



Corporate Overview

Signal Processing Solutions from Satellites to Submarines

Who we serve



Canadian Department of National Defence



European Space Agency



Swedish Defence Materiel Administration



Ministry of Transportation, CA



German Federal Navy



Defense Development Research Canada



Tap into Array Systems' World - Class Signal Processing Expertise

Array Systems Computing Inc.
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Our business

Array Systems Computing Inc. (Array) develops complex signal processing platforms supporting scientific and military advancements on open standards COTS devices.

Array's core strengths and capabilities include:

- Signal processing expertise and processor development in the areas of Sonar, Radar, Remote Sensing, and Intelligent Transportation Systems.
- Understanding our partner's issues to propose innovative, relevant, and de-risked processing solutions.
- Providing a strong history of delivering proven reliable systems.

About Array Systems

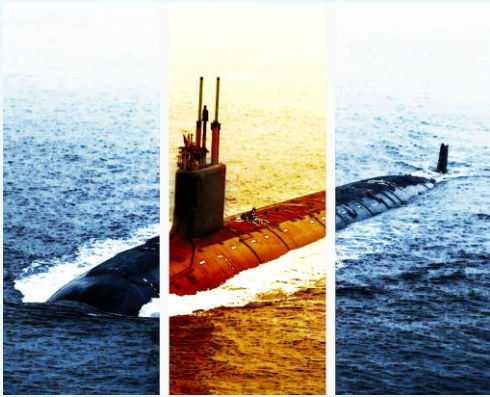
Array is an ISO 9001:2008 and NATO SECRET certified company established in 1981 with corporate



headquarters located in Toronto, Canada. The company's continued success has been the result of applying its superior capabilities in digital signal processing and image analysis to address our customer's needs. Array works closely with our military scientists and government partners to understand and ensure that the relevant issues are addressed and de-risked; and our products are successfully implemented and delivered.

Areas of Expertise

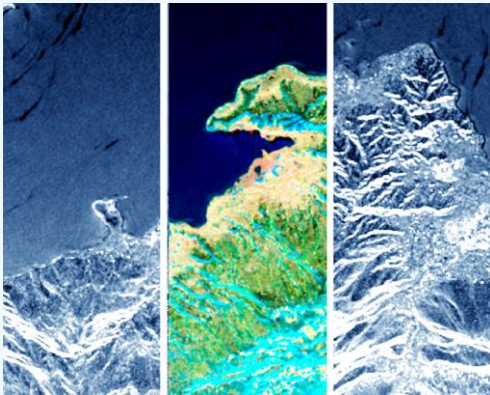
Underwater Acoustics



In the sonar field, Array is well known for delivering state of the art sonar systems and simulators to navies such as Canada, U.S., Germany and Sweden. Representative sonar projects include:

- Canadian Towed Array Sonar System (CANTASS) Post-Analysis System (PAS) and the CANTASS Mission Simulator (CMS) for the Canadian Navy
- Underwater Acoustic Analysis System (UAAS) for the German Federal Navy
- The Sonar Acoustic Post Processing System (SAPPS) and the Real-Time Signal Processor (RTSP) for the Royal Swedish Navy (RSwN)

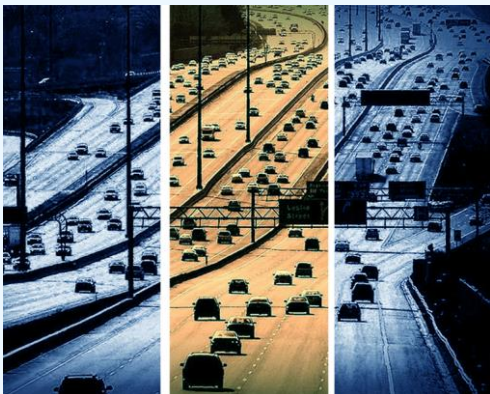
Radar & Remote Sensing



Array has been developing advanced radar and remote sensing signal-processing systems for over 20 years. Array's work in Synthetic Aperture Radar (SAR) includes both airborne and spaceborne platforms. Our areas of expertise include developing leading-edge algorithms, producing complex systems, and performing software and system integration. Array's most recent contributions include:

- The implementation of the L2 Soil Moisture prototype processor and core operational processor for the SMOS satellite for the European Space Agency (ESA)
- Development of the RADARSAT-2 Toolbox with polarimetric capabilities for the Canadian Space Agency (CSA), and the Department of National Defense (DND).

Intelligent Transportation Systems



Array Systems has been a leader in the development of Ministry of Transport Ontario's Next generation COMPASS System.

COMPASS provides accurate freeway incident and delay information for Ontario's 400 series highways and effectively manages peak rush hour traffic flow.

With 30 years
experience in
the
AEROSPACE
AND DEFENCE
marketplace,
Array has
delivered proven
Sonar,
Radar,
and
Intelligent
Transportation
Solutions
to military,
governmental
and scientific
organizations
worldwide

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