



**DIGITAL
INTEROPERABILITY
IN THE BATTLESPACE**

2iC

SOFTWARE FOR MULTI-DOMAIN INFORMATION EXCHANGE

2iC TRUST is commercial-off-the-shelf (COTS) cross-domain software that delivers assured digital interoperability between devices, systems and networks operating in different trust domains.

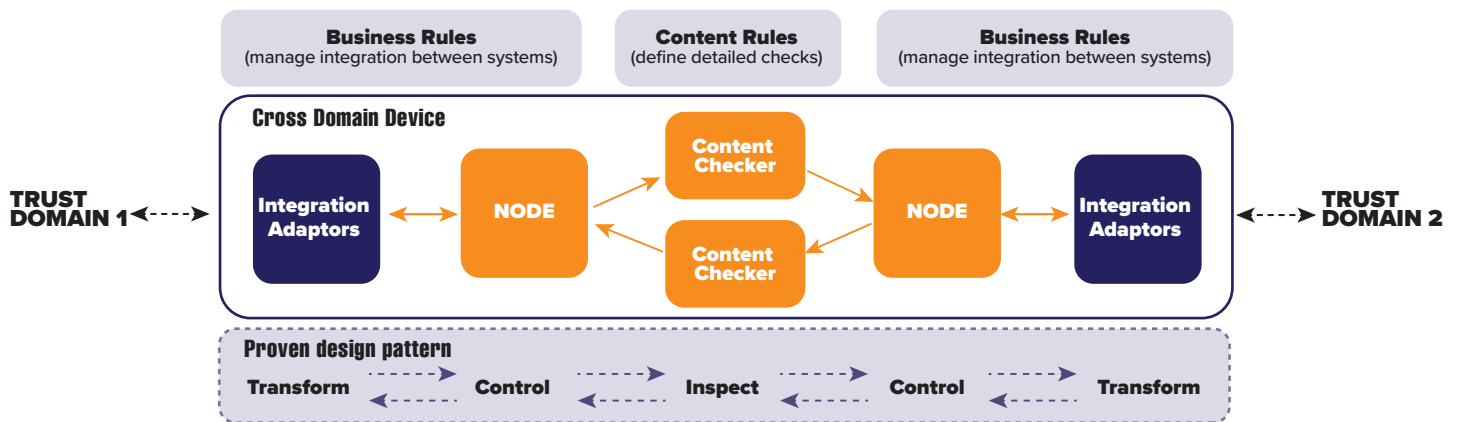
It has been proven for sharing data with partner forces at the edge, enabling uncrewed platforms to integrate with higher classification systems and integrating low-trust COTS products into tactical networks.

2iC TRUST software works on any cross-domain hardware platform, from small wearables through vehicle-mounted to rack-mounted servers. This provides unique flexibility, adaptability and speed of implementation for cross-domain solutions to digitally enable the Warfighter.

WHAT DOES IT DELIVER?

- Enables two-way secure digital interoperability that can be changed and extended at the pace of operations while maintaining the required security separation.
- Accelerates information exchange by negating the need for humans to manually transport, translate or screen the data at each trust boundary.
- Creates a protocol break meaning only agreed data are able to cross the trust boundary, preventing the ingestion of unexpected data and drastically reducing the number of attack vectors while enabling digital interoperability.
- Provides mission-reconfigurable fine grained and granular content checking which validates data payloads against tolerances, blocking unauthorized or malformed data from crossing the trust boundary.
- Allows the seamless integration of almost all legacy, current and future devices by taking advantage of a Modular Open Systems Approach (MOSA).
- Out-of-the-box integration with ATAK, MAVLink, MAPLE, OARIS, ADS-B, and more with an SDK available. The open modular architecture enables rapid extension into evolving environments (e.g., BMS, new standards).
- It is complementary and focuses on integration, not physical networking or flow control, enhancing existing cross-domain hardware.

FLEXIBLE INTEGRATION OPTIONS



2iC TRUST enables secure, 2-way controlled information transfer between trust domains, just like airport security manages movement between kerbside and airside. Each direction is hardware enforced (physical) and has tailored checks (rules) that adapt to

circumstances and passenger type, ensuring only trusted data passes through. These checks are different for each direction of flow and can be rapidly changed to adapt to the situation.

USE CASE

For a major defence force, **2iC TRUST** enabled secure two-way communication between a modern warship and an autonomous surface vessel in a lower trust domain. Control instructions and sensor data were exchanged in real time, with content checked against strict rules before crossing security boundaries. The modular software integrated rapidly with in-service hardware and provided integration and deep inspection for a DDS environment. A live trial was fully deployed in under four weeks, proving speed and flexibility.

PRICING

2iC software is available immediately and avoids vendor lock-in. Pricing is flexible: SaaS for pay-as-you-go or traditional licenses, both with discounts for R&D use and volume purchase.

NEXT STEPS

Need to accelerate your sales? Use 2iC software to rapidly integrate your products for trials and testing, with an easy route to scale to full production solutions with built in future-proofing.

ABOUT 2iC

2iC is a UK tech company specialising in digital interoperability in the battlespace. 2iC's proven off-the-shelf software connects and controls systems and devices not originally designed to work together. These are typically uncrewed, unattended or wearable, and operating without fixed infrastructure or reliable internet access.

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FOR EFFECT**

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