GenS

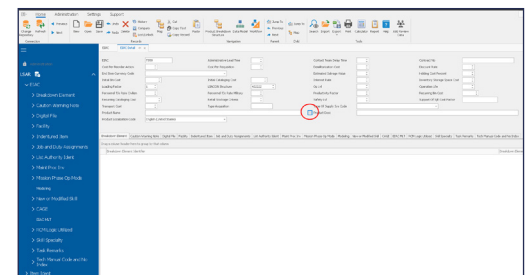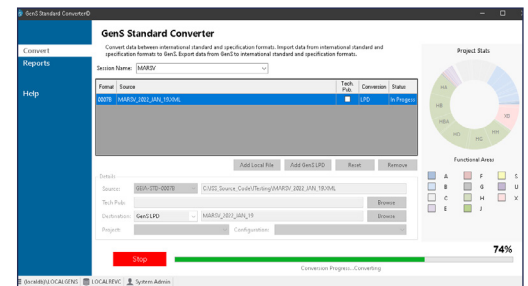**An easy support solution for complex problems**

Pennant

This market-leading tool is designed to power iterative supportability and logistics analysis, stakeholder collaboration, data-driven decisions, and organised management for unbeatable product support.

Built on the latest international standards and specifications and backed by a dedicated team of software developers and supportability engineers, it's the next generation of logistics support analysis technology.

GenS can be integrated with Analyzer and the R4i Product Suite to transform Integrated Product Support requirements into a truly integrated secure digital capability.

Key Functionality:

- Conversion of logistics support analysis information between Logistics Product Data (LPD) standards

- Enter information using tailored screens that focus on project specific elements

- Multi-lingual support

- Import information from multiple sources such as: LPD standard formats, and Microsoft Excel spreadsheets

- Export information via standard formats and the enhanced GenS Interchange format

- Organise teams and data by project to maximise coordination

- Arrange GenS as desired and save the layout for future reuse

- Validate project data, jump to errors, and export the error list report to Excel

- Give project managers the ability to create tailored configurations of managed elements for their end users

- Reuse configurations between projects and share the configurations with third parties to allow for an integrated supply chain

- Create data tailoring, custom views, custom workflows, user groups and projects

- Reliability centered maintenance module for building logic trees and performing analysis

- Light and dark theme settings

- Customisable views – pick & choose fields for your user interface

- Generate Logistics Product Data Summaries from TA-HB-0007-1

At Pennant we are continually updating our products. More capability for GenS coming soon.

Easier and Faster with GenS

	Instant Startup	Install Microsoft SQL database and install GenS, login and you are ready to work within 30 minutes.
	Ease of navigation	Finding where your data is stored / input is as easy as navigating to the required table for the standard.
	Reduce errors and save time with modifiable GUI	Setup your GenS screens how YOU like it! Multiple monitors, move windows around for easy cross-referencing and ease of workflow!
	Excel compatibility	Table data can be exported and imported (drag n drop) to allow for existing data to be quickly and correctly imported into GenS – save months!
	Save even more time	With batching capability for import / export and report generation.
	Data validation of imported data	GenS imports data and gives the user the ability to validate and correct the data prior to saving in the database, along with incrementally completing data later – save weeks!
	Complete all associated data with Visible (Guided) Data referencing	On display standards-based help and guidance that is user configurable.
	Digital files	The ability to embed and preview images and documents directly in the LPD.
	Configurable / Templated Projects	Simplify complex data entry, through easy real time data entry and validation, including tailored to your project's specific needs – save 50% data entry time.
	Share the data	Integrate with your favourite Pennant IPS software applications, Analyzer and the R4i Product S1000D Suite to ensure data re-use.

The Pennant IPS Software Suite will support the following standards:

Data specifications	Standards	OmegaPS	GenS	Analyzer	R4i
DoD requirements for a logistic support analysis record	MIL-STD-1388-2	✓	✓		
MoD Integrated Logistics Support	DEF STAN 00-60	✓	✓		
ADO logistic support analysis record requirements for the Australian Defense Organisation	DEF(AUST) 5692	✓	✓		
SAE Logistics Product Data (Up to 0007B - ✓)	GEIA-STD-0007	✓	✓		
SAE Level of Repair Analysis (LORA)	AS1390			✓	
ASD/AIA International specification for the preparation of technical documentation in a controlled language	ASD/AIA-STE100				✓
ASD/AIA International specification for Integrated Product Support (IPS)	SX000i		✓		
ASD/AIA International specification for technical publications using a common source database	S1000D				✓
ASD/AIA International specification for Material Management	S2000M		✓		✓
ASD/AIA International procedure specification for logistics support analysis	S3000L		✓		
ASD/AIA International specification for developing and continuously improving preventive maintenance	S4000P		✓		
ASD/AIA International specification for in-service data feedback	S5000F			✓	
ASD/AIA International specification for training analysis and design	S6000T				
ADL Sharable Content Object Reference Model	SCORM				✓

System Requirements

Server

- Windows Server 2016 (with Microsoft extended support) or later
- Microsoft SQL Server 2017 (with Microsoft extended support) or later
- 16GB RAM minimum (64GB and above recommended for enterprises)
- 1 TB Disk space minimum for Project use

Desktop Applications

- Windows 10, 11
- 8GB RAM minimum (16GB recommended)
- .Net 4.7.2 (R4i) and .NET 6.0 (GenS)
- 256GB Disk space minimum

NOTES

- Only x64 Bit Operating Systems are supported for desktop applications.
- The Desktop Experience feature is required to fully support the client on a Windows server.
- The operating systems and any additional system requirements listed (e.g. MS SQL Server, .NET) are not bundled, licensed or installed with the Pennant Software.

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