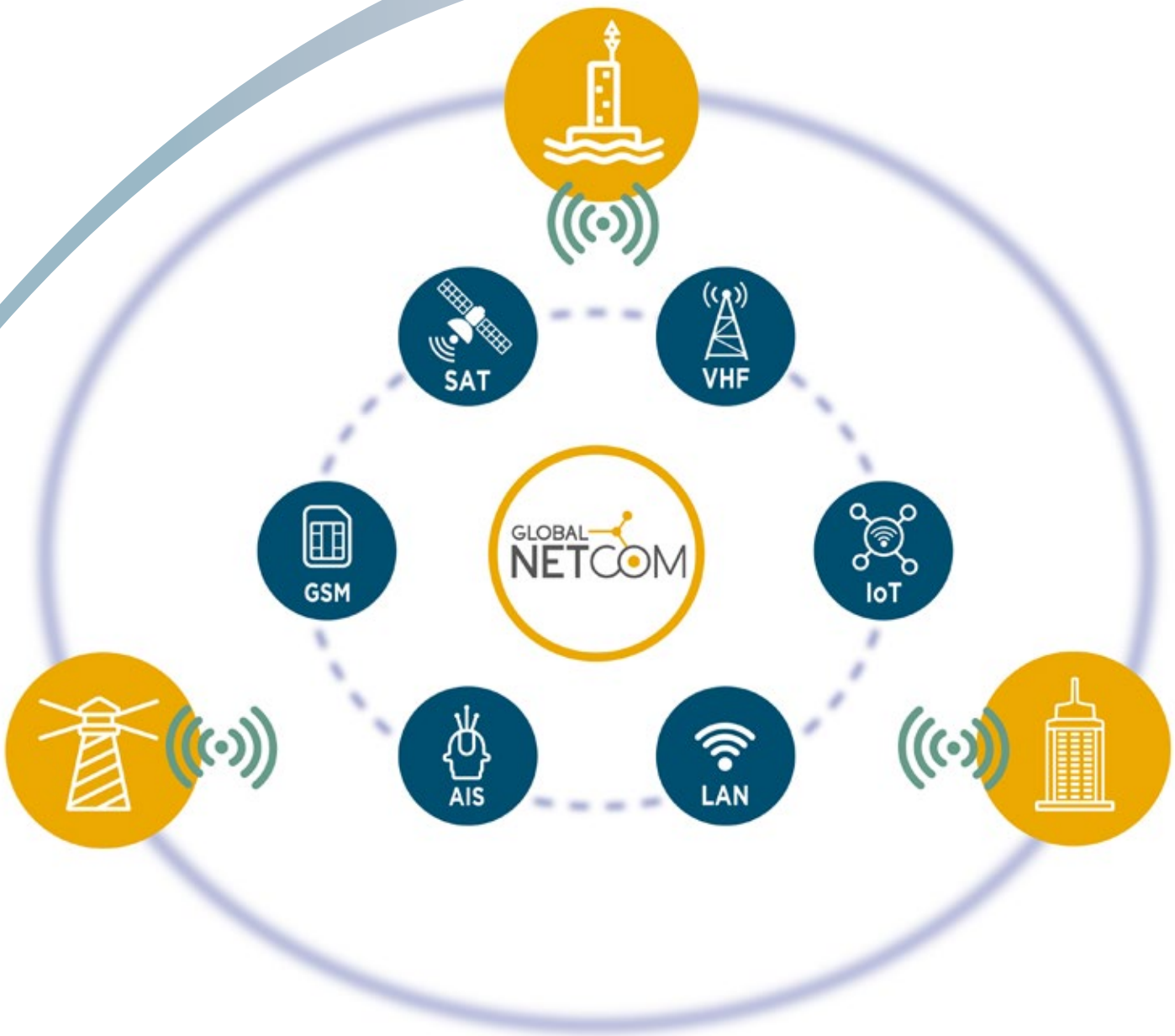
GLOBAL NETCOM

MSM

Your AtoN under control in a single-click

Global Netcom (web application) is a software designed to **monitor and remotely control** the operating status of beacons, lighthouses and buoys through all the most common telecommunications channels **(Radio, GSM, Satellite, IoT, ADSL, Wi-Fi, fibre optics or AIS).**

Developed as a web server application, it allows users to monitor their beaconing system from any desktop or laptop PC with an Internet connection.



GLOBAL NETCOM

Discover all the advantages

1 Remote monitoring and control in real time

Control and manage the status of the beaconing network in real time through an intuitive interface to act immediately in case of any incident.

2 It shows the annual service availability percentage of the beacon

The application **automatically calculates as a percentage the operation time of a beacon over one year period,** showing if the AtoN meets the availability objective recommended by the IALA, set at 99.8% for AtoNs rated as Category 1.

3 Web App Access

Global Netcom works as a web application, it is not required to have the program installed, so that anyone with a username and password can access Global Netcom from anywhere on the planet.

4 Access levels management

Configure different levels of access for each particular user as account administrator or user application by editing different permissions and privileges according to the role assigned.

5 Multilingual

Global Netcom **can be edited in any language** to make it more user-friendly internationally.

6 Early detection warning system

The user detects if any of their AtoN requires attention **at a glance** thanks to an interactive GIS map where not only the location of the AtoN is displayed, but also warns through color codes if they are working correctly or there is any incident.

7 Custom settings

It is a flexible software that allows users to edit and configure the different protocols according to the customer's requirements and needs.

8 Downloadable databases

It allows the consultation, management and download of data thanks to its storage in database systems such as ORACLE, MySQL, SQL SERVER among others.

9 Data graphs

Global Netcom **shows relevant data of the AtoNs** that make up the beaconing network to anticipate failures or detect anomalies: battery voltage, current consumption, the time the beacon is turned on and off, etc.

10 An intrusion alarm system can be enabled

Global Netcom, in addition to being used as a monitoring system for AtoN equipment installed in a lighthouse, **it can operate as a video surveillance system in the event** of a possible intrusion in the lighthouse facilities, since it allows to enable new tabs for the real-time visualization of images captured by the security cameras installed in the lighthouse.