BRANDING GUIDE

HARISMA

MARITIME SURVEILLANCE

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LOGO & APPLICATIONS

BRAND ASSETS
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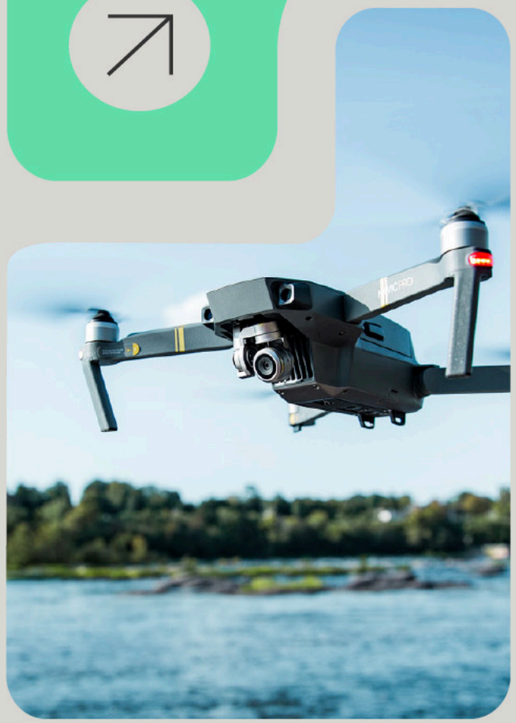


CHARISMA _Imagery

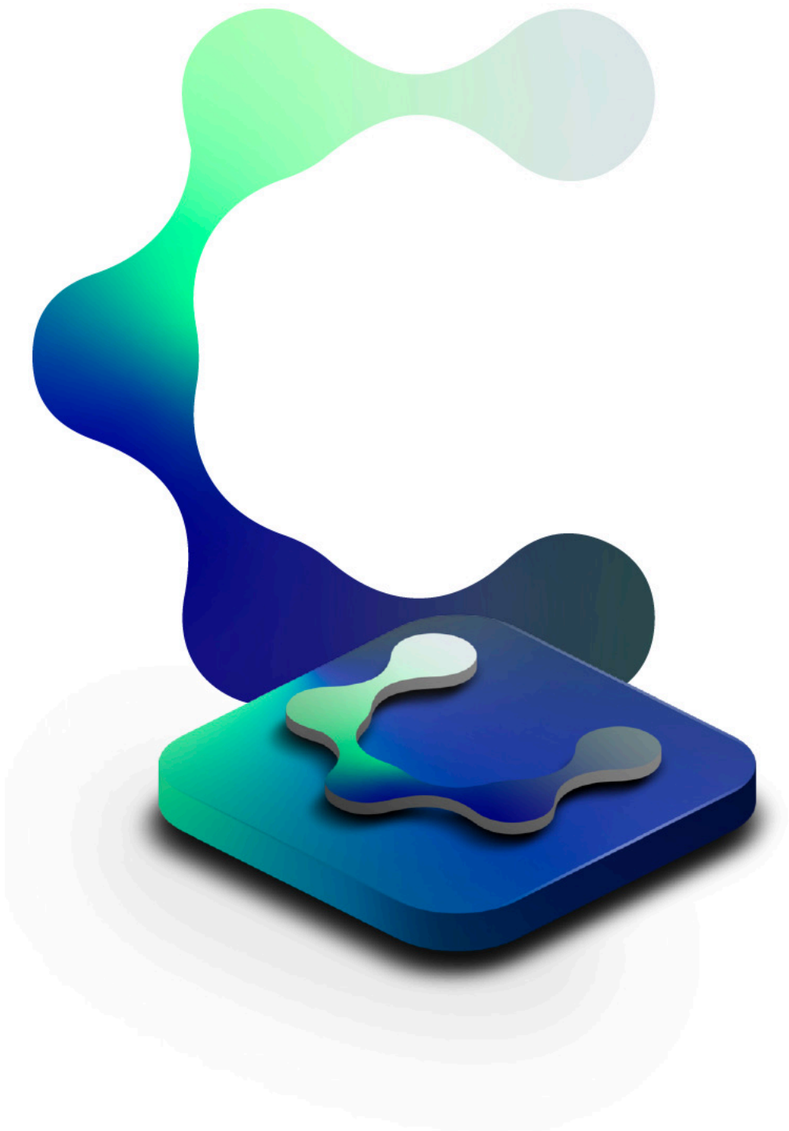
OVERVIEW

Maritime Surveillance

CHARISMA, aims to devise next-generation Maritime Surveillance technology leveraging on heterogeneous autonomous robotic architectures, including unmanned aerial, sea surface and underwater vehicles. Key to this innovation is devising both hardware and software that can be attached as an add-on to existing fleets of Unmanned Vehicles (UVs). The addon will enable UVs to collectively form a mesh network for communication at the lower-level, on top of which a Distributed Shared Memory (DSM) service will be deployed. The DSM will act as the connective tissue for decentralised data exchange that will be critical for devising advanced swarming algorithms to conduct Maritime Surveillance.
These swarming behaviours will be largely based on data fusion Machine Learning models. To monitor and control these capability-augmented UV swarms, a Maritime Surveillance Digital Twin will also be implemented.

By combining the expertise, intellectual property and Proof of Concepts in distributed applications (Algolysis Ltd), maritime research and robotics (CMMI), and digital twins and machine learning (CYENS), we will develop a next generation framework for Maritime Surveillance, that will ensure reliable, robust and dependable data collection, provide a comprehensive digital representation of critical situations for better assessment, and will support decision making and high-level control of UV Swarms by competent operators. The entire framework will be validated and demonstrated in a relevant environment (TRL6). Specifically, the addon device will be deployed over a set of heterogeneous UVs with advanced swarming behaviours capable of specifically monitoring maritime infrastructure (e.g. aquaculture facilities).

CHARISMA _Logo



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CHARISMA _Logo Versions

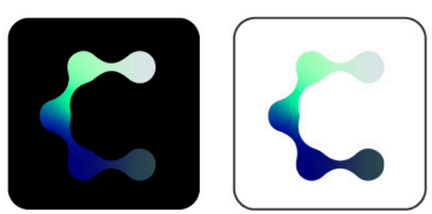
Primary

Secondary

Extended

Symbol

App icon



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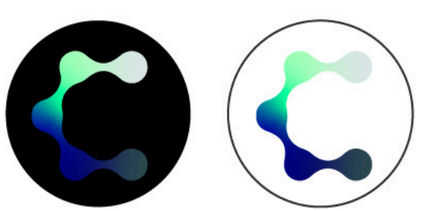

Signate Grotesk	min 48pt	Headings & Subheadings

"The five boxing wizards jump quickly." _Black

H1 72pt
H2 60pt
H3 48pt

Noka	min 18pt	Subheadings

"The five boxing wizards jump quickly." _Medium

"**The five boxing wizards jump quickly.**" _Semibold

H3 48pt
H4 36pt
H5 18pt

Manrope	min 9pt	Running Text

"The five boxing wizards jump quickly." _Medium

CHARISMA _Color Pallette

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RGB	R=26	R=43	R=13	R=133	R=217	R=221
	G=31	G=91	G=50	G=221	G=216	G=227
	B=22	B=56	B=145	B=175	B=212	B=212