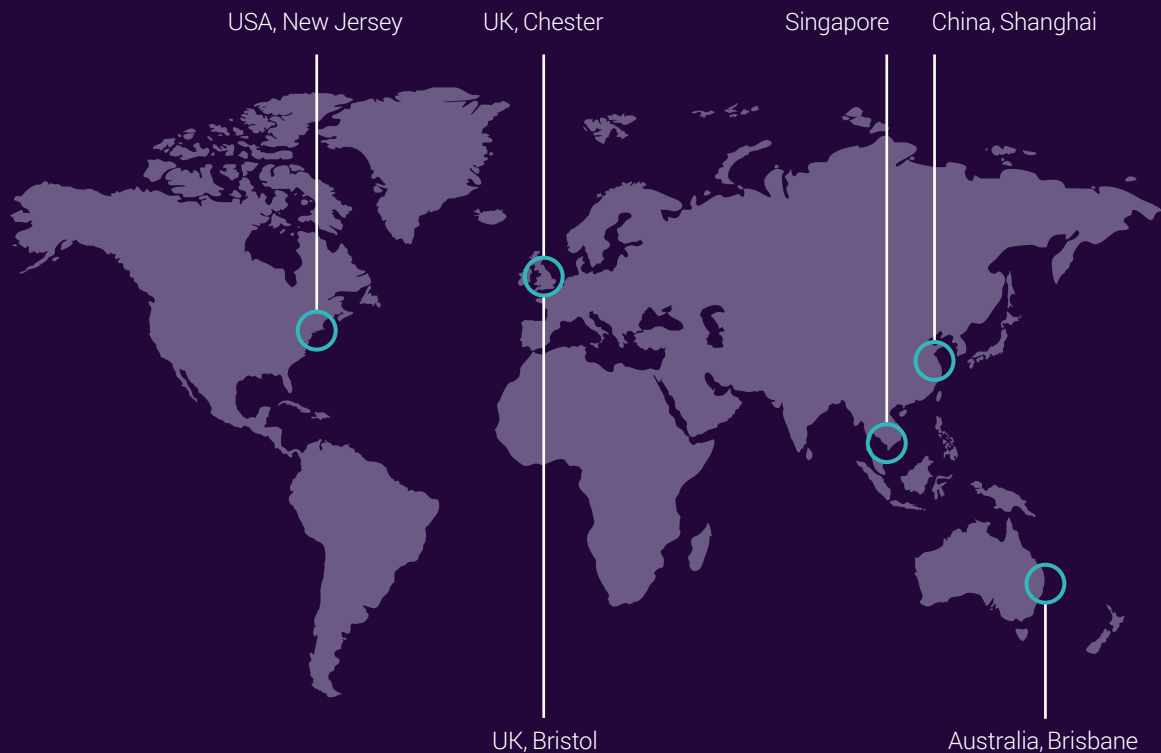
EA Technology also offer a bespoke lightning alarm service to provide industrial users with sufficient time to enforce safety procedures to further protect assets and personnel.

To book your demonstration or to get further information and advice please contact us on +44 (0) 151 347 2376 or email sales@eatechnology.com / www.eatechnology.com



Global Footprint

At EA Technology we specialise in asset management solutions for owners and operators of power network assets.



Founded in 1966 we have over 50 years' experience in the industry and 6 regional offices around the world to support our global customer base.

We help clients to safeguard their networks. Advising them on strategy and implementation of a range of technology solutions to manage power assets, delivering maximum life and minimising cost.



Safer, Stronger, Smarter Networks

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