# OASIS

# Product Life Cycle Support (PLCS)

**Deployment of ISO 10303 product data exchange standard to support complex engineered assets**

PLCS provides the only international standard for structured data exchange for complex engineered assets. Approved as ISO 10303, Standard for Exchange of Product Data (STEP) Application Protocol 239, PLCS supports products such as ships, aircraft, engines, oil platforms, and related systems throughout their entire life cycle, from concept through design and manufacture to operation and eventual disposal.

## PLCS Data Exchange Sets

Members of the OASIS PLCS Technical Committee define, develop, test, and publish PLCS Data Exchange Sets (DEXs), which support specific business processes or purposes. DEXs serve as basic building blocks of the PLCS integrated information model. PLCS applications may claim conformance against a single DEX or a combination of DEXs to facilitate modular implementations. OASIS has identified more than 30 candidate DEX specifications to meet particular industry needs.

## Business Benefits for Implementing PLCS

· *Improved quality of information* throughout the product life cycle and across the supply chain

· *Ability to bid for contracts* requiring PLCS compliance

· *Reduced cost* of acquiring, maintaining, and delivering product configuration data

· *Less downtime* for essential maintenance and product upgrade operations

· *Improved configuration management* through feedback on as-maintained basis

· *Reuse of data* across 'off the shelf' software applications

· *Flexibility* in accommodating IT changes

**PLCS addresses the key challenge of how to keep information needed to operate and maintain a product aligned with the product throughout the inevitable changes that occur in the course of its life cycle.**

## Be Part of the Solution

OASIS PLCS Technical Committee members include representatives of:

- Boeing
- LSC Group
- Norwegian Defence Logistics
- Swedish Defence Materiel
- UK Ministry of Defence
- US Department of Defense
- and many others.

Participation remains open. The Committee welcomes contributions from government agencies, owners or operators of complex products, OEMs, system integrators, MRO service providers and supply chain representatives. Enterprise integration software vendors, consultancy groups, and after-market support software or service providers will also find value in participation.

**For more information:**
**www.oasis-open.org/committees/plcs**

# OASIS Membership
## One Organization, Many Opportunities

As a member of OASIS, you gain the power to influence the standards that shape our industry, whether you represent a:

-**user** seeking to ensure your business requirements are met;

-**government agency** wanting to minimize overlap of standards and reduce the risk in recommending new technology;

-**software provider** driving industry cooperation through standards; or

-**industry group** coordinating domain efforts with foundational work.

Benefits of membership:

■ Participate in as many OASIS Committees as you choose

■ Initiate new Committees to address identified market needs

■ Influence the direction of existing Committees by contributing technical work and articulating preferences

■ Gain access to early drafts of new specifications

■ Identify partners and develop joint solutions

■ Unify fragmented efforts to speed implementation

■ Liaise with related efforts at OASIS to address convergence and interoperability issues at the development stage

■ Protect development efforts from single-vendor bias

■ Expand visibility through participation in interoperability events

■ Work alongside the industry's most influential experts

■ Learn and adopt best practices

■ Foster a greater variety of competitive solutions

■ Lower the cost of implementation

■ Contribute to work respected as the product of the OASIS open process

### Where Members Drive the Agenda

OASIS believes widespread adoption is best achieved when all those affected by a standard participate in its development and implementation. We offer a range of dues to support an inclusive, balanced member base, where users and vendors, governments and universities all have a seat at the table.

| Level | Annual Dues (USD) |
| --- | --- |
| Foundational Sponsor | 45,000 |
| Sponsor | 13,500 |
| Contributor | |
| 10 or more employees | 5,750 |
| Less than 10 employees | 2,750 |
| Non-profit | 1,000 |
| Individual | 250 |

OASIS is a not-for-profit, international consortium dedicated to the development, convergence, and adoption of e-business standards. OASIS Standards are developed through an open process, one that provides for fairness, transparency and full participation from the entire community.

## OASIS

http://www.oasis-open.org ■ member-services@oasis-open.org