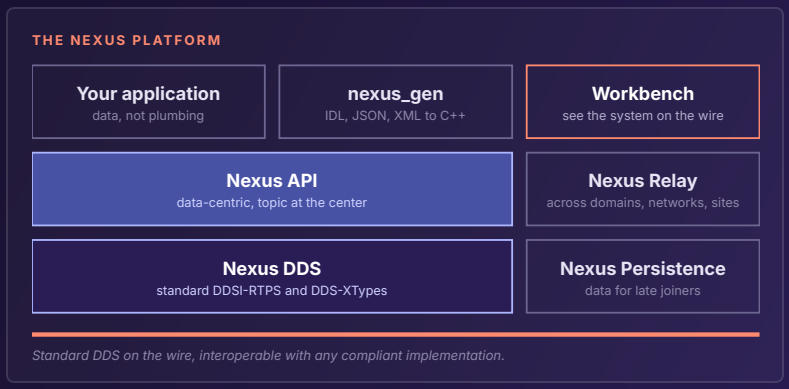
DATA-CENTRIC DDS PLATFORM

Nexus

One DDS platform, three editions. **No capacity limits, even in the free edition.**



THE PLATFORM Middleware, API, tools, and services that work as one.

Nexus is a complete DDS platform built around the data. **Nexus DDS** provides standard DDS middleware. The **Nexus API** puts the topic at the center of application code. Tools and services help you see, connect, and preserve what your system exchanges.

Every edition includes the full middleware and the API, with no capacity limits, and DDS Security will be in every edition too. The editions differ in tooling, services, and support.

What's in the platform

Nexus DDS

Standard DDS middleware. DDSI-RTPS and DDS-XTypes on the wire, interoperable with any compliant implementation.

Nexus API

A modern, data-centric C++ API with intent-based QoS and an explicit lifecycle.

SEE THE NEXUS API BRIEF

nexus_gen

Generates C++ types and XTypes TypeObjects from IDL, JSON, or XML, integrated with CMake.

Nexus Workbench

Passive, wire-level visibility into discovery, matching, and traffic, across DDS vendors.

SEE THE NEXUS WORKBENCH BRIEF

Nexus Relay

Connects DDS systems across domains, networks, and sites, routing selected topics between them, including over WANs.

Nexus Persistence

Stores published data so late-joining applications receive it, even after the original writer is gone.

AT A GLANCE

Editions
Community, Professional, and Enterprise

Community Edition
Free, with no capacity limits

Standards
DDSI-RTPS and DDS-XTypes on the wire

Interoperability
Works with any standards-compliant DDS system

Security
DDS Security in every edition (on the roadmap)

Status
In beta now; 1.0 in Q4 2026

BUYING

Payment
Credit card or purchase order and invoice

Licensing
License key delivered immediately

Upgrades
Move between editions with a new key, no reinstall

BUILT ON NEXUS

Nexus TMS. A free MIL-STD-3071 reference implementation. See the Nexus TMS brief.

Choose the edition that fits the work.

Start free with Community. Move to Professional or Enterprise when you need advanced tooling, relay and persistence services, or commercial support.

CE
Community
Free

The full middleware, API, and code generation, plus core Workbench. For building and running DDS systems at no cost.

PE
Professional
Contact us

Everything in Community, plus live capture and playback in Workbench, Nexus Relay and Persistence, and commercial support.

EE
Enterprise
Contact us

Everything in Professional, with priority support and a service-level agreement, for programs and organizations.

Compare editions

	COMMUNITY	PROFESSIONAL	ENTERPRISE
Core platform			
Nexus DDS	✓	✓	✓
Nexus API	✓	✓	✓
nexus_gen code generation	✓	✓	✓
DDS Security*	✓	✓	✓
Nexus Workbench			
Load captures; discovery and matching views	✓	✓	✓
Live capture	–	✓	✓
Capture playback	–	✓	✓
Anomaly detection and exports	–	✓	✓
Services			
Nexus Persistence	–	✓	✓
Nexus Relay	–	✓	✓
Relay over WAN, site to site	–	✓	✓
Support			
Support level	**Community**	**Commercial**	**Priority, with SLA**

* DDS Security is on the roadmap and will be included in every edition.

Getting started

Download Community
Free from federateddesigns.com, with no capacity limits on what you build.

Talk to us
For Professional or Enterprise pricing, evaluations, and program requirements.

Upgrade anytime
Apply a Professional or Enterprise key to unlock features in place.

One platform, built around the data.
Start free. Grow when you need to.

TALK TO US

www.federateddesigns.com

eva@federateddesigns.com

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