



# ***LPI Lightning Warning System***

LIGHTNING PROTECTION INTERNATIONAL PTY LTD

**LPI**<sup>®</sup>

### LIGHTNING PROTECTION INTERNATIONAL PTY LTD

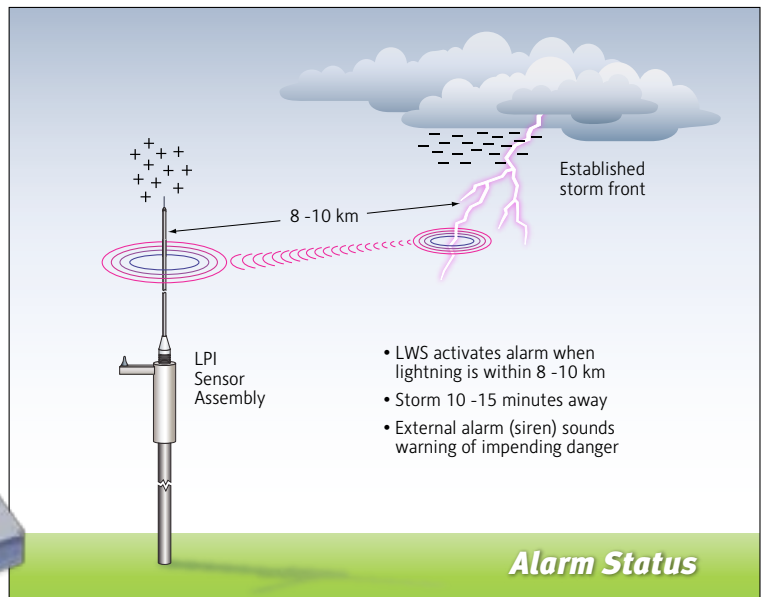
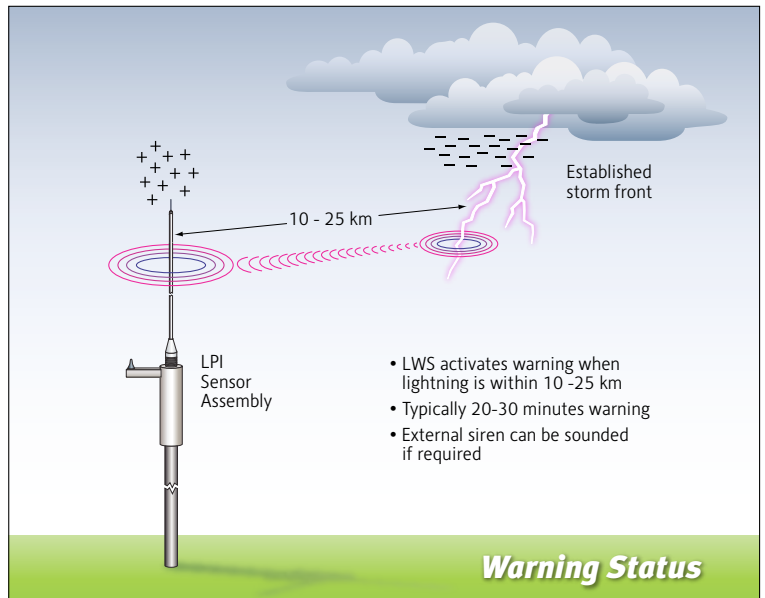
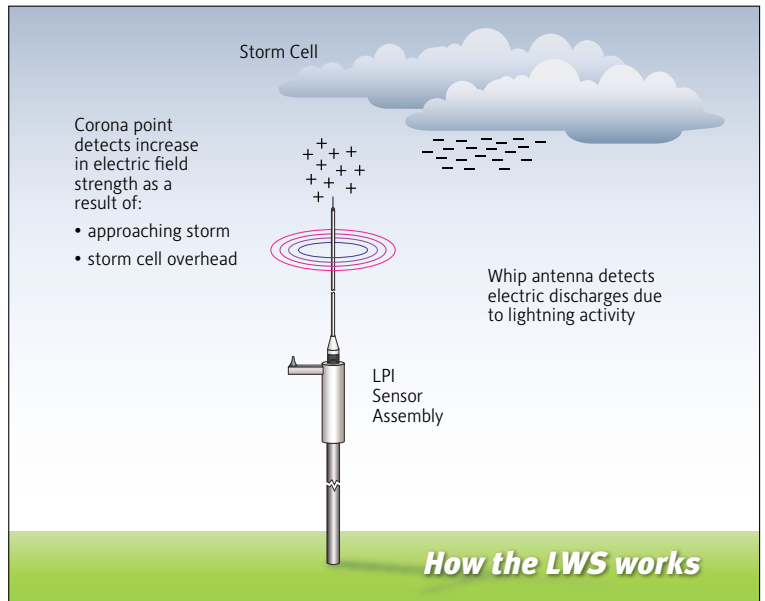
Lightning Protection International Pty Ltd is a fully owned Australian manufacturer and supplier of direct strike lightning, surge and transient protection equipment and earthing products to a wide range of industries throughout the world.

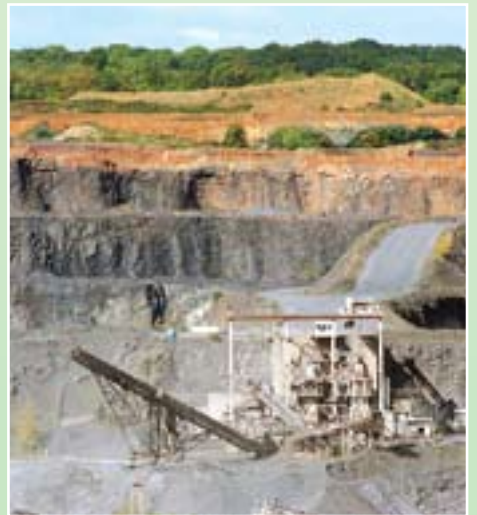
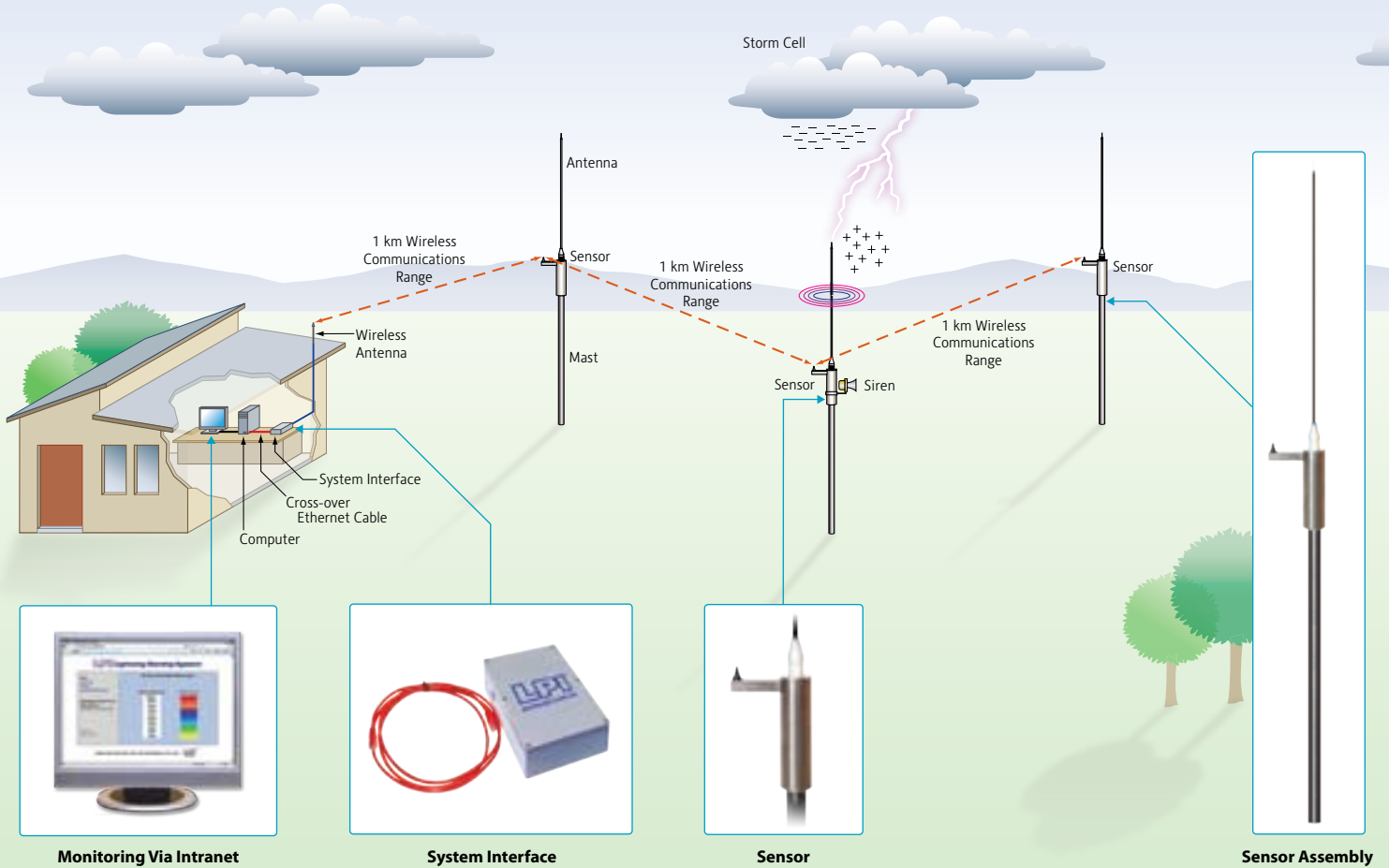


### LPI Product Offering

Lightning Protection International Pty Ltd offers a comprehensive range of products and services as part of its complete solution to your lightning problems. These products cover Direct strike protection, surge and transient protection and earthing solutions.

- Stormaster range of ESE Air terminals, compliant to NF C 17-102
- Guardian Lightning Protection System 5, tested to IEC 60-1:1989
- Lightning Warning System
- Conventional lightning protection
- Surge and Transient protection products for power lines
- Surge and Transient protection products for data, communications signal lines
- "EXOWELD" range of exothermic welding products for the connection of earthing conductors
- Earth rods and accessories
- Earth Enhancing Compounds for the lowering of soil resistivity





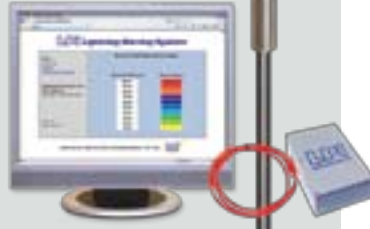
# COMPREHENSIVE LIGHTNING AND SURGE PROTECTION SOLUTIONS

## Lightning Warning System:

LPI offers two alternative packages for the LWS MKIII.

- **Package A.** 1 x Sensor and antenna assembly (6-12V DC Power supply), console and siren.
- **Package B.** 1 x Sensor and antenna assembly (6-12V DC Power supply), solar panel power supply for sensor, console and siren.

Customized systems using multiple sensors can be configured to suit customer requirements. Consult the LWS MKIII Technical Data sheet for complete technical specifications.



## Direct Strike Protection:

- Stormmaster ESE compliant to NF C 17-102 Standard for structures < 60m
- Guardian System 5 with CAT air terminals, tested to IEC 60-1:1989
- HVSC downconductor for use internally or externally on structures.



## Mains Power Protection:

- Main or Sub Distribution Boards
  - 1 phase supply 220-240V = 1 x SST150 and 1 x NE100
  - 3 phase supply 400V LL ( $\leq 125A$ ) = 3 x SST150 and 1 x NE100
  - 3 phase supply 400V LL ( $> 125A$ ) = 3 x SGT50-25 and 1 x NE100
- Sensitive electronics, consider the use of LPI Surge Filters.



## Telecom Protection:

- Digital lines (ISDN, PCM, ADSL) = VHS-K10-70 / VHS-K10-230
- Analogue lines = TLP-K10
- Data Lines = DD and DB Range
- RF Feeder / Coax Protection = RF Range



## Earthing:

Comprehensive range of earthing materials and earthing improvement compounds including RESLO and GRIP.

A wide range of Exoweld exothermically welded joints for solid and reliable equipotential bonding, and jointing of earthing conductors, TEC where applicable.



**LPI** proudly services customers from the following countries:

- |              |              |             |               |                    |                |                  |
|--------------|--------------|-------------|---------------|--------------------|----------------|------------------|
| • Australia  | • Colombia   | • India     | • Mainland    | • Nigeria          | • Saudi Arabia | • UAE            |
| • Bahrain    | • Costa Rica | • Indonesia | • China       | • Oman             | • Singapore    | • United Kingdom |
| • Bangladesh | • Ecuador    | • Iran      | • Malaysia    | • Papua New Guinea | • South Africa | • USA            |
| • Brunei     | • Fiji       | • Japan     | • Maldives    | • Peru             | • Sri Lanka    | • Vanuatu        |
| • Burundi    | • Guatemala  | • Kuwait    | • Mauritius   | • Philippines      | • Taiwan       | • Venezuela      |
| • Cambodia   | • Haiti      | • Laos      | • Myanmar     | • Qatar            | • Thailand     | • Vietnam        |
| • Chile      | • Hong Kong  | • Macau     | • New Zealand |                    |                |                  |

## Disclaimer

- LPI maintains a policy of on-going product development, specifications are subject to change without notice.
- Application detail, illustrations and schematic drawings are representative only and should be used as guides.
- It should be noted that 100% (100 percent) protection level for direct strike lightning, lightning detection and surge and transient protection equipment is not possible and cannot be provided due to the lightning discharge process being a natural atmospheric event.

Distributed by:

# LPI®

**LIGHTNING PROTECTION INTERNATIONAL PTY LTD**

ABN 11 099 190 897

PO Box 379 Kingston Tasmania, Australia 7051.

Telephone: + 61 3 6227 1955

Facsimile: + 61 3 6229 1900

Email: info@lpi.com.au

Web: www.lpi.com.au