

Aerospace and Defense

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DDS sets new levels of performance, reliability, scalability, interoperability and fault-tolerance for military and aerospace systems. DDS addresses the real-time data distribution needs of military and aerospace systems by satisfying a range of requirements at different temporal and geographical scale for applications such as radar processors, naval combat management systems, land systems, and next-generation network-centric systems.

| Create a Case Study **WWW WWW...** (e.g., My NASA Project) → |

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NASA Launch and Control Systems

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NASA Launch Control System NASA's Launch Control System at KSC is one of the world's largest SCADA systems, with over 400,000 control points. The DDS based system was first used during the successful first launch of the Orion spacecraft. DDS intelligently distributes updates from thousands of sensors. It also stores all data for later analysis and allows all information to be viewed (after downsampling) on HMI stations in the control room.

Source: [RTI: Product Overview](#)

- [Case Study: NASA Launch and Control Systems](#)

Next Generation Naval Systems

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Interoperable Open Architecture Standards-based, high-performance middleware breaks vendor lock-in, drives interoperability and future-proofs architectural designs. Coming to Lockheed Aegis, Raytheon DDG 1000, Raytheon SSDS, LCS (Lockheed and GDAIS), Raytheon LPD-17, etc.

Source: [RTI: in Aerospace and Defense](#)

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