



PADIC |

Passive Acquisition by Digital Convergence

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE:	Maritime surveillance capabilities
TOPIC TITLE:	Coastal radars and passive sensors with associated relevant networks
DURATION OF THE PROJECT:	36 months
TYPE(S) OF ACTIVITIES:	Study; Design; Prototyping; Testing
TOTAL COST:	€ 5,903,411.71
MAXIMUM EU CONTRIBUTION:	€ 4,765,742.85

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
SAAB AKTIEBOLAG (COORDINATOR)	Sweden
CAFA TECH OU	Estonia
PATRIA AVIATION OY	Finland
RANTELON OU	Estonia

SHORT DESCRIPTION OF THE PROJECT:

PADIC will develop a coastal radar network system in an open architecture, based on passive sensors and digital convergence.

The project "Passive Acquisition by Digital Convergence" (PADIC) will study, design, prototype and test a coastal radar network system in response to emerging threats by exploiting acquisition by passive sensors in an open architecture. The project will make use of low-cost and commercially available passive radars across Europe that are spectrally non-congesting during peacetime, while sustainable and immune against stealth attempts during conflicts. It will also maximise the performance through digitalization towards function-transparent, software-defined sensor hardware platforms.

Related PESCO project: Harbour & Maritime Surveillance and Protection (HARMSPRO)

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