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For Immediate Release

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***North Atlantic Industries Launches Full Suite of Rugged, COTS-based
Application-Ready Systems— Out-of-the-Box with NO NRE***

Leveraging a COSA™ modular architecture, NAI announces the availability of multiple application-ready rugged systems tailored for the DoD's Modular Open Systems Architecture Acquisition Strategy

Bohemia, NY, May 10, 2016-- NAI leverages its modular and adaptable COSA architecture providing application-ready systems for harsh air, land and sea environments. These rugged COTS, pre-configured and tested systems allow rapid deployment with less risk, and *NO NRE*.

NAI's highly-adaptive, scalable [Custom on Standard Architecture™ \(COSA™\)](#), approach optimizes reliability, size, weight and power, as these systems seamlessly integrate with NAI's field proven, processing, intelligent multifunction I/O and communications boards that feature the highest packaging density and greatest flexibility of any I/O board in the industry. Communications and I/O functions can easily be interchanged based on customer requirements without affecting the design of the overall system, resulting in:

- Reduced design risk
- Increased design versatility
- Reduced power consumption
- Faster integration
- Higher packaging density
- Streamlined development resources
- Overall lower program cost
- Accelerated time-to-mission

-More-



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“Our COSA architecture delivers a modular embedded computing platform based on a wide breadth of field proven COTS function modules. The flexibility and adaptability of this approach allows systems engineers to quickly meet requirements for various rugged applications that range from ground-based and naval systems, to manned and unmanned aerial payloads in data acquisition, data distribution, vehicle management, actuator control, fire control, targeting and more,” said Lino Massafra, Vice President of Sales & Marketing. “NAI has numerous application-ready systems deployed in mission-critical platforms worldwide.”

NAI's application-ready systems support [Intel](#), [NXP](#) or ARM –A9 processors and a full suite of I/O and communications functions. They are designed to meet MIL-STD-461F and MIL-STD-810G with support for MIL-STD-1275D & MIL-STD-704A with 50ms holdup.

NAI is a specialized provider of embedded electronics and computing for sense & response-intensive, Mil-Aero applications. We accelerate our clients' time-to-mission with a unique approach based on a Custom-on-Standard-Architecture™ (COSA™) that delivers the best of both worlds: custom solutions from standard COTS components. For over 50 years, companies like Boeing, Northrop Grumman and Raytheon have leveraged our capabilities to meet the demanding requirements of a wide range of I/O- and communication-centric applications, with uncompromising quality, efficiency and responsiveness. Information about NAI and its products can be found at www.naii.com.

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Application-ready data acquisition system from NAI,
Out-of-the-box— *with No NRE*