

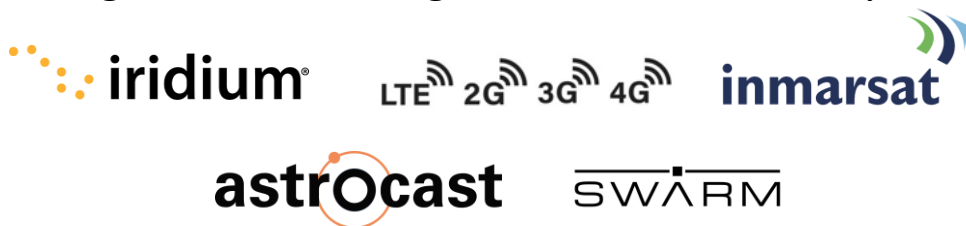


# Satellite IoT Platform

- ✓ Future proof
- ✓ Easy to install
- ✓ Least cost routing
- ✓ Regulatory Compliant
- ✓ Global IoT connectivity
- ✓ Low cost application development



Your global network agnostic IoT connectivity solution



# M2sat IoT Platform

## M2sat IoT Communicator

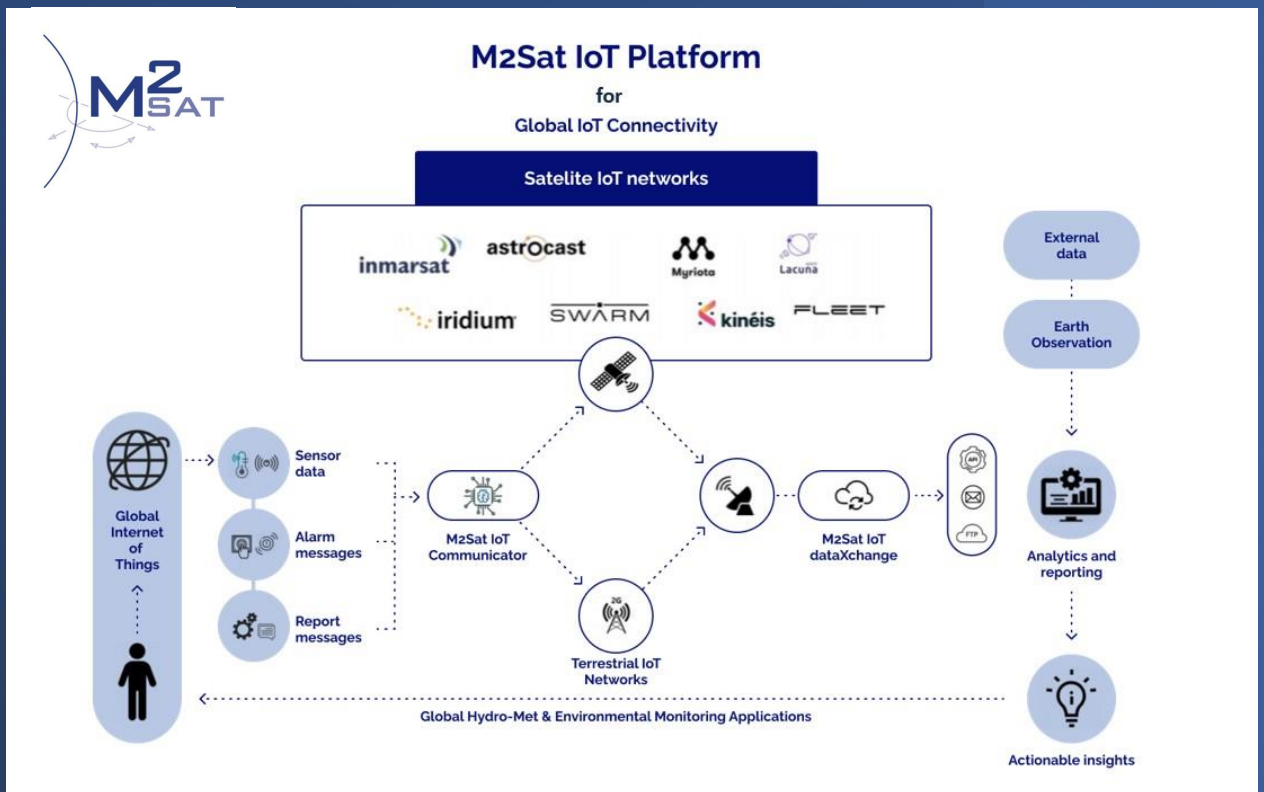
The future of global IoT is low cost and low power consumption.

Our savvy edge processor takes care of that with a single interface, managing sensor measurements and the transmission schedule of the data.

## M2sat DataXChange

Your single point of access for all sensor data or alarms coming in over the different satellite and terrestrial networks.

The DataXChange delivers clean manageable data API, mail or FTP in usable formats in any format required to sync them to your application analytics server or dashboard.



## Network Agnostic Global IoT connectivity (Satellite/GSM)

Depending on your application, location or regulatory requirements, the IoT Communicator selects the optimal IoT connectivity network (or two!).

This way you always have the most cost-effective network. It also makes your IoT network future-proof without lock-in to a single network. Your sensor integration work can be leveraged over all networks.

# M2sat IoT Platform

*Everything you need to build, run and manage global satellite IoT Applications*

More than 40 different terrestrial and satellite IoT Network make the choice for the right one not easy.

The M2sat IoT Platform reduces complexity:

## **Easily Connect your sensors**

- User friendly serial protocol interface to connect your micro processors like Raspberry Pi or PLCs.
- Analogue interface for direct sensor connect.

## **Multi Network global connectivity**

- You can use both existing sat-iot networks (critical comms) and next-gen small sat-iot networks (low cost/low power)
- Or combine terrestrial IoT networks like LTE with Satellite IoT for increased reliability.
- Your applications runs over every network

## **Keeping Satellite IoT simple**

- Bypass the complexity of satellite IoT networks
- Single IoT communicator edge device
- Single API interface to data-analytics server



*Drs H.J. Urlings  
SatIoT Lab  
June 2023*

*“Satellite IoT, until recently, was affordable only for niche markets like the government, shipping, logistics, mining, the energy market or utilities.*

*New IoT technology developments, including small satellite connectivity, edge processing, and data analytics and bring IoT benefits to environmental monitoring applications.*

## Your opportunity

- Reduce development costs for your global IoT application.
- Leverage your (one-time) development cost for sensor and back-end integration for all (future) sat iot networks
- No satellite IoT network lock-in
- Let your developers focus on the application (sensor and data analytics), let us take care of the satellite connectivity

## About M2sat

M2sat was founded in 2004 as a satellite system integrator. Our parent companies have been active in satellite communications since the early 1990's.

With a strong background in research and development in ESA and EU projects, over time M2sat has developed a range of e-2-e satellite solutions.



Windpark Monitoring and Control in the North Sea.



Seismic Monitoring in the Middle East



Water Level Monitoring For Hydro-Dam management In Africa

Our focus is on the development of a future-proof satellite IoT platform that enables our customers for cost effective development of global IoT applications and solutions.



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