



OCEAN TELEMETRY

Positioning & data collection
solutions for operational
oceanography



Global, multicompatible,
one-stop-shopping services

Satellite Telemetry Services

Global coverage, compatible with all platforms & manufacturers

ONE STOP SHOPPING FOR ARGOS & IRIDIUM® SERVICES

ARGOS & KINEIS

Data collection, Backup tracking solution, Doppler positioning (GPS-free), Unlimited data plan

IRIDIUM & IRIDIUM NEXT

All Data & Voice services (SBD, RUDICS, CSD, PILOT, VOICE), and the new CERTUS service Real-time & Bi-directional solution, value added services

RECOVERY SOLUTION

Field equipment (goniometer)

THORIUM X

Rugged Android tablet, integrated satellite modem, real-time data access

30 + YEARS OF EXPERIENCE PROVIDING OCEAN MONITORING

Marine & environmental scientists rely more than ever on satellite systems to collect in-situ data. New generations of instruments that produce more complex and voluminous data streams are deployed in critical areas, reporting at higher frequency, or relying on an interactive link with remote servers for mission control.

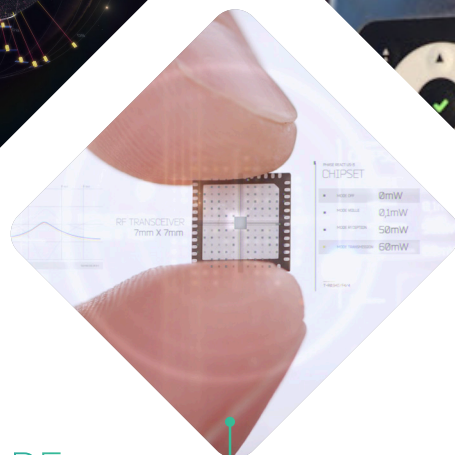
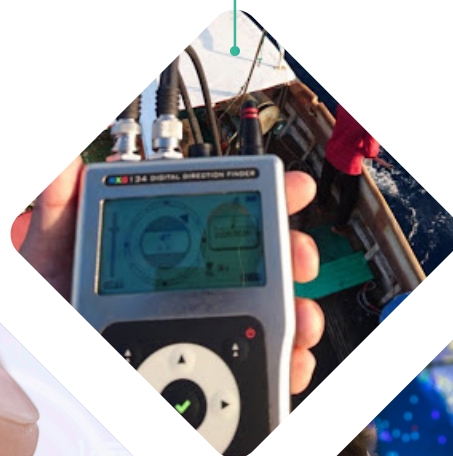
CLS provides scientists with expert solutions to obtain this data. Being the unique ARGOS service and hardware provider and a world-renowned certified Iridium VAR, CLS offers an unparalleled range of services topped by excellent support.

CLS DATA CENTER WITH 24/7 MONITORING & REDUNDANCY

24/7 Monitoring
3 redundant Data Centers
Maximum Data Security
Excellence in Customer Support

HARDWARE

(modems, antennas)
our experts are there to help you to integrate the solutions



Value-Added Solutions

CLS Web portals allow you to: track your airtime, check transmission during the testing process, securely check and download all your data, manage your account, map your beacon positions and more.



TRACKING & DATA COLLECTION

Global satellite system
ARGOS & IRIDIUM

Air Time Services (Doppler & GPS)
Many value-added services



HIGH COMPATIBILITY

Satellite telemetry services compatible with

All platforms

All manufacturers

All satellite systems & generations
(IRIDIUM NEXT & KINEIS carrying the metamorphosis of ARGOS)



OCEAN FLEET MANAGEMENT TOOL

Position visualization of an unlimited number of oceanographic platforms using both Argos and Iridium telemetry systems

Visualize the metadata of the platform

Visualize sensor data

Monitor vital parameters
(i.e battery status, etc)

View & download in-situ tracks
with satellite ocean data

Perform immediate comparison
with satellite data



REAL-TIME DATA SERVICES

Data processing and visualization

State of the art data backup and security

A range of options to download and view data (Web services, FTP, SMS, email, online mapping, alerts, geofencing, etc.).

We adapt ourselves to your needs and can customize solutions



SEECHART: our new ocean fleet management tool

CLS

With more than 6000 ocean devices tracked each month and more than 30 years of leadership, CLS has always been a partner to the oceanographic community.

3

Redundant processing centers 24/7

25

sites on 5 continents. Wherever you are, we are close to you

25

Million messages processed per day

100,000

Platforms tracked worldwide

100+

STAFF dedicated to customer support

CLS - PARTNER TO THE OCEANOGRAPHIC COMMUNITY FOR 30 YEARS

Thanks to Argos & IRIDIUM, CLS provides ocean data telemetry services for a broad spectrum of applications including ocean modeling, metocean platform monitoring, plastic tracking and more. CLS, ever closer to its users, has sought to serve them better and to this end has created Kinéis. With the support of French space agency (CNES), CLS is working to develop a completely new generation of dedicated ARGOS satellites called KINÉIS. This constellation of 25 nanosatellites is planned to launch by early 2022. On the same level, CLS will provide IRIDIUM NEXT services & hardware at a top level of service and enabling users to transmit more data in real time.

OUR REFERENCES



@ telemetry@groupcls.com

www.cls-telemetry.com

