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S1000D
For PTC Windchill

The only S1000D solution
to integrate seamlessly
with your PLM & SLM

End users in service need concise, compliant, and accurate service information.

And they need it in real time.

The inability to meet the requirements for accurate service information results in mistakes and failure to deliver the right parts and service information in critical situations.

However, many companies experience a complete disconnect between the engineering, provisioning, and service data in their process.

This disconnect causes numerous business problems from incorrect parts ordering and stocking, inaccurate service content being delivered to the field/floor, or failure to repair or service products properly.

S1000D for PTC Windchill links your engineering data to your service data to ensure that you ALWAYS deliver up-to-date, accurate, and S1000D-compliant service information.
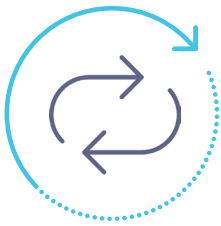
With S1000D for PTC Windchill, you can create high-quality, S1000D-compliant spare parts information directly from the engineering data. This means that changes made upstream are recognized right away in all of the impacted service content.

The solution integrates seamlessly with PTC's market-leading suite of content creation and delivery tools for the A&D sector.
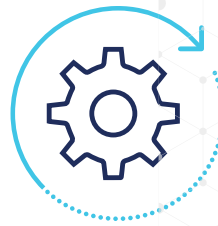
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ptc | partner network services

Elevate your business value by augmenting the associative power of Windchill.

Maintains associativity between source engineering data & parts lists and service content

Supports S1000D, MILSTD, and commercial standards and includes integrated IETM support

Includes a modular, scalable CSDB solution

GPSL Gold Support for help desk, upgrades, issues, and configuration changes

Easy access to real-time, integrated, and accurate technical and maintenance information across the Service Network means:

- Increased equipment uptime and platform availability
- Better customer/operator satisfaction
- Faster tech data delivery turnaround times
- Higher maintenance throughput and capacity

As a result, you can expect:

- Increased service revenue from additional contracts
- Elimination of non-compliance penalties and fines
- Increased compliance with SLAs (Service Level Agreements)
- Higher customer retention and repeat business
- Lower cost of maintenance and logistics

S1000D for PTC Windchill provides the following S1000D specific functions

- Integrates seamlessly with your PLM/SLM for full product work flows, BOM transformation, and parts management (leverage the digital thread)

- Optimizes service content accuracy, applicability, organization, and delivery in accordance with S1000D Issue 2.3*, 3.0*, 4.0.1, 4.1. 4.2 & 5.0

- Transforms existing engineering/manufacturing product information into S1000D compliant spare parts information

- Manages S1000D information in a product-centric approach based on S1000D and specific project business rules

*Some limited functionality

- Automatically generates the S1000D Illustrated Parts Data (IPD) module in XML

- Organizes service parts content and illustrated parts data in accordance with S1000D

- Adds parts lists to information structures (defined by S1000D SNS) that provide product breakdown by major systems, subsystems, and options

- Breaks product information down into standard serviceable systems, subsystems, and components in accordance with S1000D libraries

- Initially loads information structures from templates matched to S1000D libraries

- Builds publications structures based on content from the Project Data Module Requirements List (DMRL)

- Fully supports S1000D applicability modules, including Applicability Cross Reference Table, Conditions Cross Reference Table, Product Cross Reference Table

- Supports leverage the Business Rules eXchange (BREX) module, including the basic S1000D rules

- Generates S1000D compliant parts catalog publications to print or electronic format

Information management is business-critical in the digital economy. Business continuity, jobs, and profits rely on getting it right.

As specialists in Aerospace & Defence, we understand the consequences if you get it wrong.

Contact GPSL today to discuss how we can help you automate your S1000D processes.

+1 (866) 262 4176

info@gpsl.co

gpsl.co