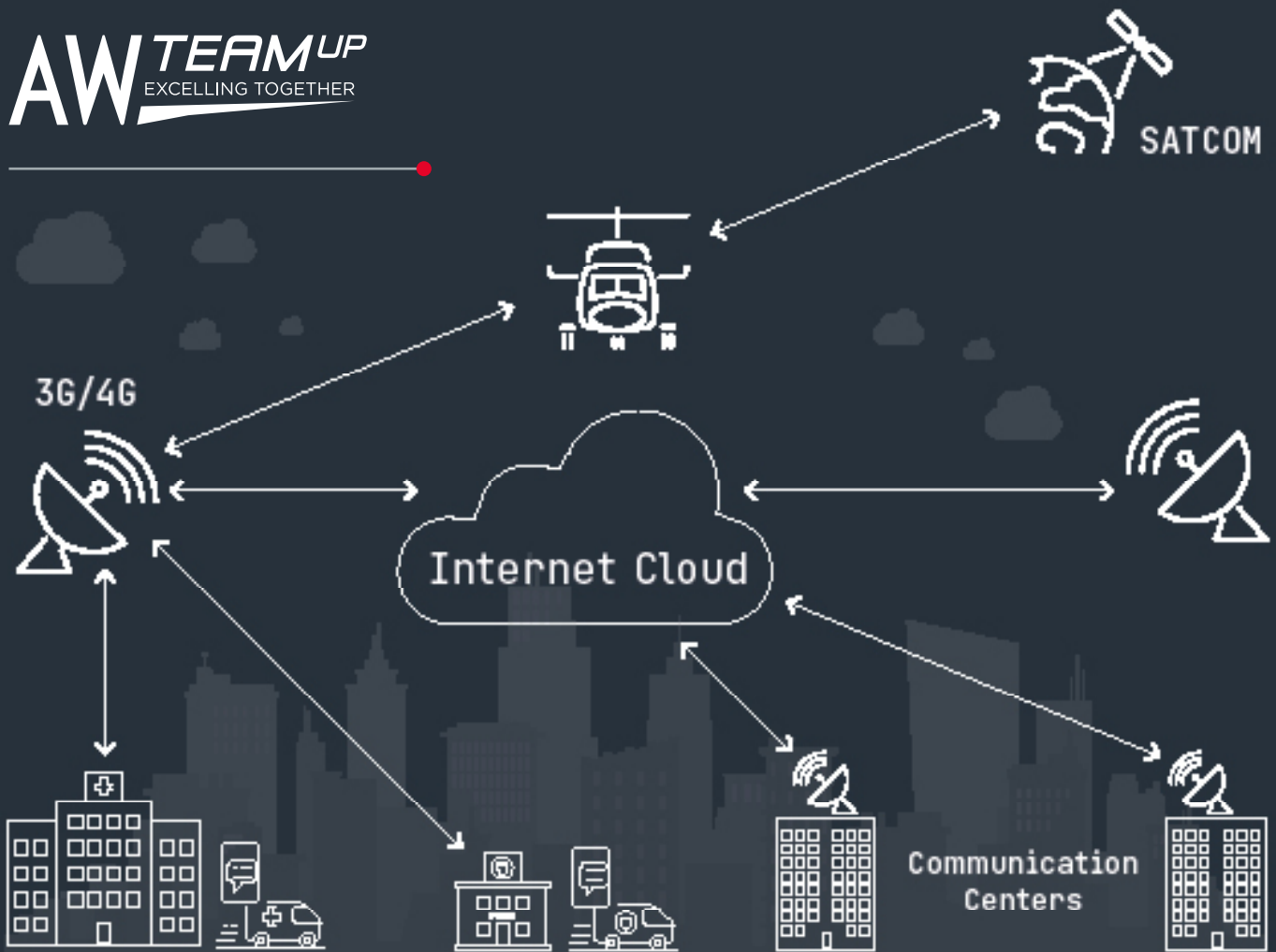




LEONARDO HELICOPTERS

HERMES

IN-FLIGHT DATA HELICOPTER
COMMUNICATION



HERMES - CONNECT, COMMUNICATE, ACT

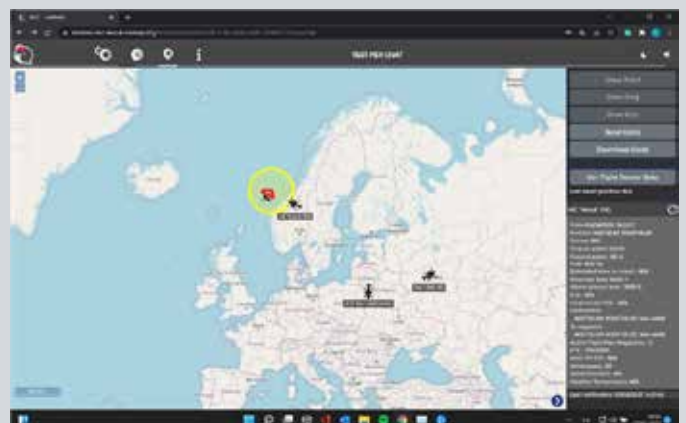
HERMES is a **message and communication eco-system** specifically designed and developed to support a secure and continuous data exchange while helicopter is flying.

Leveraging on **state-of-the-art technology** for web applications and message handlers that allow integration with external systems.

HERMES ensures also immediate and continuous communication among helicopters, headquarters and potentially any other users taking part in the mission.

One goal of HERMES is to **send Helicopter and mission statuses automatically** from the aircraft to ground and vice versa to free up time for the operators.

The primary data communication channel between the Helicopter and the ground is **the mobile internet connection**. Additionally, satellite communication is supported.



It is possible to **exchange data** via messages containing text, images, videos, files, map data, SMS, e-mail and other structured information.

HERMES implements state-of-the-art technologies for **web applications** and message handlers that allow integration with external systems. It is also designed to exploit the most recent virtual infrastructure solutions in order to guarantee fault-tolerance, high-availability and failover capabilities.

CONNECT

USE INTERNET, 3G/4G AND SATELLITE CONNECTION



COMMUNICATE

AUTOMATICALLY EXCHANGE STRUCTURED MESSAGES (PHOTOS, VIDEO, FILES, MAPS ETC) WITH A SECURE CONNECTION BETWEEN ALL THE STAKEHOLDERS INVOLVED



ACT

IN-FLIGHT REAL TIME MESSAGING AND DATA TRANSMISSION BETWEEN DIFFERENT ACTORS INVOLVED IN THE MISSIONS





HERMES
Helicopter Rescue Messaging System

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