MÉTÉORAGE

CATS
Lightning Data
Processing Software

The CATS service platform

A real toolbox for the production of services and user management, CATS is an integrated system designed by Météorage to improve the usability of lightning data.

Services

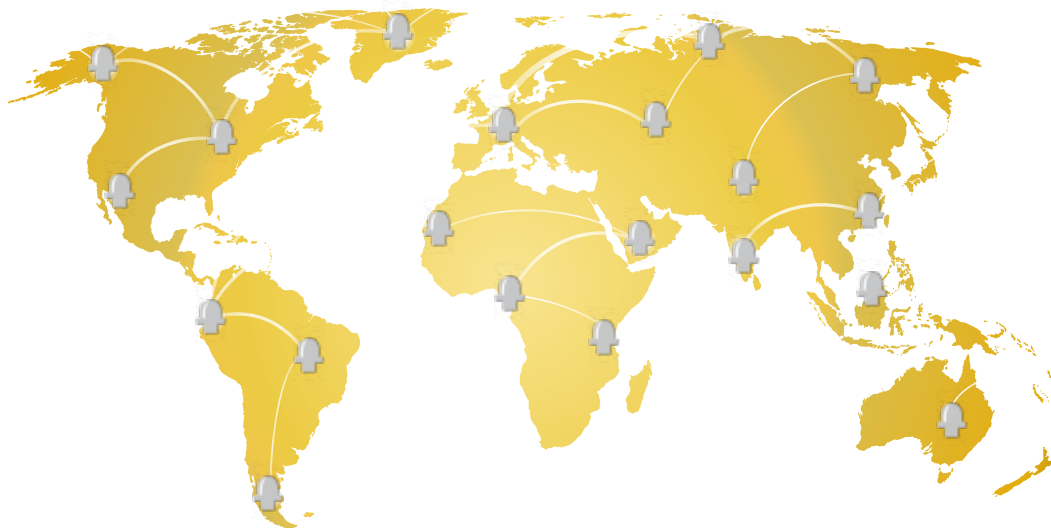## The acquisition of lightning data

CATS can connect to any lightning detection network.

You already have a lightning detection network:

Add a CATS platform to make the most of your data, produce lightning services and respond to lightning-related information needs in an appropriate manner.

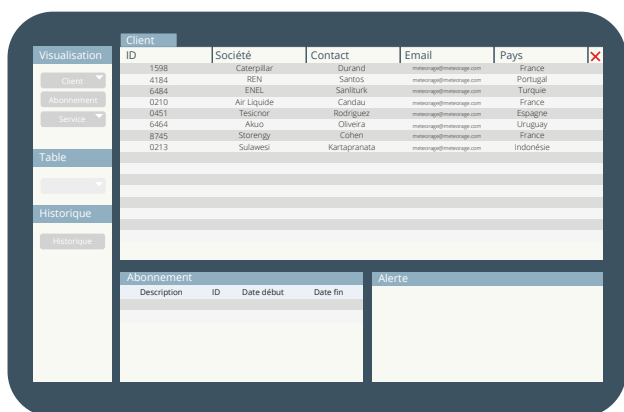**You don't already have a lightning data source:**

Benefit from a CATS powered by GLD360 global network data, or contact us for the installation of a complete turnkey network.

User management with CATS

CATS is equipped with a management tool handling user accounts and the lightning services associated with each account.

These accounts can be made accessible via a simple web browser, including outside the customer's local network. Reporting tools enable the administrator to monitor the uses and track any particular event, such as a user connection or the processing of an alarm message.
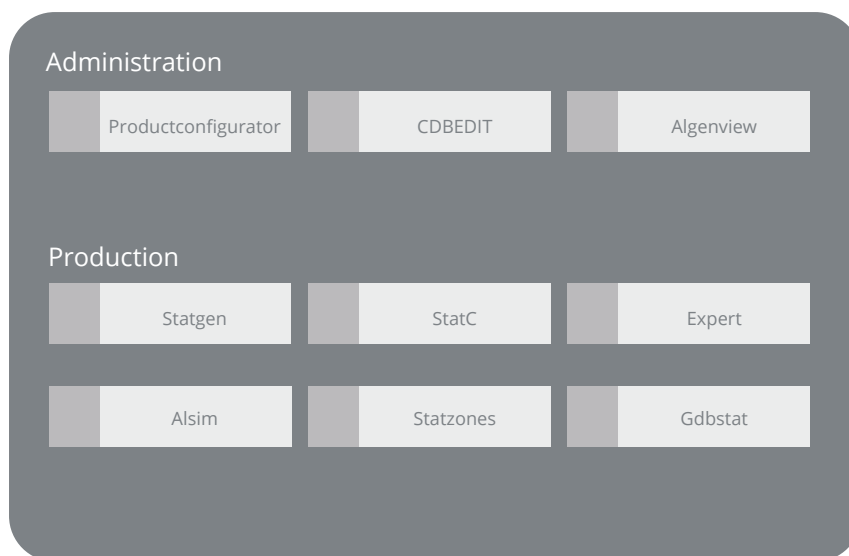

User Manager

User space

In addition to being able to manage users and their services, you have access to complementary tools in the CATS portal to respond to specific requests.

Administration

| Productconfigurator | CDBEDIT | Algenview |

Production

| Statgen | StatC | Expert |
| Alsim | Statzones | Gdbstat |

CATS Portal

In addition to being able to manage users and their services, you have access to complementary tools in the CATS portal to respond to specific requests.

Main services available with CATS

⚡ Real–time services

Follow the evolution of thunderstorms and their severity (lightning jump), thanks to real time observation interfaces of lightning strikes and convective cells with nowcasting information.

Anticipate an imminent thunderstorm risk to better protect people and infrastructures. This alarm system is completely configurable, enables mass distribution and has proven operational effectiveness.

⚡ Past–time services

Evaluate the risk for a site or a geographic area through lightning statistics: maps (grids, administrative entities, specific infrastructures, etc.), values (lightning density, intensity analysis, etc.).

Produce lightning activity reports, on a case-by-case or automated basis, to check the integrity of a site or confirm the cause of an accident after a thunderstorm.

⚡ Data flows

Integrate lightning data into other tools using different feeds (Websocket, file transfer, API, WMS, etc.).

We are partners

✓ **A solution adapted to different business models** (separate purchase or integrated into a network project, revenue sharing).

✓ **Training** and support for the implementation of the services.

✓ **Support** in the developpement of uses.

✓ Provision of **personalized services.**

A tool adapted to all needs

The CATS system allows you to meet the different needs of each end-user with adapted services.

- Forecasters and climatologists
- Civil protection
- General public and the media
- Aviation and Defense
- Infrastructures
  (electricity grids, telecoms, rail, ports...)

- Insurers
- Industrial sites
- Wind and Solar
- Other sites with outdoor activities
- Outdoor events

MÉTÉORAGE

Contact us!

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